

# 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

April 14, 2008

2008-00138

RECEIVED

APR 15 2008

PUBLIC SERVICE  
COMMISSION

Ms. Stephanie Stumbo  
Executive Director  
Public Service Commission  
P.O. Box 615  
Frankfort, Kentucky 40602

Re: McCreary County Water District (**Cumberland Falls Project**) PSC Application

Dear Ms. Stumbo:


Enclosed please find the original and ten (10) copies of the Application of the McCreary County Water District for a Certificate of Public Convenience and Necessity to construct and finance rates pursuant to KRS 278.023.

Also enclosed are eleven (11) copies of the exhibits required pursuant to 807 KAR 5.069, with the exception of the Preliminary and Final Engineering Reports, of which two copies are enclosed.

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

Sincerely,

Rubin & Hays

By   
W. Randall Jones

WRJ:jkm  
Enclosures

cc: Distribution List

**DISTRIBUTION LIST**

Account No. 156.0000

**Re: McCreary County Water District Water System Revenue Bonds, Series 2008,  
in the principal amount of \$150,000 (Cumberland Falls/Riverwood Project)**

Mr. Kenneth H. Slone  
State Director  
Rural Development  
771 Corporate Drive, Suite 200  
Lexington, Kentucky 40503-5477

Telephone: (859) 224-7336  
Fax: (859) 224-7425

Mr. Tom Partin  
Rural Development  
100 Nami Plaza, Suite #3  
London, Kentucky 40741

Telephone: (606) 864-5168  
Fax: (606) 878-7717

Mr. Steve Owens, Manager  
McCreary County Water District  
P.O. Box 488  
Whitley City, Kentucky 42653

Telephone: (606) 376-2540  
Fax: (606) 376-5507

Tim Lavender, Esq.  
Courthouse Square  
P.O. Box 69  
Whitley City, Kentucky 42653

Telephone: (606) 376-2233

Mark Askin, P.E.  
Strand Associates, Inc.  
325 West Main Street, Suite 710  
Louisville, Kentucky 40202

Telephone: (502) 583-7020

W. Randall Jones, Esq.  
Rubin & Hays  
Kentucky Home Trust Building  
450 South Third Street  
Louisville, Kentucky 40202

Telephone: (502) 569-7525  
Fax: (502) 569-7555

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

RECEIVED

APR 15 2008

PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF MCCREARY COUNTY )  
WATER DISTRICT OF MCCREARY COUNTY, )  
KENTUCKY, FOR A CERTIFICATE OF PUBLIC )  
CONVENIENCE AND NECESSITY TO CONSTRUCT )  
AND FINANCE PURSUANT TO KRS 278.023. )

Case No. 2008-00138

APPLICATION

This Application of the McCreary County Water District ("Applicant") of McCreary County, Kentucky, respectfully shows:

1. That Applicant is a water district of McCreary County, 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:

McCreary County Water District  
c/o Mr. Raymond Taylor, Chairman  
P.O. Box 488  
Whitley City, Kentucky 42653

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 water project, consisting of extensions, additions, and improvements (the "Project") to the existing water system of Applicant; and (ii) an Order approving the proposed plan of financing said Project.

4. That the Cumberland Falls Project consists of the construction and installation of approximately 15,250 linear feet of 6-inch water line and appurtenances; two master meter vaults; pump station upgrades; and a pressure reducing valve and pit replacement.

5. That Applicant proposes to finance the construction of the Project through (i) the issuance of \$150,000 of its Waterworks Revenue Bonds; (ii) a Rural Development ("RD") Grant in the amount of \$390,000; and (iii) an Appalachian Regional Commission ("ARC") grant in the amount of \$500,000. Applicant has a commitment from RD to purchase said \$150,000 of bonds maturing over a 40-year period, at an interest rate of not exceeding 4.125% per annum, as set out in the RD Letter of Conditions 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:

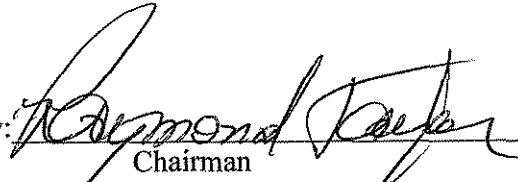
- A. Copy of RD Letter of Conditions, as amended.
- B. Copy of RD Letter of Concurrence in Contract Award.
- C. Copy of Preliminary and Final Engineering Reports.
- D. Certified statement from the Chairman of Applicant, based upon statements of the Engineers for Applicant, concerning the following:
  - (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 existing 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 the foregoing constitutes the documents necessary to obtain the approval of the Kentucky 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 McCreary 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 water project consisting of extensions, additions, and improvements to the water system of Applicant.
- b. An Order approving the financing arrangements made by Applicant, viz., the issuance of (i) \$150,000 of McCreary County Water District Waterworks Revenue Bonds at an interest rate of not exceeding 4.125% per annum; (ii) a Rural Development grant in the amount of \$390,000; and (iii) an ARC grant in the amount of \$500,000.

MCCREARY COUNTY WATER DISTRICT

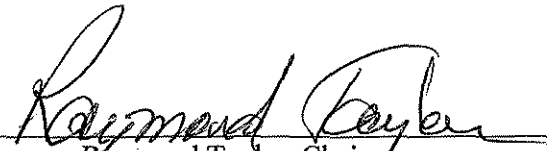
By:   
Chairman  
Board of Water Commissioners

  
W. RANDALL JONES, ESQ.  
RUBIN & HAYS  
Counsel for Applicant  
Kentucky Home Trust Building  
450 South Third Street  
Louisville, Kentucky 40202  
(502) 569-7525

COMMONWEALTH OF KENTUCKY )  
 ) SS:  
COUNTY OF MCCREARY )


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

IN TESTIMONY WHEREOF, witness the signature of the undersigned on this April 4, 2008.

  
Raymond Taylor, Chairman  
McCreary County Water District

Subscribed and sworn to before me by Raymond Taylor, Chairman of the Board of Commissioners of the McCreary County Water District, on this April 4, 2008.

My Commission expires: 11/3/2010.

  
Notary Public  
In and for said County and State





MAR 21 2007

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

March 19, 2007

Mr. Raymond Taylor, Chairman  
McCreary County Water District  
P.O. Box 488  
Whitley City, Kentucky 42653

Dear Mr. Taylor:

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 \$150,000; a RUS grant not to exceed \$390,000; and an Appalachian Regional Commission (ARC) grant in the amount of \$500,000.

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:

771 Corporate Drive • Suite 200 • Lexington, KY 40503  
Phone: (859) 224-7336 • Fax: (859) 224-7444 • TDD: (859) 224-7422 • Web: <http://www.rurdev.usda.gov/ky>

Committed to the future of rural communities.

"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) 720-6392 (TDD)



1. Number of Users and Their Contribution:

There shall be 6,175 water users, of which 6,173 are existing users and 2 are new users. The Area Director will review and authenticate the number of users prior to advertising for construction bids.

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 (April 1st and October 1st) and principal will be due on or before the first of April. 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 can 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 SF 5510, "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 \$70 per month into a "Funded Depreciation Reserve Account" until the account reaches 8,400. The deposits are to be resumed any time the account falls below the \$8,400.

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 ordinances.

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 \$2,577 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.

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, 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 and RUS Staff Instruction 1780-4, a copy of which is enclosed.

The enclosed audit booklet will be used as a guide for preparation of audits. 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.

The District will be required to establish and maintain separate accounts for each system. Annual audits, budgets, and reports will be submitted to Rural Development showing separate accounts.

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

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

13. 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 \$265,000.
- 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.

14. 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 "24" 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.

15. 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.

16. 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.

17. 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.

18. Treatment Plant/System Operator:

The District is reminded that the treatment plant and/or system operator must have an Operator's Certificate issued by the State.

19. 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."

20. 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.

21. 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.

22. 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.

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.

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

23. 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.

24. Cost of Facility:

Breakdown of Costs:

Development	\$ 778,700
Land and Rights	5,000
Legal and Administrative	10,000
Engineering	156,400
Interest	13,600
Contingencies	<u>76,300</u>
TOTAL	\$ 1,040,000

Financing:

RUS Loan	\$ 150,000
RUS Grant	390,000
ARC Grant	<u>500,000</u>
TOTAL	\$ 1,040,000

25. 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 ARC grant in the amount of \$500,000.

26. Use of Remaining Project Funds:

After providing for all authorized costs, any remaining project funds will be considered to be RUS/ARC 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.

27. 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.

28. 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:

A. Residential and Non-Residential:

First	2,000	gallons @ \$	14.95 - Minimum Bill.
All Over	2,000	gallons @ \$	4.95 - per 1,000 gallons.

B. Federal Correctional Facility:

First	1,980,000	gallons @ \$	9,657.55 - Minimum Bill.
All Over	1,980,000	gallons @ \$	4.95 - per 1,000 gallons.

C. Riverwoods:

First	450,000	gallons @ \$	1,860.00 - Minimum Bill.
All Over	450,000	gallons @ \$	3.48 - per 1,000 gallons.

D. Cumberland Falls State Park:

First	600,000	gallons @ \$	2,600.00 - Minimum Bill.
All Over	600,000	gallons @ \$	3.48 - per 1,000 gallons.

Wholesale water rate to Whitely County Water District will be \$ 3.48 - per 1,000 gallons.

29. Compliance with the Bioterrorism Act:

Prior to pre-closing the loan, 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. Water Withdrawal Permit:

The District will be required to obtain satisfactory evidence that a revised water withdrawal permit has been secured from the Division of Water. The permit must be obtained prior to the commencement of construction on the water project.



32. Mitigation Measures:

- A. The project shall be in compliance with all requirements noted in the Governor's Office for Local Development letter dated March 21, 2006, from Mr. Ronald A. Cook, Manager.
- B. The design and construction shall be in compliance with the requirements of the U.S. Fish and Wildlife Service as requested by letter dated January 12, 2007, and signed by Virgil Lee Andrews, Jr., Field Supervisor.
- C. 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.
- 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.

33. 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,

  
KENNETH SLOANE  
State Director

Enclosures

- cc:
- Area Director - London, Kentucky
  - Rural Development Manager - Somerset, Kentucky
  - Lake Cumberland ADD - Somerset, Kentucky
  - Tim Lavender - Whitley City, Kentucky
  - ✓Rubin and Hays - Louisville, Kentucky
  - Strand Associates, Inc. - Louisville, Kentucky
  - PSC - ATTN: Bob Amato - Frankfort, Kentucky



United States Department of Agriculture  
Rural Development  
Kentucky State Office

April 2, 2008

Mr. Raymond Taylor, Chairman  
McCreary County Water District  
P.O. Box 488  
Whitley City, Kentucky 42653

Re: Letter of Conditions Dated March 19, 2007

Dear Mr. Taylor:

This letter shall serve as Amendment No. 1 to the Letter of Conditions dated March 19, 2007. The purpose of this amendment is to revise the number of users, the security requirements, and the rates and charges.

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

" 1. Number of Users and Their Contribution:

There shall be 6,175 water users, of which 6,173 are existing users and 2 are new users. There shall also be 879 sewer users, all of which are existing users. The Area Director will review and authenticate the number of users prior to advertising for construction bids. "

Paragraph numbered "7" is revised to read as follows:

" 7. Security Requirements:

A combined pledge of gross water and sewer revenues 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. "

Paragraph numbered "28" is revised to read as follows:

" 28. 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 and sewer systems and meeting required principal and interest payments and the required deposits to debt service and/or depreciation reserve.

771 Corporate Drive • Suite 200 • Lexington, KY 40503  
Phone: (859) 224-7336 • Fax: (859) 224-7444 • TDD: (859) 224-7422 • Web: <http://www.rurdev.usda.gov/ky>

Committed to the future of rural communities.

"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).

A. Water rates will be at least:

Residential and Non-Residential:

First	2,000 gallons @ \$	15.55 - Minimum Bill.
All Over	2,000 gallons @ \$	5.75 - per 1,000 gallons.

Federal Correctional Facility:

First	1,950,000 gallons @ \$	11,212.50 - Minimum Bill.
All Over	1,950,000 gallons @ \$	5.75 - per 1,000 gallons.

Riverwoods:

First	450,000 gallons @ \$	1,860.00 - Minimum Bill.
All Over	450,000 gallons @ \$	3.48 - per 1,000 gallons.

Cumberland Falls State Park:

First	600,000 gallons @ \$	2,600.00 - Minimum Bill.
All Over	600,000 gallons @ \$	3.48 - per 1,000 gallons.

Whitley County Water District water rate will be \$ 3.48 per 1,000 gallons.

Oneida water rate will be \$ 3.48 per 1,000 gallons.

B. Sewer rates will be at least:

Residential and Non-Residential:

First	2,000 gallons @ \$	12.25 - Minimum Bill.
Next	8,000 gallons @ \$	5.65 - per 1,000 gallons.
Next	10,000 gallons @ \$	4.85 - per 1,000 gallons.
All Over	20,000 gallons @ \$	4.25 - per 1,000 gallons.

Federal Correctional Facility:

First	1,300,000 gallons @ \$	5,525.00 - Minimum Bill.
All Over	1,300,000 gallons @ \$	4.25 - per 1,000 gallons.

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

Sincerely,

  
 KENNETH SLONE  
 State Director

- cc: Area Director - London, Kentucky  
 Lake Cumberland ADD - Somerset, Kentucky  
 Tim Lavender - Whitley City, Kentucky  
 Rubin and Hays - Louisville, Kentucky  
 Strand Associates, Inc. - Louisville, Kentucky  
 PSC - ATTN: Bob Amato - Frankfort, Kentucky





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

March 27, 2008

**SUBJECT:** McCreary County Water District  
Cumberland Falls State Park Water Extensions  
Contract Award Concurrence

**TO:** Area Director  
London, 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, Clay Pipeline, Inc., in the amount of \$574,467.00.

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

  
for   
KENNETH SLONE  
State Director  
Rural Development

cc: Strand Associates, Inc.  
Louisville, Kentucky

Rubin and Hays  
Louisville, Kentucky

771 Corporate Drive • Suite 200 • Lexington, KY 40503  
Phone: (859) 224-7300 • Fax: (859) 224-7425 • TDD: (859) 224-7422 • Web: <http://www.rurdev.usda.gov/ky>

Committed to the future of rural communities.

"USDA is an equal opportunity provider, employer and lender."  
To file a complaint of discrimination write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14<sup>th</sup> and Independence Avenue, SW, Washington, DC 20250-9410 or call (202) 720-5964 (voice or TDD).



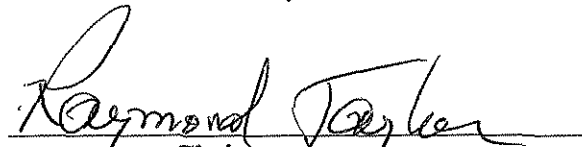
**CERTIFICATE OF CHAIRMAN OF THE MCCREARY COUNTY WATER DISTRICT,  
AS TO STATEMENT REQUIRED BY SECTION 1(5) OF 807 KAR 5:069**

I, Raymond Taylor, hereby certify that I am the duly qualified and acting Chairman of the McCreary County Water District of McCreary County, Kentucky, and that said District is in the process of arranging to finance the construction of extensions, additions and improvements to the water system of the District (the "Project"), in cooperation with Strand Associates, Inc., Louisville, 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 existing rates of the District 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 June 1, 2008, and will end on or about December 1, 2008.

IN TESTIMONY WHEREOF, witness my signature this April 4, 2008.

  
\_\_\_\_\_  
Chairman  
McCreary County Water District

STATE OF KENTUCKY    )  
                                  ) SS  
COUNTY OF MCCREARY )

Subscribed and sworn to before me by Raymond Taylor, Chairman of the Board of Commissioners of the McCreary County Water District, on this April 4, 2008.

  
\_\_\_\_\_  
Notary Public  
In and For Said State and County

**RECEIVED**

**APR 15 2008**

**PUBLIC SERVICE  
COMMISSION**

**FINAL ENGINEERING REPORT**

**for**

**CONTRACT 3-2007 – CUMBERLAND FALLS STATE PARK  
& RIVERWOODS ENVIRONMENTAL CENTER  
WATER MAIN EXTENSIONS PROJECT**

**for the**

**McCREARY COUNTY WATER DISTRICT  
WHITLEY CITY, KENTUCKY**

**March 2008**

**STRAND ASSOCIATES, INC.  
325 West Main Street, Suite 710  
Louisville, Kentucky 40202  
(502) 583-7020**



## TABLE OF CONTENTS

<u>Section</u>	<u>Description</u>	<u>Page No.</u>
1.	Purpose of Report	2
2.	General Background Data	2
3.	Existing System	
	a. Water System	2
	b. Sanitary Sewer System	2
4.	Scope of Project	3
5.	Estimated Water Usage	3
6.	Estimated Sanitary Sewer Usage	3
7.	Design Criteria:	
	a. Hydraulic Considerations	4
	b. Construction Considerations	4
8.	Financial – Existing Potable Water System & Proposed Improvements	
	a. Construction and Project Costs	4
	b. Project Budget	5
	c. Operation and Maintenance Costs	5
	d. Debt Service	6
	e. Required Income	6
	f. Rate Analysis	6
	g. Proposed Rate	7
9.	Financial – Existing Sanitary Sewer System	
	a. Operation and Maintenance Costs	9
	b. Debt Service	9
	c. Required Income	9
	d. Rate Analysis	10
	e. Proposed Rate	10
10.	Summary and Conclusions	11

## APPENDIX

- Exhibit 1 – Bid Tabulations, Contract 3-2007
- Exhibit 2 – MCWD Financial Report by Gilbert & Gilbert Accountants
- Exhibit 3 – Forecast of Water Usage for the Existing System (Existing Rate Schedule)
- Exhibit 4 – Forecast of Water Usage for the Contract 2 & 2A-2007 Project (Existing Rate Schedule)
- Exhibit 5 – Forecast of Water Usage for the Contract 3-2007 Project (Existing Rate Schedule)
- Exhibit 6 – Forecast of Water Usage for the Existing System (Proposed Rate Schedule)
- Exhibit 7 – Forecast of Water Usage for the Contract 2 & 2A-2007 Project (Proposed Rate Schedule)
- Exhibit 8 – Forecast of Water Usage for the Contract 3-2007 Project (Proposed Rate Schedule)
- Exhibit 9 – Forecast of Sanitary Sewer Usage for the Existing System (Existing Rate Schedule)
- Exhibit 10 – Forecast of Sanitary Sewer Usage for the Existing System (Proposed Rate Schedule)
- Exhibit 11 – Actual Potable Water Usage from 2007
- Exhibit 12 – Actual Sanitary Sewer Usage from 2007

1. **Purpose of Report**

This report updates the preliminary engineering report dated May 2006 for the proposed Cumberland Falls State Park & Riverwoods Environmental Center Water Main Extensions Project (Contract 3-2007) based on bids received January 29, 2008 from final plans and specifications.

2. **General Background Data**

In April 2006, Strand Associates, Inc. was authorized by the McCreary County Water District (MCWD) to investigate the feasibility of constructing approximately 11,000 linear feet of 6" water main, pump station upgrades, two master meter vaults, and appurtenances along KY 90 in McCreary and Whitley Counties to provide a reliable source of potable water to the Cumberland Falls State Park and the Riverwoods Environmental Center.

The Kentucky State Clearinghouse comments were received on March 21, 2006 and no conflicts with the State's goals, plans, or objectives were noted. The MCWD was awarded a USDA Rural Utilities Service (RUS) Water and Waste Grant and Loan covering \$540,000.00 of the \$1,040,000.00 project cost. The remaining \$500,000.00 is being covered by an ARC Grant.

3. **Existing Systems**

**a. Water System**

The McCreary County Water District (MCWD) has been providing potable water to portions of McCreary County since 1964. MCWD owns and operates two water treatment plants: (1) Water Plant #1 is located near the community of Whitley City and has a capacity of 1.5 million gallons per day with its source of raw water being from Laurel Creek and (2) Water Plant #2 is located near the community of Wiborg and has a rated capacity of 3.0 million gallons per day with its source of raw water being from the Big South Fork of the Cumberland River.

The MCWD currently serves 6,123 water users of which 5,830 are residential and 293 are commercial users. The system currently consists of 166,110 linear feet of 2" water main, 207,190 linear feet of 3" water main, 569,130 linear feet of 4" water main, 297,850 linear feet of 6" water main, 241,300 linear feet of 8" water main, 37,440 linear feet of 10" water main, 10,900 linear feet of 12" water main, 10,560 linear feet of 16" water main, and 19,300 linear feet of 18" water main. Along with the water mains, the District currently has eleven storage tanks for a total of 2,700,000 gallons of storage and four booster pumping stations.

**b. Sanitary Sewer System**

The McCreary County Water District (MCWD) has been providing sanitary sewer service to portions of McCreary County since 1997. MCWD owns and operates one wastewater treatment plant, the McCreary County Wastewater Treatment Plant No. 2, which is located near the community of Stearns and has a rated capacity of 700,000 gallons per day.

The MCWD currently serves 879 sewer users of which 735 are residential and 144 are commercial users, including the U.S. Bureau of Prisons in Gilreath. The system consists of four main service areas: (1) Marshes Siding, (2) Whitley City, (3) Stearns, and (4) the U.S. Bureau of Prisons in Gilreath. The system currently consists of 53,795 linear feet of 1.5" sewer main, 36,041 linear feet of 2" sewer main, 9,238 linear feet of 2.5" sewer main, 10,608 linear feet of 3" sewer main, 13,390 linear feet of 4" sewer main, 5,400 linear feet of 6" sewer main, 2,260 linear feet of 8" sewer main, and 50,053 linear feet of 10" sewer main. Along with the sewer mains, the District currently has 18 pump stations and appurtenances.

**4. Scope of Project**

The Cumberland Falls State Park & Riverwoods Environmental Center Water Main Extensions Project (Contract 3-2007) consists of approximately 15,250 linear feet of 6" water main, two master meter vaults, pump station upgrades, a pressure reducing valve & pit replacement, and related appurtenances along KY 90 in McCreary and Whitley Counties to provide a reliable source of potable water to the Cumberland Falls State Park and the Riverwoods Environmental Center.

Concurrent to the Contract 3-2007 project, the McCreary County Water District is also undertaking the New Liberty Water Main Extensions Project (Contract 2-2007) and the New Liberty Storage Tank Project (Contract 2A-2007). Financial data regarding these projects are included herein as they will impact current debt services and the projected required income.

**5. Estimated Water Usage**

Presently, MCWD currently serves currently serves 6,123 water users of which 5,830 are residential and 293 are commercial users. The average annual water usage by 5,830 existing residential customers as determined by billings for the 12 month period between January 2007 and December 2007 was 309,249,336 gallons (147 gpcpd). Average monthly demand per residential customer (5/8" X 3/4" meters) calculates to 4,420 gallons.

The average annual water usage by 293 existing commercial customers as determined by billings for the 12 month period between January 2007 and December 2007 was 99,154,032 gallons (940 gpcpd). Average monthly demand per commercial customer calculates to 28,200 gallons.

MCWD currently treats and provides its own potable water from two water treatment plants: (1) Water Plant #1 is located near the community of Whitley City and has a capacity of 1.5 million gallons per day with its source of raw water being from Laurel Creek and (2) Water Plant #2 is located near the community of Wiborg and has a rated capacity of 3.0 million gallons per day with its source of raw water being from the Big South Fork of the Cumberland River. These water treatment plants currently have a combined capacity of 4.5 million gallons per day.

The current average demand from both water treatment plants is 1,134,375 gallons of water per day for all users. Based on a preliminary report done by others, the peak water usage of the Cumberland Falls State Park and the Riverwoods Environmental Center will be 80,000 and 50,000 gallons per day, respectively, combining for an additional 130,000 gallons per day of peak flow. Adding this additional demand to the existing provides an anticipated average demand of 1,264,375 gallons per day. Based on this assumption, MCWD will still have ample capacity to service its existing and future users.

**6. Estimated Sanitary Sewer Usage**

Presently, MCWD currently serves 879 sewer users of which 735 are residential and 144 are commercial users, including the U.S. Bureau of Prisons in Gilreath. The average annual sanitary usage by 735 existing residential customers as determined by billings for the 12 month period between January 2007 and December 2007 was 47,022,432 gallons (177 gpcpd). Average monthly demand per residential customer calculates to 5,310 gallons.

The average annual sanitary usage by 144 existing commercial customers as determined by billings for the 12 month period between January 2007 and December 2007 was 21,212,928 gallons (410 gpcpd). Average monthly demand per commercial customer calculates to 12,276 gallons.

No new users are being served by this project. The current users will continue to be served at the McCreary County Wastewater Treatment Plant No. 2, which is located near the community of Stearns and has a rated capacity of 700,000 gallons per day.

**7. Design Criteria**

**a. Hydraulic Considerations**

Hydraulic calculations are based on the Hazen-Williams formula with a "C" value of 140 for PVC mains and 130 for ductile iron mains. The economy of polyvinyl chloride (PVC) pipe has caused it to be the predominant material for rural water system pipelines. The relatively high flow coefficient of C = 140 is a common value for PVC water systems and is, therefore, used in the design of this system. The same is true for C = 130 for ductile iron systems.

Line sizes are designed to maintain a minimum of 30 pounds per square inch (psi) at the service meter during peak flows.

Fire protection capacity is not designed into the system. Hydrants are normally for blow-off purposes. Service meters, valves and other appurtenances are designed for basic rural-domestic water supply service only.

**b. Construction Considerations**

The pipelines will be constructed on private easement and some state and county rights-of-way. The Cumberland Falls State Park and Riverwoods Environmental Center sites are underlain with sandstone, siltstone, and shale.

**8. Financial – Existing Potable Water System & Proposed Improvements**

**a. Construction and Project Costs**

Construction and project cost estimates are based on the bids dated January 29, 2008 for Contract 3-2007. Construction bids for the work in the amount of \$574,467.00 are shown in the bid tabulations included in Appendix, Exhibit 1. Based on this construction cost, the breakdown of the estimated total project cost of \$1,040,000.00 is presented in Table 1.

**Table 1 – Total Project Cost Estimate**

Total Construction	\$574,467.00
Change Order #1 (to be processed)	75,000.00
Contingencies	170,576.88
Administrative and Legal	10,000.00
Land and Easements	5,000.00
Environmental Assessment	15,000.00
Engineering Fees <sup>1</sup>	126,608.00
Project Inspection Fees	49,728.00
Interest	<u>13,620.12</u>
<b>TOTAL PROJECT COST ESTIMATE</b>	<b>\$1,040,000.00</b>

<sup>1</sup> Engineering:	Preliminary Services	\$15,000.00
	Basic Services	76,608.00
	Additional Services	<u>35,000.00</u>
		\$126,608.00

**b. Project Budget**

A summary of the proposed project funding is as follows:

ARC Grant	\$500,000.00
RUS Grant	390,000.00
RUS Loan	<u>150,000.00</u>
<b>TOTAL ESTIMATED PROJECT FUNDING</b>	<b>\$1,040,000.00</b>

**c. Operation and Maintenance Costs**

Estimated annual operation and maintenance (O&M) costs for potable water services are presented in Table 2. The 'Actual Existing System 2007' O&M expenses were taken from a report by Gilbert & Gilbert Accountants for the McCreary County Water District in February 2008, which is included in Appendix, Exhibit 2. The 'Projected Existing System 2009' O&M expenses reflect a 3% annual increase, which is based on high escalating material costs and inflation pricing. The estimated expenses for Contracts 2, 2A, and 3-2007 are included in the final columns. The 2009 O&M expenses herein are estimated for the year ending December 31, 2009.

**Table 2 – Estimated Annual O&M Costs for Potable Water Service**

	<u>Actual Existing System 2007</u>	<u>Projected Existing System 2009</u>	<u>Projected Cont. 2 &amp; 2A-2007 New Users 2009</u>	<u>Projected Cont. 3-2007 New Users 2009</u>
Maintenance, Expenses, Depreciation, & Treatment	\$1,275,559	\$1,353,241	\$6,000	\$5,000
Contractual & Other Expenses	414,326	439,558	6,000	5,000
Customer Accounts Expenses	0	0	0	0
Administrative & General Expenses	<u>1,028,458</u>	<u>1,091,091</u>	<u>6,000</u>	<u>5,000</u>
<b>TOTAL EST. ANNUAL O&amp;M COSTS</b>	<b>\$2,718,343</b>	<b>\$2,883,890</b>	<b>\$18,000</b>	<b>\$15,000</b>

**d. Debt Service**

The total amount of funds required from outside sources to finance the project cost of \$1,040,000 includes an Appalachian Regional Commission (ARC) Grant for \$500,000, an USDA Rural Utilities Service (RUS) Grant for \$390,000, and an RUS Loan for \$150,000. To retire the \$150,000 RUS Loan at 4.125% would require equal annual debt service payments of \$7,830 over a 38-year period. Financial data regarding Contract 2 & 2A-2007 are included herein as it will impact the total current debt services.

The revenue required using a straight 10% debt service coverage is as follows:

Existing Principal and Interest (high)	\$464,950
Contract 2 & 2A-2007 Principal and Interest (average)	16,960
Contract 3-2007 Principal and Interest (average)	<u>7,830</u>
 Total Principal and Interest	 \$489,740
 10% Coverage on Existing Debt Service	 \$46,495
10% Coverage on Contract 2 & 2A-2007 Debt Service	1,696
10% Coverage on Contract 3-2007 Debt Service	<u>783</u>
 <b>TOTAL COVERAGE</b>	 <b>\$538,714</b>

**e. Required Income**

The total income required to meet the estimated obligations for both the existing and proposed systems is presented in Table 3.

**Table 3 – Estimated Annual Required Income for Potable Water Service**

	<b>Existing System</b>	<b>Cont. 2 &amp; 2A-2007 Project</b>	<b>Cont. 3-2007 Project</b>
O&M Costs	\$2,883,890	\$18,000	\$15,000
Principal & Interest	464,950	16,960	7,830
10% Coverage	<u>46,495</u>	<u>1,696</u>	<u>783</u>
Subtotal	3,395,335	36,656	23,613
Less Interest Income	<u>0</u>	<u>0</u>	<u>0</u>
Subtotal	3,395,335	36,656	23,613

**ESTIMATED INCOME REQUIRED**

**\$3,455,604**

**f. Rate Analysis**

1. In order to predict the annual revenue from the existing and proposed systems, the projected average monthly potable water usage outlined in Section 5 of this report will be used.

2. Below is the District's rate schedule for 2008 Potable Water Service:

Residential & Commercial:	
First 2,000 gallons	\$14.95 (minimum bill)
Over 2,000 gallons	4.95 per 1,000 gallons
Prison:	
First 1,950,000 gallons	\$9,657.55 (minimum bill)
Over 1,950,000 gallons	4.95 per 1,000 gallons
Whitley County & Oneida, TN Master Meters:	
Per 1,000 gallons	\$3.48 per 1,000 gallons

Using this rate schedule, the average monthly usages in Section 5, and the present number of customers (6,123), the expected annual income is as follows:

Projected Existing System:

Subtotal <sup>1</sup>	\$2,490,860
-----------------------	-------------

<sup>1</sup> See the Forecast of Water Usage for the Existing System from January 2007 to December 2007 using the existing rate schedule in Appendix, Exhibit 3.

Contract 2 & 2A-2007 Project:

Subtotal <sup>2</sup>	\$16,157
-----------------------	----------

<sup>2</sup> See the Forecast of Water Usage for the Contract 2 & 2A-2007 Project using the existing rate schedule in Appendix, Exhibit 4.

Contract 3-2007 Project:

Subtotal <sup>3</sup>	\$68,572
-----------------------	----------

<sup>3</sup> See the Forecast of Water Usage for the Contract 3-2007 Project using the existing rate schedule in Appendix, Exhibit 5.

**TOTAL ESTIMATED INCOME  
(PER EXISTING RATE SCHEDULE) \$2,575,589**

With the proposed income of \$2,575,589 and an estimated annual income required (including debt service coverage at 10%) of \$3,455,604, the existing potable water system and these projects are not economically feasible without an adjustment to the existing rate schedule.

Additionally, the McCreary County Water District's O&M costs have dramatically increased over the past three years due to the increased cost of fuel, materials, and supplies. This increase is outlined in the report from Gilbert & Gilbert Accountants showing the expenses from January 2007 through December 2007.

**g. Proposed Rate**

1. Below is the proposed District's rate schedule for Potable Water Service:

Residential & Commercial:	
First 2,000 gallons	\$15.55 (minimum bill)
Over 2,000 gallons	5.75 per 1,000 gallons

Prison:	
First 1,950,000 gallons	\$11,212.50 (minimum bill)
Over 1,950,000 gallons	5.75 per 1,000 gallons
Whitley County & Oneida, TN Master Meters:	
Per 1,000 gallons	\$3.48 per 1,000 gallons
Cumberland Falls State Park:	
First 600,000 gallons	\$2,600.00 (minimum bill)
Over 600,000 gallons	3.48 per 1,000 gallons
Riverwoods Environmental Center:	
First 450,000 gallons	\$1,860.00 (minimum bill)
Over 450,000 gallons	3.48 per 1,000 gallons

Using this rate schedule, the average monthly usages in Section 5, and the present number of customers (6,123), the expected annual income is as follows:

Projected Existing System:

Subtotal <sup>1</sup>	\$2,745,621
-----------------------	-------------

<sup>1</sup> See the Forecast of Water Usage for the Existing System using the proposed rate schedule in Appendix, Exhibit 6.

Contract 2 & 2A-2007 Project:

Subtotal <sup>2</sup>	\$17,679
-----------------------	----------

<sup>2</sup> See the Forecast of Water Usage for the Contract 2 & 2A-2007 Project using the proposed rate schedule in Appendix, Exhibit 7.

Contract 3-2007 Project:

Subtotal <sup>3</sup>	\$68,572
-----------------------	----------

<sup>3</sup> See the Forecast of Water Usage for the Contract 3-2007 Project using the proposed rate schedule in Appendix, Exhibit 8.

<b>TOTAL ESTIMATED INCOME (PER PROPOSED RATE SCHEDULE)</b>	<b>\$2,831,872</b>
--	--------------------

The proposed rate increase shows that MCWD will still lose monies for the 2009 fiscal year. The O&M costs include a depreciation value of \$664,212. This is a real number that MCWD is looking to overcome, but due to the rural nature and limited incomes of their community, the MCWD is trying to implement a rate increase that will not hinder the existing utility users. A future rate increase may be implemented in a few years to recover the existing O&M costs, including depreciation, if the study shows that the income does not meet the projected O&M costs with depreciation. Additionally, the MCWD is optimistic that new users will continue to sign-up for services, which will assist in obtaining the additional income needed to recover this cost. The projected potable water O&M costs for 2009 based on a 3% annual increase and excluding depreciation is \$2,791,391, which is recoverable with the proposed rate increase.



9. **Financial – Existing Sanitary Sewer System**

**a. Operation and Maintenance Costs**

Estimated annual operation and maintenance (O&M) costs for sanitary sewer services are presented in Table 4. The 'Actual Existing System 2007' O&M expenses were taken from a report by Gilbert & Gilbert Accountants for the McCreary County Water District in February 2008. The 'Projected Existing System 2009' O&M expenses reflect a 3% annual increase, which is based on high escalating material costs and inflation pricing. The 2009 O&M expenses herein are estimated for the year ending December 31, 2009.

**Table 4 – Estimated Annual O&M Costs for Sanitary Sewer Service**

	<b>Actual Ex. <u>System 2007</u></b>	<b>Projected Ex. <u>System 2009</u></b>
Maintenance, Expenses, Depreciation, & Treatment	\$613,330	\$650,682
Contractual & Other Expenses	29,804	31,619
Customer Accounts Expenses	0	0
Administrative & General Expenses	<u>234,251</u>	<u>248,517</u>
<b>TOTAL ESTIMATED ANNUAL O&amp;M COSTS</b>	<b>\$877,385</b>	<b>\$930,818</b>

**b. Debt Service**

The existing debt service is outlined below. The revenue required using a straight 10% debt service coverage is as follows:

Existing Principal and Interest (high)	\$117,945
Total Principal and Interest	\$117,945
10% Coverage on Existing Debt Service	\$11,795
<b>TOTAL COVERAGE</b>	<b>\$129,740</b>

**c. Required Income**

The total income required to meet the estimated obligations for the existing system is presented in Table 5.

**Table 5 – Estimated Annual Required Income for Sanitary Sewer Service**

	<b><u>Existing System</u></b>
O&M Costs	\$930,818
Principal & Interest	117,945
10% Coverage	<u>11,795</u>
Subtotal	1,060,558
Less Interest Income	<u>0</u>
Subtotal	1,060,558

**ESTIMATED INCOME REQUIRED** **\$1,060,558**

**d. Rate Analysis**

1. In order to predict the annual revenue from the existing system, the projected average monthly sanitary sewer usage outlined in Section 6 of this report will be used.
2. Below is the District's rate schedule for 2008 Sanitary Sewer Service:

Residential:	
First 2,000 gallons	\$8.10 (minimum bill)
Next 8,000 gallons	4.30 per 1,000 gallons
Next 10,000 gallons	3.40 per 1,000 gallons
All Over 20,000 gallons	2.70 per 1,000 gallons

Commercial:	
First 2,000 gallons	\$10.80 (minimum bill)
Next 8,000 gallons	5.80 per 1,000 gallons
Next 10,000 gallons	4.50 per 1,000 gallons
All Over 20,000 gallons	3.60 per 1,000 gallons

Prison:	
First 1,300,000 gallons	\$4,680.00 (minimum bill)
Over 1,300,000 gallons	3.60 per 1,000 gallons

Using this rate schedule, the average monthly usages in Section 6, and the present number of customers (879), the expected annual income is as follows:

Projected Existing System:

Subtotal <sup>1</sup> \$505,062

<sup>1</sup> See the Forecast of Sanitary Sewer Usage for the Existing System from January 2007 to December 2007 using the existing rate schedule in Appendix, Exhibit 9.

**TOTAL ESTIMATED INCOME  
(PER EXISTING RATE SCHEDULE) \$505,062**

With the proposed income of \$505,062 and an estimated annual income required (including debt service coverage at 10%) of \$1,060,558, the existing sanitary sewer system is not economically feasible without an adjustment to the existing rate schedule.

Additionally, the McCreary County Water District's O&M costs have dramatically increased over the past three years due to the increased cost of fuel, materials, and supplies. This increase is outlined in the report from Gilbert & Gilbert Accountants showing the expenses from January 2007 through December 2007.

**e. Proposed Rate**

1. Below is the proposed District's rate schedule for Sanitary Sewer Service:

Residential/Commerical:	
First 2,000 gallons	\$12.25 (minimum bill)
Next 8,000 gallons	5.65 per 1,000 gallons
Next 10,000 gallons	4.85 per 1,000 gallons
All Over 20,000 gallons	4.25 per 1,000 gallons

Prison:	
First 1,300,000 gallons	\$5,525.00 (minimum bill)
Over 1,300,000 gallons	4.25 per 1,000 gallons

Using this rate schedule, the average monthly usages in Section 6, and the present number of customers (879), the expected annual income is as follows:

Projected Existing System:

Subtotal <sup>2</sup> \$636,528

<sup>2</sup> See the Forecast of Sanitary Sewer Usage for the Existing System using the proposed rate schedule in Appendix, Exhibit 10.

**TOTAL ESTIMATED INCOME  
(PER PROPOSED RATE SCHEDULE) \$636,528**

The proposed rate increase shows that MCWD will still lose monies for the 2009 fiscal year. The O&M costs include a depreciation value of \$436,053. This is a real number that MCWD is looking to overcome, but due to the rural nature and limited incomes of their community, the MCWD is trying to implement a rate increase that will not hinder the existing users. A future rate increase may be implemented in a few years to recover the existing O&M costs, including depreciation, if the study shows the income does not meet the projected O&M costs with depreciation. Additionally, the MCWD is optimistic that new users will continue to sign-up for services, which will assist in obtaining the additional income needed to recover this cost. The projected sanitary sewer O&M costs for 2009 based on a 3% annual increase and excluding depreciation is \$624,505, which is recoverable with the proposed rate increase.

**10. Summary and Conclusions**

The Cumberland Falls State Park & Riverwoods Environmental Center Water Main Extensions Project (Contract 3-2007) consists of approximately 15,250 linear feet of 6" water main, two master meter vaults, pump station upgrades, a pressure reducing valve & pit replacement, and related appurtenances along KY 90 in McCreary and Whitley Counties to provide a reliable source of potable water to the Cumberland Falls State Park and the Riverwoods Environmental Center.

The recommended financing for the portion of the proposed Cumberland Falls State Park & Riverwoods Environmental Center Water Main Extensions Project (Contract 3-2007) not covered by the ARC Grant of \$500,000 and the RUS Grant of \$390,000 is covered with a RUS Loan in the amount of \$150,000. This loan of \$150,000 at 4.125% for 38-years in conjunction with the other funding sources and rate increase makes this improvement project feasible. This project should economically support itself based on the funding received.

Signed:

Strand Associates, Inc.  
325 West Main Street, Suite 710  
Louisville, Kentucky 40202

By:   
Mark C. Askin, P.E.



## APPENDIX

**Appendix, Exhibit 1 – Bid Tabulations, Contract 3-2007**

Bids Received: 10:00 AM  
 Tuesday, January 29, 2008

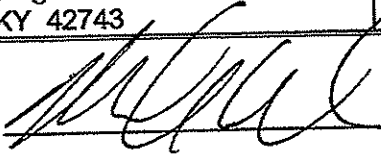
STRAND ASSOCIATES, INC.®  
 325 West Main Street, Suite 710  
 Louisville, Kentucky 40202

CUMBERLAND FALLS STATE PARK/RIVERWOODS ENVIRONMENTAL CENTER  
 WATER MAIN EXTENSION  
 CONTRACT 3-2007  
 MCCREARY COUNTY WATER DISTRICT

BID TABULATION SUMMARY

Bidder and Address	Bid Bond or Guarantee	Addenda Acknowledged	Computed Total Bid	Alternative Bid No. 1	Alternative Bid No. 2
Clay Pipeline 70 Fox Hollow Road Manchester, KY 40962	Bond	N/A	\$481,327.00	\$68,840.00	\$24,300.00
Cleary Construction, Inc. 2006 Edmonton Road Tompkinsville, KY 42167	Bond	N/A	\$492,235.00	\$69,350.00	\$17,280.00
Anderson Contracting, Inc. 2398 North Highway 25W Williamsburg, KY 40769	Bond	N/A	\$519,362.50	\$97,315.00	\$17,820.00
D.F. Bailey, Inc. 3053 US 60 East PO Box 439 Owingsville, KY 40360	Bond	N/A	\$551,947.45	\$85,624.38	\$44,911.80
Akins Excavating Company, Inc. 182 Busy Lane Corbin, KY 40701	Bond	N/A	\$607,259.50	\$63,174.00	\$21,600.00
Walter Martin Excavating, Inc. 698 Highway 1363 Russell Springs, KY 42642	Bond	N/A	\$629,050.00	\$86,415.00	\$36,720.00
Stotts Construction Company, Inc. PO Box 1689 Columbia, KY 42728	Bond	N/A	\$656,585.00	\$85,200.00	\$27,000.00

Bidder and Address	Bid Bond or Guarantee	Addenda Acknowledged	Computed Total Bid	Alternative Bid No. 1	Alternative Bid No. 2
K. Carrender Construction Company, Inc. 200 Ringgold Road Somerset, KY 42503	Bond	N/A	\$735,630.00	\$121,940.00	\$48,600.00
Staton Construction, Co., Inc. 284 Moores Ferry Road Salt Lick, KY 40371	Bond	N/A	\$791,157.50	\$113,000.00	\$108,000.00
Garrison Construction Company, Inc. 6960 Greensburg Road Greensburg, KY 42743		N/A	\$1,035,355.00	\$177,457.50	\$18,900.00

Reviewed by:  \_\_\_\_\_

Bids Received: 10 AM, January 29, 2008

STRAND ASSOCIATES, INC.  
325 West Main Street, Suite 710  
Louisville, KY 40202

CUMBERLAND FALLS STATE PARK/RIVERWOODS ENVIRONMENTAL CENTER WATER MAIN EXTENSION  
CONTRACT 3-2007

MCCREARY COUNTY WATER DISTRICT

BID TABULATION BREAKDOWN

				Clay Pipeline 70 Fox Hollow Road Manchester, KY 40962		Cleary Construction, Inc. 2006 Edmonton Road Tompkinsville, KY 42167		Anderson Contracting, Inc. 2398 North Highway 25W Williamsburg, KY 40769		D.F. Bailey, Inc. P.O. Box 439 Owingsville, KY 40360	
No.	Description	Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1.	6 IN PVC Class 200 Pipe, ASTM D2241 SDR 21, furnishing, trenching, laying, and backfilling, INCL all associated tees, reducers and bends (unclassified excavation).	4,845	LF	\$ 11.00	\$ 53,295.00	\$ 16.00	\$ 77,520.00	\$ 13.50	\$ 65,407.50	\$ 17.80	\$ 86,241.00
2.	6 IN PVC Class 150 Pipe, AWWA C900 DR 18, furnishing, trenching, laying, and backfilling, INCL all associated tees, reducers, and bends (unclassified excavation).	600	LF	\$ 11.70	\$ 7,020.00	\$ 19.00	\$ 11,400.00	\$ 16.50	\$ 9,900.00	\$ 18.72	\$ 11,232.00
3.	6 IN PVC Class 200 Pipe, AWWA C900 DR 14, furnishing, trenching, laying, and backfilling, INCL all associated tees, reducers, and bends (unclassified excavation).	3,120	LF	\$ 12.65	\$ 39,468.00	\$ 19.00	\$ 59,280.00	\$ 18.75	\$ 58,500.00	\$ 19.84	\$ 61,900.80
4.	6 IN DIP, Class 51, AWWA C150 and C151, furnishing, trenching, laying, and backfilling, INCL all associated tees, reducers, and bends (unclassified excavation).	3,445	LF	\$ 18.20	\$ 62,699.00	\$ 25.00	\$ 86,125.00	\$ 28.00	\$ 96,460.00	\$ 27.37	\$ 94,289.65
5.	10 IN steel cover pipe, furnishing and installing, trenching under state maintained roads, INCL unclassified excavation for boring and/or jacking pits (water pipe not included).	430	LF	\$ 123.00	\$ 52,890.00	\$ 125.00	\$ 53,750.00	\$ 130.00	\$ 55,900.00	\$ 116.82	\$ 50,232.60



				Clay Pipeline 70 Fox Hollow Road Manchester, KY 40962		Cleary Construction, Inc. 2006 Edmonton Road Tompkinsville, KY 42167		Anderson Contracting, Inc. 2398 North Highway 25W Williamsburg, KY 40769		D.F. Bailey, Inc. P.O. Box 439 Owingsville, KY 40360	
No.	Description	Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
6.	16 IN steel cover pipe, furnishing and installing, open-cut in state maintained roads, pavement patching, entire width of bridge pavement resurfacing and striping whole road (water pipe not included).	540	LF	\$ 160.00	\$ 86,400.00	\$ 100.00	\$ 54,000.00	\$ 105.00	\$ 56,700.00	\$ 224.21	\$ 121,073.40
7.	6 IN C.I. AWWA N.R.S. gate valve and box, CIP.	3	EA	\$ 940.00	\$ 2,820.00	\$ 650.00	\$ 1,950.00	\$ 780.00	\$ 2,340.00	\$ 579.89	\$ 1,739.67
8.	6 IN blowoff hydrant for all size water mains INCL gate valve, box, and all appurtenances, CIP, as per detail.	1	EA	\$ 3,800.00	\$ 3,800.00	\$ 2,850.00	\$ 2,850.00	\$ 2,400.00	\$ 2,400.00	\$ 2,816.62	\$ 2,816.62
9.	Cleanup and restoration INCL furnishing, material, and labor.	12,010	LF	\$ 1.00	\$ 12,010.00	\$ 1.00	\$ 12,010.00	\$ 1.00	\$ 12,010.00	\$ 1.08	\$ 12,970.80
10.	Crushed rock on trench surface at roadway crossings, streets, and driveways.	200	LF	\$ 20.00	\$ 4,000.00	\$ 15.00	\$ 3,000.00	\$ 10.25	\$ 2,050.00	\$ 16.45	\$ 3,290.00
11.	Bituminous pavement replacement at roadway crossings, streets, and driveways, INCL crushed rock trench backfill.	200	LF	\$ 58.00	\$ 11,600.00	\$ 25.00	\$ 5,000.00	\$ 28.50	\$ 5,700.00	\$ 34.02	\$ 6,804.00
12.	Concrete pavement replacement at roadway crossings, streets, and driveways, INCL crushed rock trench backfill.	200	LF	\$ 110.00	\$ 22,000.00	\$ 50.00	\$ 10,000.00	\$ 32.50	\$ 6,500.00	\$ 39.02	\$ 7,804.00
13.	Special bridge crossing meter box per details, INCL valve, meter, meter box, etc. INCL furnishing, material, and labor.	1	EA	\$ 1,725.00	\$ 1,725.00	\$ 1,750.00	\$ 1,750.00	\$ 6,625.00	\$ 6,625.00	\$ 1,725.00	\$ 1,725.00
14.	Cumberland Falls Master Meter and Altitude Valve Vault, furnishing, trenching, laying, building, foundation, site grading, backfilling, and all items on site plan and detail, INCL precast concrete vault w/aluminum access hatch, two combination master meters, one altitude valve, gate valves, check valve, tees, reducers, and bends (unclassified excavation).	1	EA	\$ 29,000.00	\$ 29,000.00	\$ 26,500.00	\$ 26,500.00	\$ 35,300.00	\$ 35,300.00	\$ 27,467.42	\$ 27,467.42

				Clay Pipeline 70 Fox Hollow Road Manchester, KY 40962		Cleary Construction, Inc. 2006 Edmonton Road Tompkinsville, KY 42167		Anderson Contracting, Inc. 2398 North Highway 25W Williamsburg, KY 40769		D.F. Bailey, Inc. P.O. Box 439 Owingsville, KY 40360	
No.	Description	Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
15.	Riverwoods Master Meter Vault, furnishing, trenching, laying, building, foundation, site grading, backfilling, and all items on site plan and detail, INCL precast concrete vault w/aluminum access hatch, two combination master meters, gate valves, check valve, tees, reducers, and bends (unclassified excavation).	1	EA	\$ 31,200.00	\$ 31,200.00	\$ 23,500.00	\$ 23,500.00	\$ 33,300.00	\$ 33,300.00	\$ 21,384.69	\$ 21,384.69
16.	Bridge crossing pipe insulation, furnishing, trenching, laying, and backfilling INCL 6 IN DIP carrier pipe, Class 51, AWWA C150 and C151, rigid polyurethane foam insulation, and black polyethylene jacket w/UV inhibitor (unclassified excavation).	540	LF	\$ 60.00	\$ 32,400.00	\$ 65.00	\$ 35,100.00	\$ 73.00	\$ 39,420.00	\$ 32.89	\$ 17,760.60
17.	Telemetry control system for Cumberland Falls State Park Master Meter/Altitude Vault; existing Cumberland Falls State Park Tank, and McCreary County Water District's Master Panel, INCL material, labor, installation, and testing, per Specifications.	1	EA	\$ 22,000.00	\$ 22,000.00	\$ 23,500.00	\$ 23,500.00	\$ 24,300.00	\$ 24,300.00	\$ 19,373.82	\$ 19,373.82
18.	Tie-in to existing water mains INCL tapping saddle, tapping gate valve, etc. furnishing and installation INCL unclassified excavation.	2	EA	\$ 3,500.00	\$ 7,000.00	\$ 2,500.00	\$ 5,000.00	\$ 3,275.00	\$ 6,550.00	\$ 1,920.69	\$ 3,841.38
ENGINEER'S COMPUTED TOTAL ITEMS NO. 1 THROUGH 18						\$ 481,327.00		\$ 492,235.00		\$ 519,362.50	\$ 551,947.45
CONTRACTOR'S COMPUTED TOTAL ITEMS NO. 1 THROUGH 18						\$481,327.00		\$492,235.00		\$ 519,362.50	\$ 551,947.45

Reviewed by 

**Appendix Exhibit 2 - MCWD Financial Report by Gilbert & Gilbert Accountants**

**SEWER BASED ON 2007 REVIEW**

Maintenance, Expense, & Treatment	\$ 202,307.55
Contractual & Other Expenses	\$ 29,804.16
Administrative & General Expenses	\$ 234,251.66
<b>TOTAL EXPENSES</b>	<b>\$ 466,363.37</b>
Depreciation	\$ 411,022.00
<b>TOTAL EXPENSES INCLUDING DEPRECIATION</b>	<b>\$ 877,385.37</b>

**WATER BASED ON 2007 REVIEW**

Maintenance, Expense, & Treatment	\$ 649,474.56
Contractual & Other Expenses	\$ 414,325.95
Administrative & General Expenses	\$1,028,457.86
<b>TOTAL EXPENSES</b>	<b>\$2,092,258.37</b>
Depreciation	\$ 626,084.40
<b>TOTAL EXPENSES INCLUDING DEPRECIATION</b>	<b>\$2,718,342.77</b>

Appendix Exhibit 3 - Forecast of Water Usage for the Existing System - Existing Rate Schedule

All Meter Size	Monthly Water Usage	Average	APARTMENTS AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			TOTAL
			No. of Users	Usage	Income	
	0 - 2,000 Gallons	1,150	4	1,150	717.60	
			APARTMENTS AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
	15,000 - 16,000 Gallons	15,815	29	15,815	29,655.80	\$ 29,373.40
			COMMERCIAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
	0 - 2,000 Gallons	730	135	730	24,396.40	
			COMMERCIAL AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
	17,000 - 18,000 Gallons	17,335	116	17,335	128,467.79	\$ 150,868.19
			CHURCH NON PROFIT AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
	0 - 2,000 Gallons	489	49	489	8,790.60	
			CHURCH NON PROFIT AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
	6,000 - 7,000 Gallons	6,207	14	6,207	8,010.14	\$ 14,800.74
			EDUCATIONAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
	0 - 2,000 Gallons	255	10	255	1,764.00	
			EDUCATIONAL AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
	48,000 - 49,000 Gallons	45,030	13	45,030	95,859.97	\$ 37,353.87
			FARMSTEAD AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
	0 - 2,000 Gallons	0	-	-	0.00	
			FARMSTEAD AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
	11,000 - 12,000 Gallons	14,016	1	14,016	893.15	\$ 893.15
			GOVERNMENT USAGE UNDER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
	0 - 2,000 Gallons	740	53	740	8,508.20	
			GOVERNMENT AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
	32,000 - 33,000 Gallons	38,514	38	38,514	89,236.60	\$ 98,744.80
			WHITLEY COUNTY MASTER METER USAGE OVER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
	32,000 - 33,000 Gallons	218,250	1	218,250	8,114.12	\$ 9,114.12
			ONEIDA MASTER METER USAGE OVER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
	32,000 - 33,000 Gallons	995,000	1	995,000	41,551.20	\$ 41,551.20
			PRISON AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
	5,498,000 - 5,499,000 Gall	5,498,920	1	5,498,920	324,914.45	\$ 324,914.45
			FIRE DEPARTMENT AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
	0 - 2,000 Gallons	483	6	483	1,078.40	
			FIRE DEPARTMENT AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
	3,000 - 4,000 Gallons	3,787	9	3,787	858.43	\$ 1,934.83
			INDUSTRIAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
	0 - 2,000 Gallons	488	2	488	358.60	
			INDUSTRIAL AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
	48,000 - 49,000 Gallons	48,919	3	48,919	8,899.17	\$ 9,257.97
			RESIDENTIAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
	0 - 2,000 Gallons	1,014	1,654	1,014	296,727.60	
			RESIDENTIAL AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
	5,000 - 6,000 Gallons	5,128	4,027	5,128	1,470,873.29	\$ 1,767,400.89
			NON - RESIDENTIAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
	0 - 2,000 Gallons	1,000	1	1,000	1,765.38	
			NON - RESIDENTIAL AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
	47,000 - 48,000 Gallons	47,608	1	47,608	2,688.52	\$ 4,653.90
			TOTAL INCOME EXISTING SYSTEM			\$ 2,490,859.59

**Appendix Exhibit 4 - Forecast of Water Usage for the Contract 2 & 2A-2007 Project - Existing Rate Schedule**

All Meter Sizes	Monthly Water Usage	Average	NEW LIBERTY WATER MAIN EXTS. AVG. USAGE OVER 2,000 GALLONS PER MONTH			TOTAL
			No. of Users	Usage	Income	
	4,000 - 5,000 Gallons	4,420	50	4,420	16,157.40	\$ 16,157.40
TOTAL INCOME FUTURE SYSTEM						\$ 16,157.40

McCreary County Water District

Appendix Exhibit 5 - Forecast of Water Usage for the Contract 3-2007 Project - Existing Rate Schedule

All Meter Sizes	Monthly Water Usage	Average		TOTAL
<b>CUMBERLAND FALLS STATE PARK AVERAGE USAGE OVER 2,000 GALLONS PER MONTH</b>				
			No. of Users	Usage
				Income
960,000 - 961,000 Gallon	960,450		1	960,450 46,252.39
				\$ 46,252.39
<b>RIVERWOODS ENVIRONMENTAL CENTER AVG. USAGE UNDER 2,000 GALLONS PER MONTH</b>				
			No. of Users	Usage
				Income
0 - 2,000 Gallons	450,000		1	450,000 22,320.00
				\$ 22,320.00
			<b>TOTAL INCOME FUTURE SYSTEM</b>	
				<b>\$ 68,572.39</b>

Appendix Exhibit 6 - Forecast of Water Usage for the Existing System - Proposed Rate Schedule

All Meter Sizes	Monthly Water Usage	Average	APARTMENTS AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			TOTAL
			No. of Users	Usage	Income	
	0 - 2,000 Gallons	1,150	4	1,150	748.40	
			APARTMENTS AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	15,000 - 16,000 Gallons	15,615	29	15,615	32,655.02	\$ 33,401.42
			COMMERCIAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
	0 - 2,000 Gallons	730	136	730	25,377.60	
			COMMERCIAL AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	17,000 - 18,000 Gallons	17,335	116	17,335	144,378.94	\$ 169,756.54
			CHURCH NON PROFIT AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
	0 - 2,000 Gallons	489	49	489	9,143.40	
			CHURCH NON PROFIT AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	6,000 - 7,000 Gallons	6,207	14	6,207	6,676.36	\$ 15,819.76
			EDUCATIONAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
	0 - 2,000 Gallons	255	10	255	1,866.00	
			EDUCATIONAL AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	48,000 - 49,000 Gallons	45,030	13	45,030	41,023.71	\$ 42,889.71
			FARMSTEAD AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
	0 - 2,000 Gallons	0	-	-	0.00	
			FARMSTEAD AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	11,000 - 12,000 Gallons	14,016	1	14,016	1,015.70	\$ 1,015.70
			GOVERNMENT USAGE UNDER 2,000 GALLONS PER MONTH			
	0 - 2,000 Gallons	740	53	740	9,889.80	
			GOVERNMENT AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	32,000 - 33,000 Gallons	38,514	38	38,514	102,830.51	\$ 112,720.31
			WHITLEY COUNTY MASTER METER USAGE OVER 2,000 GALLONS PER MONTH			
	32,000 - 33,000 Gallons	218,250	1	218,250	9,114.12	\$ 9,114.12
			ONEIDA MASTER METER USAGE OVER 2,000 GALLONS PER MONTH			
	32,000 - 33,000 Gallons	895,000	1	895,000	41,551.20	\$ 41,551.20
			PRISON AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	5,498,000 - 5,499,000 Galk	5,498,920	1	5,498,920	373,905.48	\$ 373,905.48
			FIRE DEPARTMENT AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
	0 - 2,000 Gallons	493	8	493	1,119.60	
			FIRE DEPARTMENT AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	3,000 - 4,000 Gallons	3,797	3	3,797	891.78	\$ 2,051.38
			INDUSTRIAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
	0 - 2,000 Gallons	488	2	488	373.20	
			INDUSTRIAL AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	48,000 - 49,000 Gallons	48,919	3	48,919	10,272.03	\$ 10,645.23
			RESIDENTIAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
	0 - 2,000 Gallons	1,014	1,654	1,014	308,636.40	
			RESIDENTIAL AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	5,000 - 6,000 Gallons	5,128	4,027	5,128	1,620,593.66	\$ 1,929,230.06
			NON - RESIDENTIAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
	0 - 2,000 Gallons	1,000	1	1,000	186.60	
			NON - RESIDENTIAL AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	47,000 - 48,000 Gallons	47,608	1	47,608	3,333.55	\$ 3,520.15
<b>TOTAL INCOME FUTURE SYSTEM</b>						<b>\$ 2,745,621.06</b>

**Appendix Exhibit 7 - Forecast of Water Usage for the Contract 2 & 2A-2007 Project - Proposed Rate Schedule**

<u>All Meter Sizes</u>	<u>Monthly Water Usage</u>	<u>Average</u>				<u>TOTAL</u>
<b>NEW LIBERTY WATER MAIN EXTS. AVG. USAGE OVER 2,000 GALLONS PER MONTH</b>						
			<u>No. of Users</u>	<u>Usage</u>	<u>Income</u>	
4,000 - 5,000 Gallons		4,420	50	4,420	17,679.00	\$ 17,679.00
<b>TOTAL INCOME FUTURE SYSTEM</b>						<b>\$ 17,679.00</b>



McCreary County Water District

Appendix Exhibit B - Forecast of Water Usage for the Contract 3-2007 Project - Proposed Rate Schedule

All Meter Size	Monthly Water Usage	Average	APARTMENTS AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			TOTAL
			No. of Users	Usage	Income	
			CUMBERLAND FALLS STATE PARK AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
	960,000 - 981,000 Gallon	960,450	1	960,450	46,252.39	\$ 46,252.39
			RIVERWOODS ENVIROMENTAL CENTER AVG. USAGE UNDER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
	0 - 2,000 Gallons	450,000	1	450,000	22,320.00	\$ 22,320.00
			TOTAL INCOME FUTURE SYSTEM			\$ 68,572.39

Appendix Exhibit 9 - Forecast of Sanitary Sewer Usage for the Existing System - Existing Rate Schedule

All Meter Sizes	Monthly Sanitary Usage	Average				TOTAL
	0 - 2,000 Gallons	469	APARTMENTS AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
			7	469	907.20	
	2,000 - 10,000 Gallons	5,352	APARTMENTS AVERAGE USAGE 2,000 to 10,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
			7	5,352	2,540.29	
	10,000 - 20,000 Gallons	14,282	APARTMENTS AVERAGE USAGE 10,000 to 20,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
			7	14,282	6,427.18	
	20,000 - Plus Gallons	37,194	APARTMENTS AVERAGE USAGE OVER 20,000 GALLONS PER MONTH			\$ 21,689.76
			No. of Users	Usage	Income	
			6	37,194	11,815.08	
	0 - 2,000 Gallons	778	COMMERCIAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
			71	778	9,201.50	
	2,000 - 10,000 Gallons	4,594	COMMERCIAL AVERAGE USAGE 2,000 to 10,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
			43	4,594	13,933.13	
	10,000 - 20,000 Gallons	14,047	COMMERCIAL AVERAGE USAGE 10,000 to 20,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
			11	14,047	9,954.32	
	20,000 - Plus Gallons	60,295	COMMERCIAL AVERAGE USAGE OVER 20,000 GALLONS PER MONTH			\$ 74,029.05
			No. of Users	Usage	Income	
			14	60,295	41,540.02	
	0 - 2,000 Gallons	757	CHURCH NON PROFIT AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
			9	757	874.80	
	2,000 - 10,000 Gallons	4,658	CHURCH NON PROFIT AVERAGE USAGE 2,000 to 10,000 GALLONS PER MONTH			\$ 1,812.21
			No. of Users	Usage	Income	
			4	4,658	837.41	
	0 - 2,000 Gallons	182	EDUCATIONAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
			4	182	388.50	
	2,000 - 10,000 Gallons	5,183	EDUCATIONAL AVERAGE USAGE 2,000 to 10,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
			3	5,183	784.33	
	10,000 - 20,000 Gallons	17,554	EDUCATIONAL AVERAGE USAGE 10,000 to 20,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
			2	17,554	1,636.41	
	20,000 - Plus Gallons	64,602	EDUCATIONAL AVERAGE USAGE OVER 20,000 GALLONS PER MONTH			\$ 14,624.80
			No. of Users	Usage	Income	
			5	64,602	11,815.36	
	0 - 2,000 Gallons	894	GOVERNMENT USAGE UNDER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
			38	894	3,693.50	
	2,000 - 10,000 Gallons	4,126	GOVERNMENT USAGE 2,000 to 10,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
			15	4,126	3,103.52	
	10,000 - 20,000 Gallons	19,442	GOVERNMENT USAGE 10,000 to 20,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
			1	19,442	895.19	
	20,000 - Plus Gallons	91,769	GOVERNMENT USAGE OVER 20,000 GALLONS PER MONTH			\$ 20,665.68
			No. of Users	Usage	Income	
			4	91,769	12,673.28	
	20,000 - Plus Gallons	381,312	METERED GOVERNMENT AVERAGE USAGE OVER 20,000 GALLONS PER MONTH			\$ 25,248.95
			No. of Users	Usage	Income	
			2	381,312	25,248.95	
	20,000 - Plus Gallons	5,043,660	PRISON AVERAGE USAGE OVER 20,000 GALLONS PER MONTH			\$ 218,248.51
			No. of Users	Usage	Income	
			1	5,043,660	218,248.51	
	2,000 - 10,000 Gallons	3,308	FIRE DEPARTMENT AVERAGE USAGE 2,000 to 10,000 GALLONS PER MONTH			\$ 329.39
			No. of Users	Usage	Income	
			2	3,308	329.39	
	0 - 2,000 Gallons	283	INDUSTRIAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
			1	283	129.60	
	2,000 - 10,000 Gallons	2,958	INDUSTRIAL AVERAGE USAGE 2,000 to 10,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
			1	2,958	196.28	
	10,000 - 20,000 Gallons	14,108	INDUSTRIAL AVERAGE USAGE 10,000 to 20,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
			1	14,108	808.23	
	20,000 - Plus Gallons	128,200	INDUSTRIAL AVERAGE USAGE OVER 20,000 GALLONS PER MONTH			\$ 7,134.75
			No. of Users	Usage	Income	
			1	128,200	5,900.54	

RESIDENTIAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH						
	No. of Users	Usage	Income			
0 - 2,000 Gallons	1,040	193	1,040	18,759.60		
RESIDENTIAL AVERAGE USAGE 2,000 to 10,000 GALLONS PER MONTH						
	No. of Users	Usage	Income			
2,000 - 10,000 Gallons	4,308	406	4,308	87,814.88		
RESIDENTIAL AVERAGE USAGE 10,000 to 20,000 GALLONS PER MONTH						
	No. of Users	Usage	Income			
10,000 - 20,000 Gallons	12,852	16	12,652	9,891.23		
RESIDENTIAL AVERAGE USAGE OVER 20,000 GALLONS PER MONTH						
	No. of Users	Usage	Income			
20,000 - Plus Gallons	28,804	4	28,804	4,813.00	\$	121,276.70
<b>TOTAL INCOME EXISTING SYSTEM</b>					<b>\$</b>	<b>505,061.81</b>

McCreary County Water District

Appendix Exhibit 10 - Forecast of Sanitary Sewer Usage for the Existing System - Proposed Rate Schedule

Alt Meter Sizes	Monthly Sanitary Usage	Average	APARTMENTS AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			TOTAL
			No. of Users	Usage	Income	
0 - 2,000 Gallons		469	7	469	1,029.00	
			APARTMENTS AVERAGE USAGE 2,000 to 10,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
2,000 - 10,000 Gallons		5,352	7	5,352	2,619.86	
			APARTMENTS AVERAGE USAGE 10,000 to 20,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
10,000 - 20,000 Gallons		14,292	7	14,292	6,574.36	
			APARTMENTS AVERAGE USAGE OVER 20,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
20,000 - Plus Gallons		37,194	6	37,194	12,889.76	\$ 23,112.98
			COMMERCIAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
0 - 2,000 Gallons		778	71	778	10,437.00	
			COMMERCIAL AVERAGE USAGE 2,000 to 10,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
2,000 - 10,000 Gallons		4,594	43	4,594	13,880.63	
			COMMERCIAL AVERAGE USAGE 10,000 to 20,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
10,000 - 20,000 Gallons		14,047	11	14,047	10,174.29	
			COMMERCIAL AVERAGE USAGE OVER 20,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
20,000 - Plus Gallons		60,295	14	60,295	46,570.23	\$ 81,082.15
			CHURCH NON PROFIT AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
0 - 2,000 Gallons		757	9	757	1,323.00	
			CHURCH NON PROFIT AVERAGE USAGE 2,000 to 10,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
2,000 - 10,000 Gallons		4,658	4	4,658	1,308.85	\$ 2,631.85
			EDUCATIONAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
0 - 2,000 Gallons		192	4	192	588.00	
			EDUCATIONAL AVERAGE USAGE 2,000 to 10,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
2,000 - 10,000 Gallons		5,183	3	5,183	1,088.42	
			EDUCATIONAL AVERAGE USAGE 10,000 to 20,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
10,000 - 20,000 Gallons		17,554	2	17,554	2,258.09	
			EDUCATIONAL AVERAGE USAGE OVER 20,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
20,000 - Plus Gallons		64,602	5	64,602	17,730.28	\$ 21,684.76
			GOVERNMENT USAGE UNDER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
0 - 2,000 Gallons		884	38	884	5,586.00	
			GOVERNMENT USAGE 2,000 to 10,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
2,000 - 10,000 Gallons		4,126	15	4,126	4,367.14	
			GOVERNMENT USAGE 10,000 to 20,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
10,000 - 20,000 Gallons		19,442	1	19,442	1,238.87	
			GOVERNMENT USAGE OVER 20,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
20,000 - Plus Gallons		91,769	4	91,769	19,726.48	\$ 30,918.48
			METERED GOVERNMENT AVERAGE USAGE OVER 20,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
20,000 - Plus Gallons		381,312	2	381,312	39,396.52	\$ 39,398.52
			PRISON AVERAGE USAGE OVER 20,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
20,000 - Plus Gallons		5,043,660	1	5,043,660	257,226.66	\$ 257,226.66
			FIRE DEPARTMENT AVERAGE USAGE 2,000 to 10,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
2,000 - 10,000 Gallons		3,308	2	3,308	471.36	\$ 471.36
			INDUSTRIAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
0 - 2,000 Gallons		283	1	283	147.00	
			INDUSTRIAL AVERAGE USAGE 2,000 to 10,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
2,000 - 10,000 Gallons		2,958	1	2,958	211.95	
			INDUSTRIAL AVERAGE USAGE 10,000 to 20,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
10,000 - 20,000 Gallons		14,108	1	14,108	928.49	
			INDUSTRIAL AVERAGE USAGE OVER 20,000 GALLONS PER MONTH			
			No. of Users	Usage	Income	
20,000 - Plus Gallons		128,200	1	128,200	6,789.60	\$ 8,077.04

RESIDENTIAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH						
		No. of Users	Usage	Income		
0 - 2,000 Gallons	1,040	193	1,040	28,371.00		
RESIDENTIAL AVERAGE USAGE 2,000 to 10,000 GALLONS PER MONTH						
		No. of Users	Usage	Income		
2,000 - 10,000 Gallons	4,308	406	4,308	123,213.85		
RESIDENTIAL AVERAGE USAGE 10,000 to 20,000 GALLONS PER MONTH						
		No. of Users	Usage	Income		
10,000 - 20,000 Gallons	12,652	16	12,652	13,499.94		
RESIDENTIAL AVERAGE USAGE OVER 20,000 GALLONS PER MONTH						
		No. of Users	Usage	Income		
20,000 - Plus Gallons	28,604	4	28,604	6,881.62	\$	171,966.41
<b>TOTAL INCOME EXISTING SYSTEM</b>					<b>\$</b>	<b>636,528.23</b>

**Appendix, Exhibit 11 – Actual Potable Water Usage from 2007**

RUN DATE: 02/29/08 08:32  
TERMINAL: 7

MCCREARY COUNTY WATER DISTRICT  
SINGLE ACCOUNT HISTORY TRACKING FOR 01/20/07 THRU 12/31/07

PAGE 1  
program 10-2-3

ACCOUNT	CUSTOMER'S NAME	SERVICE ADDRESS	CITY	CLASS	GS/FED ID	SERVICE(S)
08-1758-0	ONEIDA WATER &	KY & TENN STATE LINE	STRUNK	6		W

date	type	nt	usage	a/r bal	credits	charges	f/c	tax	tax-1	tax-2	tax-3	tax-4	tax-5	a/f	l/c	totals
11/26/07	BIL	WE	1160.9			4039.93		121.20								4161.13
12/13/07	PAY	WE				-4039.93		-121.20								-4161.13
12/26/07	BIL	WE	829.1			2885.27		86.56								2971.83

REPORT SUMMARY

ABRV	BILLING	PAYMENTS	ADJUSTS.	APP. OF PREVIOUS CREDITS	DEPOSIT & INTREAT REFUNDS	MEMBER FEE REFUNDS	A/R BAL WRITE OFFS	BAD DEBT PAYMENTS	REPORT TOTALS
Charges	6925.20	-4039.93	0.00	0.00	0.00	0.00	0.00	0.00	2885.27
R/A	207.76	-121.20	0.00	0.00	0.00	0.00	0.00	0.00	86.56
=====									
TOTALS	7132.96	-4161.13	0.00	0.00	0.00	0.00	0.00	0.00	2971.83
COUNT	2	1	0	0	0	0	0	0	3

ABBREVIATION DEFINITIONS

abrv	definition
tax	SCHOOL TAX

3.48 per thousand

RUN DATE: 02/29/08 08:32  
 TERMINAL: 7

MCCREARY COUNTY WATER DISTRICT  
 SINGLE ACCOUNT HISTORY TRACKING FOR 01/20/07 THRU 12/31/07

PAGE 1  
 program 10-2-3

ACCOUNT	CUSTOMER'S NAME	SERVICE ADDRESS	CITY	CLASS	SS/FED ID	SERVICE(S)
07-4514-6	WHITLEY COUNTY WATER	3-C LOOP RD	PINE KNOT	G		W

date	type	rt	usage	a/r bal	credits	charges	f/c	tax	tax-1	tax-2	tax-3	tax-4	tax-5	w/f	l/c	totals
07/25/07	BIL	WE	127.0			452.73		13.50								466.31
08/03/07	PAY	WE				-452.73		-13.50								-466.31
08/24/07	BIL	WE	335.3			1174.83		35.24								1210.07
09/10/07	PAY	WE				-1174.83		-35.24								-1210.07
09/25/07	BIL	WE	205.6			723.40		21.70								745.10
10/05/07	PAY	WE				-723.40		-21.70								-745.10
10/24/07	BIL	WE	227.7			000.39		24.01								024.40
11/07/07	PAY	WE				-000.39		-24.01								-024.40
11/26/07	BIL	WE	150.2			522.70		15.60								538.30
12/06/07	PAY	WE				-522.70		-15.60								-538.30
12/26/07	BIL	WE	262.9			914.89		27.45								942.34

REPORT SUMMARY

ABRV	BILLING	PAYMENTS	ADJUSTS.	APP. OF PREVIOUS CREDITS	DEPOSIT & INTREST REFUNDS	MEMBER FEE REFUNDS	A/R BAL WRITE OFFS	BAD DEBT PAYMENTS	REPORT TOTALS
Charges	4509.02	-3674.13	0.00	0.00	0.00	0.00	0.00	0.00	914.89
R/A	137.66	-110.21	0.00	0.00	0.00	0.00	0.00	0.00	27.45
TOTALS	4726.68	-3784.34	0.00	0.00	0.00	0.00	0.00	0.00	942.34
COUNT	6	5	0	0	0	0	0	0	11

ABBREVIATION DEFINITIONS

abrv definition  
 tax SCHOOL TAX

3.48 per thousand





RUN DATE: 02/28/08 14:46  
TERMINAL: 7

MCCREARY COUNTY WATER DISTRICT  
HISTORY TRACKING BY VOLUME RANGES  
FOR 01/2007 THRU 12/2007

PAGE 1  
Program 18-6-1

*Government*

ACCOUNT CLASS RANGE: G THRU G  
MASTER METER RANGE: ALL

SERVICE: W WATER  
RATE TABLE(S): ALL

ACCOUNT RANGE: ALL

VOLUME RANGE: -99999.9 THRU 2.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07	TOTALS
COUNT	63	62	52	56	49	47	636
USAGE	29.3	38.3	33.8	43.5	35.0	36.5	470.8
AVERAGE USE	0.5	0.6	0.7	0.8	0.7	0.8	0.7
BILLING	888.63	954.80	800.80	862.40	754.60	723.80	9704.67
AVERAGE BILL	14.11	15.40	15.40	15.40	15.40	15.40	15.26

VOLUME RANGE: 2.1 THRU 999999.9

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07	TOTALS
COUNT	29	30	39	34	40	42	455
USAGE	8263.3	7385.6	7283.5	8899.4	6947.4	7363.0	83549.4
AVERAGE USE	284.9	246.2	186.8	261.7	173.7	175.3	183.6
BILLING	42991.17	38547.86	38075.60	46280.69	36370.84	38513.97	432190.09
AVERAGE BILL	1482.45	1284.93	976.30	1361.20	909.27	917.00	945.87

*5498*  
*65907 OIK*  
*Pison*  
*17562.4*

REPORT TOTALS

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07	TOTALS
COUNT	92	92	91	90	89	89	1091
USAGE	8292.6	7423.9	7317.3	8942.9	6982.4	7399.5	84020.2
AVERAGE USE	90.1	80.7	80.4	99.4	78.5	83.1	77.0
BILLING	43879.00	39502.66	38876.48	47143.09	37125.44	39237.77	441094.76
AVERAGE BILL	476.95	429.30	427.21	523.81	417.14	440.87	405.04



RUN DATE: 02/28/08 14:46  
TERMINAL: 7

MCCREARY COUNTY WATER DISTRICT  
HISTORY TRACKING BY VOLUME RANGES  
FOR 01/2007 THRU 12/2007

PAGE 1  
program 10-6-1

*Fire Dept*

SERVICE: W WATER  
RATE TABLE(S): ALL

ACCOUNT RANGE: ALL

ACCOUNT CLASS RANGE: H THRU H  
MASTER METER RANGE: ALL

VOLUME RANGE: -99999.9 THRU 2.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	6	5	4	5	6	5
USAGE	4.2	2.2	1.7	2.9	4.1	2.7
AVERAGE USE	0.7	0.4	0.4	0.6	0.7	0.5
BILLING	92.40	77.00	61.60	77.00	92.40	77.00
AVERAGE BILL	15.40	15.40	15.40	15.40	15.40	15.40

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	5	6	6	6	6	6	66
USAGE	2.2	3.9	3.1	2.3	3.8	2.4	35.5
AVERAGE USE	0.4	0.7	0.5	0.4	0.6	0.4	0.5
BILLING	77.00	92.40	92.40	92.40	92.40	92.40	1016.40
AVERAGE BILL	15.40	15.40	15.40	15.40	15.40	15.40	15.40

VOLUME RANGE: 2.1 THRU 999999.9

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	2	3	4	3	2	3
USAGE	6.8	9.6	12.1	11.4	7.9	26.5
AVERAGE USE	3.4	3.2	3.0	3.8	4.0	8.8
BILLING	45.00	64.56	82.51	73.74	50.68	150.73
AVERAGE BILL	22.54	21.52	20.63	24.58	25.34	50.24

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	3	2	2	2	2	2	30
USAGE	9.4	20.8	4.9	13.7	6.3	7.3	136.7
AVERAGE USE	3.1	10.4	2.5	6.9	3.2	3.7	4.6
BILLING	63.94	116.46	35.39	80.26	42.53	47.63	853.11
AVERAGE BILL	21.18	58.23	17.70	40.13	21.27	23.82	28.44

REPORT TOTALS

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	8	8	8	8	8	8
USAGE	11.0	11.8	13.8	14.3	12.0	29.2
AVERAGE USE	1.4	1.5	1.7	1.8	1.5	3.7
BILLING	137.48	141.56	144.11	150.74	143.08	227.73
AVERAGE BILL	17.19	17.70	18.01	18.84	17.89	28.47

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	8	8	8	8	8	8	96
USAGE	11.6	24.7	8.0	16.0	10.1	9.7	172.2
AVERAGE USE	1.5	3.1	1.0	2.0	1.3	1.2	1.8
BILLING	140.54	208.86	127.79	172.66	134.93	140.03	1869.51
AVERAGE BILL	17.57	26.11	15.97	21.58	16.87	17.50	19.47



RUN DATE: 02/28/08 14:47  
TERMINAL: 7

MCCREARY COUNTY WATER DISTRICT  
HISTORY TRACKING BY VOLUME RANGES  
FOR 01/2007 THRU 12/2007

PAGE 1  
program 10-6-1

*Industrial*

SERVICE: W WATER  
RATE TABLE(S): ALL

ACCOUNT RANGE: ALL

ACCOUNT CLASS RANGE: I THRU I  
MASTER METER RANGE: ALL

VOLUME RANGE: -99999.9 THRU 2.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	2	3	2	2	1	1
USAGE	2.5	2.5	1.8	2.0	0.0	0.0
AVERAGE USE	1.3	0.8	0.9	1.0	0.0	0.0
BILLING	32.64	48.96	32.64	32.64	16.32	16.32
AVERAGE BILL	16.32	16.32	16.32	16.32	16.32	16.32

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	1	1	1	1	2	2	19
USAGE	0.0	0.0	0.0	0.0	1.5	1.3	11.7
AVERAGE USE	0.0	0.0	0.0	0.0	0.8	0.7	0.6
BILLING	16.32	16.32	16.32	16.32	32.64	32.64	310.08
AVERAGE BILL	16.32	16.32	16.32	16.32	16.32	16.32	16.32

VOLUME RANGE: 2.1 THRU 999999.9

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	3	2	3	3	4	4
USAGE	138.4	115.8	142.6	123.5	135.4	140.3
AVERAGE USE	46.1	57.9	47.5	41.8	33.9	35.1
BILLING	764.82	636.86	787.22	694.81	753.82	780.29
AVERAGE BILL	254.84	318.43	262.41	231.60	188.46	195.07

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	4	4	4	4	3	3	41
USAGE	176.5	142.8	156.3	116.7	185.1	185.7	1761.1
AVERAGE USE	44.1	35.7	39.1	29.2	61.7	61.9	43.0
BILLING	975.93	793.82	866.78	652.76	1016.89	1020.16	9743.85
AVERAGE BILL	243.98	198.46	216.70	163.19	338.96	340.05	237.66

REPORT TOTALS

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	5	5	5	5	5	5
USAGE	140.9	118.3	144.4	127.5	135.4	140.3
AVERAGE USE	28.2	23.7	28.9	25.5	27.1	28.1
BILLING	797.16	683.82	819.86	727.45	770.14	796.61
AVERAGE BILL	159.43	137.16	163.97	145.49	154.03	159.32

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	5	5	5	5	5	5	68
USAGE	176.5	142.8	156.3	116.7	186.7	187.0	1772.8
AVERAGE USE	35.3	28.6	31.3	23.3	37.3	37.4	29.5
BILLING	992.25	810.14	883.10	669.08	1049.53	1032.80	10053.94
AVERAGE BILL	198.45	162.03	176.62	133.82	209.91	210.56	167.57

RUN DATE: 02/28/08 14:47  
 TERMINAL: 7

MCCREARY COUNTY WATER DISTRICT  
 HISTORY TRACKING BY VOLUME RANGES  
 FOR 01/2007 THRU 12/2007

PAGE 1  
 program 10-6-1

*Residential*

SERVICE: W WATER  
 RATE TABLE(S): ALL

ACCOUNT RANGE: ALL

ACCOUNT CLASS RANGE: R THRU R  
 MASTER METER RANGE: ALL

VOLUME RANGE: -99999.9 THRU 2.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07	TOTALS
COUNT	1667	1816	1747	1791	1745	1414	
USAGE	1688.1	1820.2	1774.9	1862.6	1785.9	1400.1	
AVERAGE USE	1.0	1.0	1.0	1.0	1.0	1.0	
BILLING	26089.58	28209.80	27165.60	27920.20	27090.90	22037.40	
AVERAGE BILL	15.60	15.58	15.55	15.59	15.53	13.59	

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	1527	1453	1414	1792	1854	1624	19044
USAGE	1544.0	1455.4	1396.6	1891.1	1894.5	1623.0	20134.4
AVERAGE USE	1.0	1.0	1.0	1.1	1.0	1.0	1.0
BILLING	23746.80	22622.60	21934.01	27889.40	28890.40	25236.00	308861.49
AVERAGE BILL	15.55	15.57	15.51	15.56	15.58	15.55	15.56

VOLUME RANGE: 2.1 THRU 999999.9

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07	TOTALS
COUNT	3969	3811	3901	3874	3938	4269	
USAGE	19308.7	18336.2	19325.0	18331.8	19273.6	23281.9	
AVERAGE USE	4.9	4.8	5.0	4.7	4.9	5.9	
BILLING	120643.17	114865.47	120345.20	115138.03	120402.23	152635.86	
AVERAGE BILL	30.40	30.14	30.85	29.72	30.57	35.75	

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	4167	4254	4297	3908	3861	4078	48327
USAGE	23332.6	23653.2	24470.9	18902.0	17659.0	19952.4	247829.3
AVERAGE USE	5.6	5.6	5.7	4.8	4.6	4.9	5.1
BILLING	142207.72	144226.67	148621.39	118223.86	111663.71	124441.62	1533414.93
AVERAGE BILL	34.13	33.90	34.59	30.25	28.92	30.52	31.73

REPORT TOTALS

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07	TOTALS
COUNT	5636	5627	5648	5665	5683	5683	
USAGE	20994.8	20156.4	21099.9	20194.4	21051.5	26682.0	
AVERAGE USE	3.7	3.6	3.7	3.6	3.7	4.7	
BILLING	146652.75	143155.27	147510.00	143058.23	147501.13	174673.26	
AVERAGE BILL	26.02	25.44	26.12	25.25	25.95	30.74	

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	5694	5707	5711	5700	5715	5702	68171
USAGE	24876.6	25108.6	25867.5	20793.1	19553.5	21575.4	267963.7
AVERAGE USE	4.4	4.4	4.5	3.6	3.4	3.8	3.9
BILLING	165954.52	166849.27	170556.20	146113.26	140554.11	149697.62	1842276.42
AVERAGE BILL	29.15	29.24	29.86	25.63	24.59	26.25	27.02

RUN DATE: 02/28/08 14:48  
 TERMINAL: 7

MCCREARY COUNTY WATER DISTRICT  
 HISTORY TRACKING BY VOLUME RANGES  
 FOR 01/2007 THRU 12/2007

PAGE 1  
 program 10-6-1

*Residential/NonRes. Rate*

SERVICE: W WATER  
 RATE TABLE(S): ALL

ACCOUNT RANGE: ALL

ACCOUNT CLASS RANGE: 5 THRU 6  
 MASTER METER RANGE: ALL

VOLUME RANGE: -99999.9 THRU 2.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	0	0	0	0	0	1
USAGE	0.0	0.0	0.0	0.0	0.0	1.8
AVERAGE USE	0.0	0.0	0.0	0.0	0.0	1.8
BILLING	0.00	0.00	0.00	0.00	0.00	15.40
AVERAGE BILL	0.00	0.00	0.00	0.00	0.00	15.40

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	1	1	1	1	1	1	7
USAGE	1.5	1.9	1.8	1.5	1.7	1.8	12.0
AVERAGE USE	1.5	1.9	1.8	1.5	1.7	1.8	1.7
BILLING	15.40	15.40	15.40	15.40	15.40	15.40	107.80
AVERAGE BILL	15.40	15.40	15.40	15.40	15.40	15.40	15.40

VOLUME RANGE: 2.1 THRU 999999.9

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	2	2	2	2	2	1
USAGE	72.5	60.1	48.9	52.9	45.4	46.2
AVERAGE USE	36.3	30.1	24.5	26.5	22.7	46.2
BILLING	380.05	316.83	259.72	280.12	241.89	240.75
AVERAGE BILL	190.03	158.42	129.86	140.06	120.95	240.75

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	1	1	1	1	1	1	17
USAGE	36.0	54.6	34.4	35.1	43.4	41.8	571.3
AVERAGE USE	36.0	54.6	34.4	35.1	43.4	41.8	33.6
BILLING	188.75	283.58	188.59	184.16	226.48	218.32	3001.24
AVERAGE BILL	188.75	283.58	188.59	184.16	226.48	218.32	176.54

REPORT TOTALS

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	2	2	2	2	2	2
USAGE	72.5	60.1	48.9	52.9	45.4	46.2
AVERAGE USE	36.3	30.1	24.5	26.5	22.7	24.0
BILLING	380.05	316.83	259.72	280.12	241.89	256.15
AVERAGE BILL	190.03	158.42	129.86	140.06	120.95	128.08

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	2	2	2	2	2	2	24
USAGE	37.5	56.5	36.2	36.6	45.1	43.6	583.3
AVERAGE USE	18.8	28.3	18.1	18.3	22.6	21.8	34.3
BILLING	204.15	298.98	195.99	199.56	241.88	233.72	3109.04
AVERAGE BILL	102.08	149.49	98.00	99.78	120.94	116.86	129.54

*Inserted ✓*

RUN DATE: 02/28/08 14:37  
 TERMINAL: 7

MCCREARY COUNTY WATER DISTRICT  
 HISTORY TRACKING BY VOLUME RANGES  
 FOR 01/2007 THRU 12/2007

PAGE 1  
 program 10-6-1

SERVICE: W WATER  
 RATE TABLE(S): ALL

ACCOUNT RANGE: ALL

*Apartments*  
 ACCOUNT CLASS RANGE: A THRU A  
 MASTER METER RANGE: ALL

VOLUME RANGE: ~99999.9 THRU 2.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	0	7	4	4	2	1
USAGE	11.2	8.2	3.7	5.3	3.2	1.0
AVERAGE USE	1.4	1.2	0.9	1.3	1.6	1.8
BILLING	130.56	114.24	65.28	65.20	32.64	16.32
AVERAGE BILL	16.32	16.32	16.32	16.32	16.32	16.32

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	4	2	4	3	3	1	43
USAGE	5.3	1.7	5.1	3.1	5.3	1.1	55.0
AVERAGE USE	1.3	0.9	1.3	1.0	1.8	1.1	1.3
BILLING	97.93	32.64	97.93	81.61	48.96	16.32	799.71
AVERAGE BILL	24.48	16.32	24.48	27.20	16.32	16.32	18.60

VOLUME RANGE: 2.1 THRU 999999.9

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	27	28	31	29	30	31
USAGE	445.9	383.0	460.5	425.4	476.7	511.1
AVERAGE USE	16.5	13.7	14.9	14.7	15.9	16.5
BILLING	3378.16	3064.19	3447.72	3301.56	3536.28	3736.85
AVERAGE BILL	125.12	109.44	111.22	113.85	117.88	120.54

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	28	30	28	29	29	31	351
USAGE	407.0	506.6	462.2	423.5	432.6	490.0	5434.1
AVERAGE USE	14.6	16.9	16.5	14.6	14.9	16.1	15.5
BILLING	3189.40	3760.77	3405.72	3210.22	3259.11	3627.36	40917.34
AVERAGE BILL	113.91	125.36	121.63	110.70	112.30	117.01	116.57

REPORT TOTALS

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	35	35	35	33	32	32
USAGE	457.1	391.2	464.2	430.7	479.9	512.9
AVERAGE USE	13.1	11.2	13.3	13.1	15.0	16.0
BILLING	3500.72	3178.43	3513.00	3365.84	3568.92	3753.17
AVERAGE BILL	100.25	90.81	100.37	102.03	111.53	117.29

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	32	32	32	32	32	32	394
USAGE	413.1	508.3	467.3	426.6	437.9	499.9	5489.1
AVERAGE USE	12.9	15.9	14.6	13.3	13.7	15.6	13.9
BILLING	3207.33	3793.41	3503.65	3291.83	3300.07	3643.68	41717.05
AVERAGE BILL	102.73	118.54	109.49	102.87	103.38	113.07	105.00

RUN DATE: 02/28/08 14:42  
 TERMINAL: 7

MCCREARY COUNTY WATER DISTRICT  
 HISTORY TRACKING BY VOLUME RANGES  
 FOR 01/2007 THRU 12/2007

PAGE 1  
 program 10-6-1

*Commercial*

SERVICE: W WATER  
 RATE TABLE(S): ALL

ACCOUNT RANGE: ALL

ACCOUNT CLASS RANGE: C THRU C  
 MASTER METER RANGE: ALL

VOLUME RANGE: -99999.9 THRU 2.0



ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	146	145	137	136	134	131
USAGE	101.6	101.5	98.2	99.0	93.3	105.7
AVERAGE USE	0.7	0.7	0.7	0.7	0.7	0.8
BILLING	2448.04	2448.05	2301.16	2284.04	2235.07	2186.91
AVERAGE BILL	16.77	16.88	16.80	16.80	16.69	16.69

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	131	129	129	136	141	141	1636
USAGE	99.3	100.3	101.0	103.3	95.0	94.7	1192.9
AVERAGE USE	0.8	0.8	0.8	0.8	0.7	0.7	0.7
BILLING	2203.24	2170.60	2170.59	2268.51	2317.45	2333.78	27369.04
AVERAGE BILL	16.82	16.83	16.83	16.68	16.44	16.55	16.73

VOLUME RANGE: 2.1 THRU 999999.9

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	108	107	116	118	117	121
USAGE	1903.8	1829.3	1926.8	1864.8	1882.4	2139.9
AVERAGE USE	17.6	17.1	16.6	15.8	16.1	17.7
BILLING	10974.43	10573.70	11138.60	10820.96	10918.26	12338.95
AVERAGE BILL	101.62	98.82	96.02	91.70	93.32	101.97

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	122	124	124	117	112	111	1397
USAGE	2222.5	2341.3	2554.1	1751.2	1861.4	1851.8	24129.3
AVERAGE USE	18.2	18.9	20.6	15.0	16.6	16.7	17.3
BILLING	12792.95	13430.21	14596.00	10190.43	10760.18	10691.96	139226.63
AVERAGE BILL	104.86	108.31	117.71	87.10	96.07	96.32	99.66

REPORT TOTALS

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	254	252	253	254	251	252
USAGE	2005.4	1930.8	2025.0	1963.8	1973.7	2245.6
AVERAGE USE	7.9	7.7	8.0	7.7	7.9	8.9
BILLING	13422.47	13021.75	13439.76	13105.88	13154.13	14525.86
AVERAGE BILL	52.84	51.67	53.12	51.60	52.41	57.64

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	253	253	253	253	253	252	3033
USAGE	2321.8	2441.6	2655.1	1854.5	1956.4	1946.3	25328.2
AVERAGE USE	9.2	9.7	10.5	7.3	7.7	7.7	8.3
BILLING	14996.19	15600.81	16766.59	12458.94	13077.63	13025.74	166595.67
AVERAGE BILL	59.27	61.66	66.27	49.24	51.69	51.69	54.93



RUN DATE: 02/28/08 14:41  
 TERMINAL: 7

MCCREARY COUNTY WATER DISTRICT  
 HISTORY TRACKING BY VOLUME RANGES  
 FOR 01/2007 THRU 12/2007

PAGE 1  
 program 10-6-1

*Churchs Non-Profit org*

SERVICE: W WATER  
 RATE TABLE(S): ALL

ACCOUNT RANGE: ALL

ACCOUNT CLASS RANGE: D THRU D  
 MASTER METER RANGE: ALL

VOLUME RANGE: -99999.9 THRU 2.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	45	45	48	49	52	49
USAGE	18.6	19.9	21.6	20.0	24.3	24.8
AVERAGE USE	0.4	0.4	0.5	0.4	0.5	0.5
BILLING	693.00	693.00	739.20	754.60	800.00	754.60
AVERAGE BILL	15.40	15.40	15.40	15.40	15.40	15.40

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	49	50	50	50	51	48	586
USAGE	29.5	25.4	28.3	25.8	24.8	24.5	207.5
AVERAGE USE	0.6	0.5	0.6	0.5	0.5	0.5	0.5
BILLING	754.60	770.00	770.00	770.00	785.40	739.20	9024.40
AVERAGE BILL	15.40	15.40	15.40	15.40	15.40	15.40	15.40

VOLUME RANGE: 2.1 THRU 999999.9

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	18	17	14	13	12	14
USAGE	73.7	97.7	84.3	73.9	61.3	104.6
AVERAGE USE	4.1	5.7	6.0	5.7	5.1	7.5
BILLING	469.43	586.59	502.66	444.42	374.98	606.14
AVERAGE BILL	26.08	34.51	35.90	34.19	31.25	43.30

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	14	14	14	14	13	16	173
USAGE	90.5	149.4	75.0	73.4	71.8	85.3	1042.9
AVERAGE USE	6.5	10.7	5.4	5.4	5.5	5.3	6.0
BILLING	534.27	834.55	455.22	457.30	433.73	518.16	6217.45
AVERAGE BILL	38.16	59.61	32.52	32.66	33.36	32.39	35.94

REPORT TOTALS

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	63	62	62	62	64	63
USAGE	92.3	117.6	105.9	93.9	85.6	129.4
AVERAGE USE	1.5	1.9	1.7	1.5	1.3	2.1
BILLING	1162.43	1279.59	1241.86	1199.02	1175.78	1360.74
AVERAGE BILL	18.45	20.64	20.03	19.34	18.37	21.60

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	63	64	64	64	64	64	759
USAGE	120.0	174.8	103.3	101.2	96.6	109.8	1330.4
AVERAGE USE	1.9	2.7	1.6	1.6	1.5	1.7	1.8
BILLING	1288.87	1604.35	1225.22	1227.30	1219.13	1257.36	15241.85
AVERAGE BILL	20.46	25.07	19.14	19.10	19.05	19.65	20.08



RUN DATE: 02/28/08 14:44  
TERMINAL: 7

MCCREARY COUNTY WATER DISTRICT  
HISTORY TRACKING BY VOLUME RANGES  
FOR 01/2007 THRU 12/2007

PAGE 1  
program 10-6-1



Educational

SERVICE: W WATER  
RATE TABLE(S): ALL

ACCOUNT RANGE: ALL

ACCOUNT CLASS RANGE: E THRU E  
MASTER METER RANGE: ALL

VOLUME RANGE: -99999.9 THRU 2.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	9	10	11	10	10	9
USAGE	1.4	2.7	2.3	2.5	2.3	1.8
AVERAGE USE	0.2	0.3	0.2	0.3	0.2	0.2
BILLING	138.60	154.00	169.40	154.00	154.00	138.60
AVERAGE BILL	15.40	15.40	15.40	15.40	15.40	15.40

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	11	9	9	9	10	11	118
USAGE	3.3	1.2	2.3	1.9	5.3	3.7	30.7
AVERAGE USE	0.3	0.1	0.3	0.2	0.5	0.3	0.3
BILLING	169.40	138.60	138.60	138.60	154.00	169.40	1817.20
AVERAGE BILL	15.40	15.40	15.40	15.40	15.40	15.40	15.40

VOLUME RANGE: 2.1 THRU 999999.9

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	14	13	12	13	13	14
USAGE	385.9	332.3	451.6	547.7	552.2	629.2
AVERAGE USE	27.6	25.6	37.6	42.1	42.5	44.9
BILLING	2066.06	1783.53	2376.86	2870.49	2893.45	3296.34
AVERAGE BILL	147.58	137.19	198.07	220.81	222.57	235.45

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	12	14	14	14	13	12	158
USAGE	420.3	386.6	757.3	742.9	690.7	569.7	6484.4
AVERAGE USE	35.0	27.6	54.8	53.1	53.7	47.5	41.0
BILLING	2215.74	2054.35	3995.33	3870.93	3540.37	2977.46	34040.91
AVERAGE BILL	184.65	146.74	285.38	276.50	280.03	248.12	215.45

REPORT TOTALS

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	23	23	23	23	23	23
USAGE	387.3	335.0	453.9	550.2	554.5	631.0
AVERAGE USE	16.8	14.6	19.7	23.9	24.1	27.4
BILLING	2204.66	1937.53	2546.26	3024.49	3047.45	3434.94
AVERAGE BILL	95.85	84.24	110.71	131.50	132.50	149.35

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	23	23	23	23	23	23	276
USAGE	423.6	387.8	769.6	744.8	704.0	573.4	6515.1
AVERAGE USE	18.4	16.9	33.5	32.4	30.6	24.9	23.6
BILLING	2385.14	2192.95	4133.93	4009.53	3794.37	3146.86	35858.11
AVERAGE BILL	103.70	95.35	179.74	174.33	164.97	136.82	129.92



RUN DATE: 02/28/08 14:45  
TERMINAL: 7

MCCREARY COUNTY WATER DISTRICT  
HISTORY TRACKING BY VOLUME RANGES  
FOR 01/2007 THRU 12/2007

PAGE 1  
program 10-6-1

SERVICE: W WATER  
RATE TABLE(S): ALL

ACCOUNT RANGE: ALL

*Farmstead*  
ACCOUNT CLASS RANGE: F THRU F  
MASTER METER RANGE: ALL

VOLUME RANGE: -99999.9 THRU 2.0 NO RECORDS FOUND FOR THIS RANGE

VOLUME RANGE: 2.1 THRU 999999.9

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	1	1	1	1	1	1
USAGE	6.9	7.6	7.8	7.6	37.2	29.4
AVERAGE USE	6.9	7.6	7.8	7.6	37.2	29.4
BILLING	40.39	43.95	44.97	43.95	194.87	155.10
AVERAGE BILL	40.39	43.95	44.97	43.95	194.87	155.10

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	1	1	1	1	1	1	12
USAGE	17.7	17.2	13.0	8.1	6.8	8.9	168.2
AVERAGE USE	17.7	17.2	13.0	8.1	6.8	8.9	14.0
BILLING	95.45	92.90	71.48	46.50	39.87	50.58	920.01
AVERAGE BILL	95.45	92.90	71.48	46.50	39.87	50.58	76.67

REPORT TOTALS

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	1	1	1	1	1	1
USAGE	6.9	7.6	7.8	7.6	37.2	29.4
AVERAGE USE	6.9	7.6	7.8	7.6	37.2	29.4
BILLING	40.39	43.95	44.97	43.95	194.87	155.10
AVERAGE BILL	40.39	43.95	44.97	43.95	194.87	155.10

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	1	1	1	1	1	1	12
USAGE	17.7	17.2	13.0	8.1	6.8	8.9	168.2
AVERAGE USE	17.7	17.2	13.0	8.1	6.8	8.9	14.0
BILLING	95.45	92.90	71.48	46.50	39.87	50.58	920.01
AVERAGE BILL	95.45	92.90	71.48	46.50	39.87	50.58	76.67

FOR THIS REPORT BILLING CONSIST OF THE FOLLOWING ITEM(S):

- CHARGES
- FACILITY CHARGE
- SCHOOL
- SALES TAX
- SCHOOL TAX
- SCHOOL TAX

**Appendix, Exhibit 12 – Actual Sanitary Sewer Usage from 2007**

RUN DATE: 02/29/08 09:14  
TERMINAL: 7

MCCREARY COUNTY WATER DISTRICT  
HISTORY TRACKING BY VOLUME RANGES  
FOR 01/2007 THRU 12/2007

PAGE 1  
program 10-6-1

*Apartments*

ACCOUNT CLASS RANGE: A THRU A  
MASTER METER RANGE: ALL

SERVICE: Y SEWER  
RATE TABLE(S): ALL

ACCOUNT RANGE: ALL

VOLUME RANGE: -99999.9 THRU 2.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	4	3	3	3	2	1
USAGE	6.9	4.2	3.7	5.1	3.2	1.8
AVERAGE USE	1.7	1.4	1.2	1.7	1.6	1.8
BILLING	58.96	47.17	47.17	47.17	35.30	23.59
AVERAGE BILL	14.74	15.72	15.72	15.72	17.69	23.59

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	3	2	3	2	2	0	28
USAGE	3.4	1.7	3.1	2.3	4.0	0.0	39.4
AVERAGE USE	1.1	0.9	1.0	1.2	2.0	0.0	1.4
BILLING	70.75	35.30	70.75	58.96	35.30	0.00	530.66
AVERAGE BILL	23.58	17.69	23.58	29.48	17.69	0.00	18.95

VOLUME RANGE: 2.1 THRU 10.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	5	7	6	6	5	8
USAGE	32.4	38.1	28.7	29.1	22.0	42.7
AVERAGE USE	6.5	5.4	4.8	4.9	4.4	5.3
BILLING	196.45	249.69	190.74	199.77	134.94	270.21
AVERAGE BILL	39.29	35.67	31.79	33.30	26.99	33.78

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	9	9	8	8	8	9	80
USAGE	47.6	47.7	48.3	40.7	34.2	38.1	449.6
AVERAGE USE	5.3	5.3	6.0	5.1	4.3	4.2	5.1
BILLING	339.35	337.92	320.54	261.34	237.67	257.53	2996.15
AVERAGE BILL	37.71	37.55	40.07	32.67	29.71	28.61	34.05

VOLUME RANGE: 10.1 THRU 20.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	8	8	6	8	9	8
USAGE	128.2	107.4	81.5	116.0	137.8	129.2
AVERAGE USE	16.0	13.4	13.6	14.5	15.3	16.2
BILLING	775.50	666.53	490.18	704.08	828.28	776.83
AVERAGE BILL	96.94	83.32	81.70	88.01	92.03	97.10

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	4	4	5	7	7	7	81
USAGE	68.3	62.9	68.0	95.8	99.5	106.0	1200.6
AVERAGE USE	17.1	15.7	13.6	13.7	14.2	15.1	14.8
BILLING	417.67	381.71	489.83	578.85	681.42	640.03	7270.91
AVERAGE BILL	104.42	95.43	81.97	82.69	85.92	91.43	89.76

RUN DATE: 02/29/08 09:14  
 TERMINAL: 7

MCCREARY COUNTY WATER DISTRICT  
 HISTORY TRACKING BY VOLUME RANGES  
 FOR 01/2007 THRU 12/2007

PAGE 2  
 program 10-6-1

SERVICE: Y SEWER  
 RATE TABLE(S): ALL

ACCOUNT RANGE: ALL

ACCOUNT CLASS RANGE: A THRU A  
 MASTER METER RANGE: ALL

VOLUME RANGE: 20.1 THRU 999999.9

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	5	4	7	5	6	3
USAGE	199.2	168.0	253.2	198.7	231.2	221.7
AVERAGE USE	39.8	42.0	36.2	39.7	38.5	44.3
BILLING	1336.93	1126.97	1627.09	1353.41	1524.64	1413.40
AVERAGE BILL	267.39	281.74	232.44	270.68	254.11	282.68

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	6	7	6	5	5	6	67
USAGE	210.7	267.1	249.9	209.0	206.5	262.8	2678.0
AVERAGE USE	35.1	38.2	41.7	41.8	41.3	43.8	40.8
BILLING	1392.29	1692.92	1572.16	1335.55	1299.18	1643.85	17318.39
AVERAGE BILL	232.05	241.85	262.03	267.11	259.84	273.98	258.48

REPORT TOTALS

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	22	22	22	22	22	22
USAGE	366.7	317.7	367.1	348.9	394.2	393.4
AVERAGE USE	16.7	14.4	16.7	15.9	17.9	18.0
BILLING	2367.84	2090.36	2355.18	2304.43	2923.24	2484.03
AVERAGE BILL	107.63	95.02	107.05	104.75	114.69	112.91

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	22	22	22	22	22	22	264
USAGE	330.0	379.4	369.3	347.8	344.2	406.9	4367.6
AVERAGE USE	15.0	17.2	16.8	15.8	15.6	18.5	16.5
BILLING	2220.06	2447.93	2373.28	2234.70	2173.65	2541.41	28116.11
AVERAGE BILL	100.91	111.27	107.88	101.58	98.80	115.52	106.50

FOR THIS REPORT BILLING CONSIST OF THE FOLLOWING ITEM(S):

- CHARGES
- FACILITY CHARGE
- SCHOOL
- SALES TAX
- SCHOOL TAX
- SCHOOL TAX

RUN DATE: 02/29/08 09:23  
TERMINAL: 7

MCCRERY COUNTY WATER DISTRICT  
HISTORY TRACKING BY VOLUME RANGES  
FOR 01/2007 THRU 12/2007

PAGE 1  
program 10-6-1

*Commercial*

SERVICE: Y SEWER  
RATE TABLE(S): ALL

ACCOUNT RANGE: ALL

ACCOUNT CLASS RANGE: C THRU C  
MASTER METER RANGE: ALL

VOLUME RANGE: -99999.9 THRU 2.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	78	75	68	72	69	71
USAGE	61.7	56.9	54.2	57.7	53.2	61.9
AVERAGE USE	0.8	0.8	0.8	0.8	0.8	0.9
BILLING	931.42	907.85	813.52	860.68	823.31	848.89
AVERAGE BILL	11.94	12.10	11.96	11.95	11.96	11.96

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	66	65	65	73	77	72	851
USAGE	49.3	49.9	51.7	57.0	56.3	52.7	662.5
AVERAGE USE	0.7	0.8	0.8	0.8	0.7	0.7	0.8
BILLING	789.94	766.35	766.35	872.47	907.83	860.68	10151.29
AVERAGE BILL	11.97	11.79	11.79	11.95	11.79	11.95	11.93

VOLUME RANGE: 2.1 THRU 10.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	36	42	45	41	44	38
USAGE	170.5	205.0	216.5	183.7	201.8	174.6
AVERAGE USE	4.7	4.9	4.8	4.5	4.6	4.6
BILLING	1046.49	1266.67	1329.75	1138.40	1237.76	1071.56
AVERAGE BILL	29.07	30.16	29.55	27.77	28.13	28.20

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	46	45	47	46	44	45	519
USAGE	191.4	202.4	220.5	202.3	195.9	203.7	2370.3
AVERAGE USE	4.2	4.5	4.7	4.4	4.5	4.5	4.6
BILLING	1171.42	1240.66	1363.60	1240.03	1201.58	1249.70	14557.62
AVERAGE BILL	25.47	27.57	29.01	26.96	27.31	27.77	28.05

VOLUME RANGE: 10.1 THRU 20.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	10	6	10	12	11	14
USAGE	142.4	79.8	131.5	161.8	158.0	198.9
AVERAGE USE	14.2	13.3	13.2	13.5	14.4	14.2
BILLING	837.63	471.99	779.27	954.77	927.30	1174.88
AVERAGE BILL	83.76	78.67	77.93	79.56	84.30	83.92

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	13	12	10	11	8	12	129
USAGE	204.3	178.4	141.0	166.3	117.6	174.2	1854.2
AVERAGE USE	15.7	14.9	14.1	15.1	14.7	14.5	14.4
BILLING	1189.11	1036.35	825.97	972.20	684.34	1016.85	10870.88
AVERAGE BILL	91.47	86.36	82.60	88.38	85.54	84.74	84.27

RUN DATE: 02/29/08 09:23  
 TERMINAL: 7

MCCREARY COUNTY WATER DISTRICT  
 HISTORY TRACKING BY VOLUME RANGES  
 FOR 01/2007 THRU 12/2007

PAGE 2  
 program 10-6-1

SERVICE: Y SEWER  
 RATE TABLE(S): ALL

ACCOUNT RANGE: ALL

ACCOUNT CLASS RANGE: C THRU C  
 MASTER METER RANGE: ALL

VOLUME RANGE: 20.1 THRU 999999.9

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	13	14	14	14	13	14
USAGE	750.9	697.3	911.0	726.0	782.3	868.2
AVERAGE USE	57.8	49.8	65.1	51.9	60.2	62.0
BILLING	3504.54	3306.57	4157.14	3419.90	3614.23	3997.67
AVERAGE BILL	269.58	236.18	296.94	244.28	278.02	285.53

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	14	17	17	12	13	11	166
USAGE	869.2	1033.2	1163.6	741.9	793.2	792.0	10129.6
AVERAGE USE	62.1	60.8	68.4	61.8	61.0	72.0	61.0
BILLING	3996.29	4753.30	5291.61	3408.49	3687.33	3599.90	46738.97
AVERAGE BILL	285.45	279.72	311.27	284.04	283.64	327.26	281.56

REPORT TOTALS

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	137	137	137	139	137	137
USAGE	1123.5	1039.0	1313.2	1132.0	1195.3	1303.6
AVERAGE USE	8.2	7.6	9.6	8.1	8.7	9.5
BILLING	6320.00	5953.08	7079.68	6373.75	6604.60	7093.00
AVERAGE BILL	46.13	43.45	51.68	45.85	48.21	51.77

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	139	139	139	142	142	140	1665
USAGE	1314.2	1463.9	1576.8	1167.9	1163.0	1222.6	15016.6
AVERAGE USE	9.5	10.5	11.3	8.2	8.2	8.7	9.0
BILLING	7146.76	7798.66	8247.53	6493.19	6481.08	6727.13	82310.54
AVERAGE BILL	51.42	56.11	59.33	45.73	45.64	48.05	49.44

FOR THIS REPORT BILLING CONSIST OF THE FOLLOWING ITEM(S):

- CHARGES
- FACILITY CHARGE
- SCHOOL
- SALES TAX
- SCHOOL TAX
- SCHOOL TAX

RUN DATE: 02/29/08 09:24  
 TERMINAL: 7

MCCREARY COUNTY WATER DISTRICT  
 HISTORY TRACKING BY VOLUME RANGES  
 FOR 01/2007 THRU 12/2007

PAGE 1  
 program 10-6-1

*Churchs/Non Profit or*

SERVICE: Y SEWER  
 RATE TABLE(S): ALL

ACCOUNT RANGE: ALL

ACCOUNT CLASS RANGE: D THRU D  
 MASTER METER RANGE: ALL

VOLUME RANGE: -99999.9 THRU 2.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07	TOTALS
COUNT	8	10	10	9	11	10	118
USAGE	5.2	7.6	7.8	5.3	8.0	8.1	81.8
AVERAGE USE	0.7	0.8	0.8	0.6	0.7	0.8	0.7
BILLING	66.72	83.40	83.40	75.06	91.74	83.40	917.40
AVERAGE BILL	8.34	8.34	8.34	8.34	8.34	8.34	8.34

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	7	8	9	10	9	9	118
USAGE	5.4	4.9	7.7	7.4	7.1	7.3	81.8
AVERAGE USE	0.8	0.6	0.9	0.7	0.8	0.8	0.7
BILLING	58.38	66.72	75.06	83.40	75.06	75.06	917.40
AVERAGE BILL	8.34	8.34	8.34	8.34	8.34	8.34	8.34

VOLUME RANGE: 2.1 THRU 10.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07	TOTALS
COUNT	5	3	3	3	2	3	42
USAGE	20.9	9.1	9.6	8.6	6.3	9.1	162.5
AVERAGE USE	4.2	3.0	3.2	2.9	3.2	3.0	3.9
BILLING	89.99	38.76	40.97	36.55	26.87	38.76	698.09
AVERAGE BILL	18.00	12.92	13.66	12.18	13.44	12.92	16.62

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	5	3	4	3	4	4	42
USAGE	20.4	11.8	18.1	11.0	18.0	19.6	162.5
AVERAGE USE	4.1	3.9	4.5	3.7	4.5	4.9	3.9
BILLING	87.78	50.72	78.10	47.17	77.67	84.75	698.09
AVERAGE BILL	17.56	16.91	19.53	15.72	19.42	21.19	16.62

VOLUME RANGE: 10.1 THRU 20.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07	TOTALS
COUNT	0	0	0	1	0	0	3
USAGE	0.0	0.0	0.0	12.4	0.0	0.0	39.5
AVERAGE USE	0.0	0.0	0.0	12.4	0.0	0.0	13.2
BILLING	0.00	0.00	0.00	52.18	0.00	0.00	164.60
AVERAGE BILL	0.00	0.00	0.00	52.18	0.00	0.00	54.87

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	1	1	0	0	0	0	3
USAGE	15.5	11.6	0.0	0.0	0.0	0.0	39.5
AVERAGE USE	15.5	11.6	0.0	0.0	0.0	0.0	13.2
BILLING	63.04	49.38	0.00	0.00	0.00	0.00	164.60
AVERAGE BILL	63.04	49.38	0.00	0.00	0.00	0.00	54.87



RUN DATE: 02/29/08 09:24  
TERMINAL: 7

MCGREARY COUNTY WATER DISTRICT  
HISTORY TRACKING BY VOLUME RANGES  
FOR 01/2007 THRU 12/2007

PAGE 2  
program 10-6-1

SERVICE: Y SEWER  
RATE TABLE(S): ALL

ACCOUNT RANGE: ALL

ACCOUNT CLASS RANGE: D THRU D  
MASTER METER RANGE: ALL

VOLUME RANGE: 20.1 THRU 999999.9

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	0	0	0	0	0	0
USAGE	0.0	0.0	0.0	0.0	0.0	0.0
AVERAGE USE	0.0	0.0	0.0	0.0	0.0	0.0
BILLING	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE BILL	0.00	0.00	0.00	0.00	0.00	0.00

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	0	1	0	0	0	0	1
USAGE	0.0	21.6	0.0	0.0	0.0	0.0	21.6
AVERAGE USE	0.0	21.6	0.0	0.0	0.0	0.0	21.6
BILLING	0.00	83.24	0.00	0.00	0.00	0.00	83.24
AVERAGE BILL	0.00	83.24	0.00	0.00	0.00	0.00	83.24

REPORT TOTALS

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	13	13	13	13	13	13
USAGE	26.1	16.7	17.4	26.3	14.3	17.2
AVERAGE USE	2.0	1.3	1.3	2.0	1.1	1.3
BILLING	156.71	122.16	124.37	163.79	118.61	122.16
AVERAGE BILL	12.05	9.40	9.57	12.60	9.12	9.40

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	13	13	13	13	13	13	156
USAGE	41.3	49.9	25.8	18.4	25.1	26.9	305.4
AVERAGE USE	3.2	3.8	2.0	1.4	1.9	2.1	2.0
BILLING	209.20	250.06	153.16	130.57	152.73	159.81	1063.33
AVERAGE BILL	16.09	19.24	11.78	10.04	11.75	12.29	11.94

FOR THIS REPORT BILLING CONSIST OF THE FOLLOWING ITEM(S):

- CHARGES
- FACILITY CHARGE
- SCHOOL
- SALES TAX
- SCHOOL TAX
- SCHOOL TAX

RUN DATE: 02/29/08 09:25  
 TERMINAL: 7

MCCREARY COUNTY WATER DISTRICT  
 HISTORY TRACKING BY VOLUME RANGES  
 FOR 01/2007 THRU 12/2007

PAGE 1  
 program 10-6-1

*Educational*

SERVICE: Y SEWER  
 RATE TABLE(S): ALL

ACCOUNT RANGE: ALL

ACCOUNT CLASS RANGE: E THRU E  
 MASTER METER RANGE: ALL

VOLUME RANGE: -99999.9 THRU 2.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	3	3	3	3	3	4
USAGE	0.5	0.9	0.5	0.4	0.4	0.4
AVERAGE USE	0.2	0.3	0.2	0.1	0.1	0.1
BILLING	25.02	25.02	25.02	25.02	25.02	33.36
AVERAGE BILL	8.34	8.34	8.34	8.34	8.34	8.34

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	6	4	4	4	5	4	46
USAGE	1.8	0.3	0.9	0.5	2.0	0.6	9.2
AVERAGE USE	0.3	0.1	0.2	0.1	0.4	0.2	0.2
BILLING	50.04	33.36	33.36	33.36	41.70	33.36	303.64
AVERAGE BILL	8.34	8.34	8.34	8.34	8.34	8.34	8.34

VOLUME RANGE: 2.1 THRU 10.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	3	4	4	3	2	3
USAGE	14.1	26.6	24.1	15.7	8.4	12.7
AVERAGE USE	4.7	6.7	6.0	5.2	4.2	4.2
BILLING	60.90	115.75	104.67	67.99	36.17	54.71
AVERAGE BILL	20.30	28.94	26.17	22.66	18.09	18.24

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	3	3	2	2	2	3	34
USAGE	19.9	18.2	10.0	7.9	12.5	16.3	106.6
AVERAGE USE	6.6	6.1	5.0	4.0	6.3	5.5	5.5
BILLING	86.59	79.07	43.26	33.96	54.33	71.54	808.94
AVERAGE BILL	28.86	26.36	21.63	16.98	27.17	23.85	23.79

VOLUME RANGE: 10.1 THRU 20.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	2	2	2	3	3	2
USAGE	26.8	32.6	36.6	46.6	42.4	32.0
AVERAGE USE	13.4	16.3	18.3	15.5	14.1	16.0
BILLING	111.36	131.68	145.68	189.46	174.75	129.57
AVERAGE BILL	55.68	65.84	72.84	63.15	58.25	64.79

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	4	2	2	2	1	2	27
USAGE	54.6	33.1	33.1	31.8	17.1	34.6	421.3
AVERAGE USE	13.7	16.6	16.6	15.9	17.1	17.3	15.6
BILLING	226.23	133.43	133.42	128.88	68.64	138.68	1711.78
AVERAGE BILL	56.36	66.72	66.71	64.44	68.64	69.34	63.40

RUN DATE: 02/29/08 09:25  
TERMINAL: 7

MCCRERY COUNTY WATER DISTRICT  
HISTORY TRACKING BY VOLUME RANGES  
FOR 01/2007 THRU 12/2007

PAGE 2  
program 10-6-1

SERVICE: Y SEWER  
RATE TABLE(S): ALL

ACCOUNT RANGE: ALL

ACCOUNT CLASS RANGE: E THRU E  
MASTER METER RANGE: ALL

VOLUME RANGE: 20.1 THRU 999999.9

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	6	5	5	5	6	5
USAGE	302.2	261.8	305.2	431.5	457.3	286.8
AVERAGE USE	50.4	52.4	77.0	85.3	76.2	57.4
BILLING	979.48	843.94	1187.11	1315.88	1410.00	913.48
AVERAGE BILL	163.25	168.79	237.42	263.18	235.13	182.78

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	1	5	6	5	6	5	61
USAGE	34.4	159.7	414.6	317.8	372.3	452.5	3876.1
AVERAGE USE	34.4	31.9	69.1	63.6	62.1	90.5	63.5
BILLING	118.84	560.00	1292.05	1022.85	1174.43	1374.29	12193.15
AVERAGE BILL	118.84	112.00	215.34	170.48	195.74	274.85	199.89

REPORT TOTALS

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	14	14	14	14	14	14
USAGE	343.6	321.9	446.4	494.2	508.5	331.9
AVERAGE USE	24.5	23.0	31.9	35.3	36.3	23.7
BILLING	1176.76	1116.39	1462.48	1598.35	1646.74	1131.12
AVERAGE BILL	84.05	79.74	104.46	114.17	117.62	80.79

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	14	14	14	14	14	14	168
USAGE	110.7	211.3	458.6	358.0	403.9	584.2	4493.2
AVERAGE USE	7.9	15.1	32.8	25.6	28.9	36.0	26.7
BILLING	481.70	805.86	1502.09	1219.05	1339.10	1617.07	15097.51
AVERAGE BILL	34.41	57.56	107.29	87.08	95.65	115.55	89.87

FOR THIS REPORT BILLING CONSIST OF THE FOLLOWING ITEM(S):

- CHARGES
- FACILITY CHARGE
- SCHOOL
- SALES TAX
- SCHOOL TAX
- SCHOOL TAX

RUN DATE: 02/29/08 09:26  
TERMINAL: 7

MCCREARY COUNTY WATER DISTRICT  
HISTORY TRACKING BY VOLUME RANGES  
FOR 01/2007 THRU 12/2007

PAGE 1  
program 10-6-1

*Fire Dept*

ACCOUNT CLASS RANGE: H THRU H  
MASTER METER RANGE: ALL

SERVICE: Y SEWER  
RATE TABLE(S): ALL

ACCOUNT RANGE: ALL

VOLUME RANGE: -99999.9 THRU 2.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	0	0	0	0	0	0
USAGE	0.0	0.0	0.0	0.0	0.0	0.0
AVERAGE USE	0.0	0.0	0.0	0.0	0.0	0.0
BILLING	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE BILL	0.00	0.00	0.00	0.00	0.00	0.00

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	0	1	0	0	0	0	1
USAGE	0.0	2.0	0.0	0.0	0.0	0.0	2.0
AVERAGE USE	0.0	2.0	0.0	0.0	0.0	0.0	2.0
BILLING	0.00	8.34	0.00	0.00	0.00	0.00	8.34
AVERAGE BILL	0.00	8.34	0.00	0.00	0.00	0.00	8.34

VOLUME RANGE: 2.1 THRU 10.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	2	2	2	2	2	2
USAGE	6.8	7.3	7.2	8.4	7.9	9.6
AVERAGE USE	3.4	3.7	3.6	4.2	4.0	4.8
BILLING	29.09	31.30	30.86	36.17	33.95	41.49
AVERAGE BILL	14.55	15.65	15.43	18.09	16.98	20.75

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	2	1	2	1	2	2	22
USAGE	6.5	4.5	4.9	2.7	6.3	7.3	79.4
AVERAGE USE	3.3	4.5	2.5	2.7	3.2	3.7	3.6
BILLING	27.76	19.42	20.67	11.44	26.88	31.30	340.33
AVERAGE BILL	13.88	19.42	10.34	11.44	13.44	15.65	15.47

VOLUME RANGE: 10.1 THRU 20.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	0	0	0	0	0	0
USAGE	0.0	0.0	0.0	0.0	0.0	0.0
AVERAGE USE	0.0	0.0	0.0	0.0	0.0	0.0
BILLING	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE BILL	0.00	0.00	0.00	0.00	0.00	0.00

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	0	0	0	1	0	0	1
USAGE	0.0	0.0	0.0	11.0	0.0	0.0	11.0
AVERAGE USE	0.0	0.0	0.0	11.0	0.0	0.0	11.0
BILLING	0.00	0.00	0.00	47.28	0.00	0.00	47.28
AVERAGE BILL	0.00	0.00	0.00	47.28	0.00	0.00	47.28

RUN DATE: 02/29/08 09:26  
TERMINAL: 7

MCCREARY COUNTY WATER DISTRICT  
HISTORY TRACKING BY VOLUME RANGES  
FOR 01/2007 THRU 12/2007

PAGE 2  
program 10-6-1

SERVICE: Y SEWER  
RATE TABLE(S): ALL

ACCOUNT RANGE: ALL

ACCOUNT CLASS RANGE: H THRU H  
MASTER METER RANGE: ALL

VOLUME RANGE: 20.1 THRU 999999.9 NO RECORDS FOUND FOR THIS RANGE

REPORT TOTALS

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07	
COUNT	2	2	2	2	2	2	
USAGE	6.8	7.3	7.2	8.4	7.9	9.6	
AVERAGE USE	3.4	3.7	3.6	4.2	4.0	4.8	
BILLING	29.09	31.30	30.86	36.17	33.95	41.49	
AVERAGE BILL	14.55	15.65	15.43	18.09	16.98	20.75	
ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	2	2	2	2	2	2	24
USAGE	6.5	6.5	4.9	13.7	6.3	7.3	92.4
AVERAGE USE	3.3	3.3	2.5	6.9	3.2	3.7	3.9
BILLING	27.76	27.76	20.67	58.72	26.88	31.30	395.95
AVERAGE BILL	13.88	13.88	10.34	29.36	13.44	15.65	16.50

FOR THIS REPORT BILLING CONSIST OF THE FOLLOWING ITEM(S):

CHARGES  
FACILITY CHARGE  
SCHOOL  
SALES TAX  
SCHOOL TAX  
SCHOOL TAX

RUN DATE: 02/29/08 09:26  
TERMINAL: 7

MCCREARY COUNTY WATER DISTRICT  
HISTORY TRACKING BY VOLUME RANGES  
FOR 01/2007 THRU 12/2007

program 10-6-1

*Industrial*

ACCOUNT CLASS RANGE: I THRU I  
MASTER METER RANGE: ALL

SERVICE: Y SEWER  
RATE TABLE(S): ALL

ACCOUNT RANGE: ALL

VOLUME RANGE: -99999.9 THRU 2.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	1	2	1	1	1	1
USAGE	1.6	1.8	0.0	0.0	0.0	0.0
AVERAGE USE	1.6	0.9	0.0	0.0	0.0	0.0
BILLING	11.79	23.58	11.79	11.79	11.79	11.79
AVERAGE BILL	11.79	11.79	11.79	11.79	11.79	11.79

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	1	1	1	1	1	1	13
USAGE	0.0	0.0	0.0	0.0	0.0	0.0	3.4
AVERAGE USE	0.0	0.0	0.0	0.0	0.0	0.0	0.3
BILLING	11.79	11.79	11.79	11.79	11.79	11.79	153.27
AVERAGE BILL	11.79	11.79	11.79	11.79	11.79	11.79	11.79

VOLUME RANGE: 2.1 THRU 10.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	0	0	0	1	1	0
USAGE	0.0	0.0	0.0	3.3	4.4	0.0
AVERAGE USE	0.0	0.0	0.0	3.3	4.4	0.0
BILLING	0.00	0.00	0.00	20.02	26.99	0.00
AVERAGE BILL	0.00	0.00	0.00	20.02	26.99	0.00

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	0	1	0	2	1	1	7
USAGE	0.0	8.6	0.0	12.1	3.5	3.6	35.5
AVERAGE USE	0.0	8.6	0.0	6.1	3.5	3.6	5.1
BILLING	0.00	53.58	0.00	74.88	21.30	21.92	218.69
AVERAGE BILL	0.00	53.58	0.00	37.44	21.30	21.92	31.24

VOLUME RANGE: 10.1 THRU 20.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	2	1	0	0	1	2
USAGE	29.8	17.4	0.0	0.0	14.6	24.2
AVERAGE USE	14.9	17.4	0.0	0.0	14.6	12.1
BILLING	173.06	98.81	0.00	0.00	85.05	145.54
AVERAGE BILL	86.53	98.81	0.00	0.00	85.05	72.77

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	1	1	2	0	1	1	12
USAGE	12.6	11.7	24.5	0.0	15.4	19.1	169.3
AVERAGE USE	12.6	11.7	12.3	0.0	15.4	19.1	14.1
BILLING	75.23	70.81	147.01	0.00	88.99	107.16	991.66
AVERAGE BILL	75.23	70.81	73.51	0.00	88.99	107.16	82.64

RUN DATE: 02/29/08 09:26  
 TERMINAL: 7

MCCREARY COUNTY WATER DISTRICT  
 HISTORY TRACKING BY VOLUME RANGES  
 FOR 01/2007 THRU 12/2007

PAGE 2  
 program 10-6-1

SERVICE: Y SEWER  
 RATE TABLE(S): ALL

ACCOUNT RANGE: ALL

ACCOUNT CLASS RANGE: I THRU I  
 MASTER METER RANGE: ALL

VOLUME RANGE: 20.1 THRU 999999.9

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	1	1	3	2	1	1
USAGE	108.6	98.4	142.6	122.2	113.3	111.7
AVERAGE USE	108.6	98.4	47.5	61.1	113.3	111.7
BILLING	459.82	419.73	659.40	546.25	478.29	472.01
AVERAGE BILL	459.82	419.73	219.80	273.13	478.29	472.01

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	2	1	1	1	1	1	16
USAGE	160.9	119.7	129.5	102.3	166.2	163.0	1538.4
AVERAGE USE	80.5	119.7	129.5	102.3	166.2	163.0	96.2
BILLING	698.36	503.45	541.97	435.06	686.22	673.64	6574.20
AVERAGE BILL	349.18	503.45	541.97	435.06	686.22	673.64	410.89

REPORT TOTALS

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	4	4	4	4	4	4
USAGE	140.0	117.6	142.6	125.5	132.3	135.9
AVERAGE USE	35.0	29.4	35.7	31.4	33.1	34.0
BILLING	644.67	542.12	671.19	578.06	602.12	629.34
AVERAGE BILL	161.17	135.53	167.80	144.52	150.53	157.34

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	4	4	4	4	4	4	48
USAGE	173.5	140.0	154.0	114.4	185.1	185.7	1746.6
AVERAGE USE	43.4	35.0	38.5	28.6	46.3	46.4	36.4
BILLING	785.38	639.63	700.77	521.73	808.30	814.51	7937.82
AVERAGE BILL	196.35	159.91	175.19	130.43	202.08	203.63	165.37

FOR THIS REPORT BILLING CONSIST OF THE FOLLOWING ITEM(S):

- CHARGES
- FACILITY CHARGE
- SCHOOL
- SALES TAX
- SCHOOL TAX

RUN DATE: 02/29/08 09:27  
 TERMINAL: 7

MCCREARY COUNTY WATER DISTRICT  
 HISTORY TRACKING BY VOLUME RANGES  
 FOR 01/2007 THRU 12/2007

PAGE 1  
 program 10-6-1

*Residential*

SERVICE: Y SEWER  
 RATE TABLE(S): ALL

ACCOUNT RANGE: ALL

ACCOUNT CLASS RANGE: R THRU R  
 MASTER METER RANGE: ALL

VOLUME RANGE: -99999.9 THRU 2.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	188	201	193	206	185	158
USAGE	197.8	216.9	196.7	214.7	187.8	157.0
AVERAGE USE	1.1	1.1	1.0	1.0	1.0	1.0
BILLING	1601.32	1701.39	1634.67	1734.74	1567.95	1334.42
AVERAGE BILL	8.52	8.46	8.47	8.42	8.48	8.45

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	187	178	163	226	233	201	2319
USAGE	185.2	181.1	161.5	244.1	249.5	216.5	2400.8
AVERAGE USE	1.0	1.0	1.0	1.1	1.1	1.1	1.0
BILLING	1567.93	1501.22	1392.82	1918.24	1984.97	1718.09	19657.76
AVERAGE BILL	8.38	8.43	8.54	8.49	8.52	8.55	8.48

VOLUME RANGE: 2.1 THRU 10.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	377	369	381	378	400	405
USAGE	1591.9	1521.2	1582.4	1524.7	1658.7	1821.0
AVERAGE USE	4.2	4.1	4.2	4.0	4.1	4.5
BILLING	6869.81	6562.99	6817.21	6570.23	7142.27	7853.19
AVERAGE BILL	18.22	17.79	17.89	17.38	17.86	19.39

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	415	420	444	420	424	450	4883
USAGE	1827.6	1865.9	2089.3	1766.2	1764.7	1976.5	20990.1
AVERAGE USE	4.4	4.4	4.7	4.2	4.2	4.4	4.3
BILLING	7904.98	8053.29	9017.39	7611.57	7609.14	8321.49	90333.56
AVERAGE BILL	19.05	19.17	20.31	18.12	17.95	18.94	18.54

VOLUME RANGE: 10.1 THRU 20.0

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	16	8	10	7	9	26
USAGE	210.1	109.9	122.5	87.0	113.4	352.6
AVERAGE USE	13.1	13.7	12.3	12.4	12.6	13.6
BILLING	879.43	457.26	522.15	368.60	479.12	1468.44
AVERAGE BILL	54.96	57.16	52.22	52.66	53.24	56.48

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	16	26	37	12	8	14	189
USAGE	224.1	337.1	449.4	159.6	92.4	171.1	2429.2
AVERAGE USE	14.0	13.0	12.1	13.3	11.6	12.2	12.9
BILLING	924.64	1429.90	1901.64	663.94	394.60	720.34	10210.06
AVERAGE BILL	57.79	55.00	51.40	55.33	49.33	51.45	54.02



RUN DATE: 02/29/08 09:27  
 TERMINAL: 7

MCCREARY COUNTY WATER DISTRICT  
 HISTORY TRACKING BY VOLUME RANGES  
 FOR 01/2007 THRU 12/2007

PAGE 2  
 program 10-6-1

SERVICE: Y SEWER  
 RATE TABLE(S): ALL

ACCOUNT RANGE: ALL

ACCOUNT CLASS RANGE: R THRU R  
 MASTER METER RANGE: ALL

VOLUME RANGE: 20.1 THRU 999999.9

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	3	4	3	1	1	7
USAGE	126.1	175.1	100.0	20.6	24.4	184.5
AVERAGE USE	42.0	43.8	36.0	20.6	24.4	26.4
BILLING	420.20	579.66	369.07	80.46	91.03	687.05
AVERAGE BILL	140.07	144.92	123.29	80.46	91.03	98.26

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	0	4	7	3	1	2	44
USAGE	217.0	90.0	254.9	113.4	23.7	44.9	1302.6
AVERAGE USE	27.1	22.5	36.4	37.8	23.7	22.5	31.4
BILLING	788.88	342.98	905.82	395.58	89.08	171.22	4922.63
AVERAGE BILL	98.61	85.75	129.40	131.86	89.08	85.61	111.88

REPORT TOTALS

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	584	502	587	592	595	596
USAGE	2125.9	2023.1	2009.6	1847.0	1984.3	2515.1
AVERAGE USE	3.6	3.5	3.4	3.1	3.3	4.2
BILLING	9770.76	9301.30	9343.90	8754.03	9280.37	11343.90
AVERAGE BILL	16.73	15.98	15.92	14.79	15.60	19.03

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	626	628	651	661	666	667	7435
USAGE	2453.9	2474.1	2955.1	2283.3	2130.3	2409.0	27210.7
AVERAGE USE	3.9	3.9	4.5	3.5	3.2	3.6	3.7
BILLING	11186.43	11327.39	13217.67	10589.33	10077.79	11131.14	185324.01
AVERAGE BILL	17.87	18.04	20.30	16.02	15.13	16.69	16.86

FOR THIS REPORT BILLING CONSIST OF THE FOLLOWING ITEM(S):

- CHARGES
- FACILITY CHARGE
- SCHOOL
- SALES TAX
- SCHOOL TAX
- SCHOOL TAX

RUN DATE: 02/29/08 09:12  
TERMINAL: 7

MCCREARY COUNTY WATER DISTRICT  
HISTORY TRACKING BY VOLUME RANGES  
FOR 01/2007 THRU 12/2007

Metered  
Government  
PAGE 1  
program 10-6-1  
ACCOUNT CLASS RANGE: G THRU G  
MASTER METER RANGE: ALL

SERVICE: F SEWER  
RATE TABLE(S): ALL

ACCOUNT RANGE: ALL

VOLUME RANGE: -99999.9 THRU 2.0 NO RECORDS FOUND FOR THIS RANGE

VOLUME RANGE: 2.1 THRU 10.0 NO RECORDS FOUND FOR THIS RANGE

VOLUME RANGE: 10.1 THRU 20.0 NO RECORDS FOUND FOR THIS RANGE

VOLUME RANGE: 20.1 THRU 999999.9

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	3	3	3	3	3	3
USAGE	7181.0	7024.3	7496.6	7350.5	5892.5	6152.6
AVERAGE USE	2393.7	2341.4	2498.9	2450.2	1964.2	2050.9
BILLING	26660.39	25816.52	27644.81	26027.97	21755.07	22756.10
AVERAGE BILL	8886.80	8605.51	9214.94	8942.66	7251.69	7585.37

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	3	3	3	3	3	3	36
USAGE	5460.1	5476.3	4814.9	4110.6	3884.3	4831.7	69675.4
AVERAGE USE	1820.0	1825.4	1605.0	1370.2	1294.0	1610.6	1935.4
BILLING	20308.56	20179.16	17575.35	15024.91	14193.37	17315.01	256057.22
AVERAGE BILL	6769.52	6726.39	5858.45	5008.30	4731.12	5771.67	7112.70

REPORT TOTALS

ITEM	JAN 07	FEB 07	MAR 07	APR 07	MAY 07	JUN 07
COUNT	3	3	3	3	3	3
USAGE	7181.0	7024.3	7496.6	7350.5	5892.5	6152.6
AVERAGE USE	2393.7	2341.4	2498.9	2450.2	1964.2	2050.9
BILLING	26660.39	25816.52	27644.81	26027.97	21755.07	22756.10
AVERAGE BILL	8886.80	8605.51	9214.94	8942.66	7251.69	7585.37

ITEM	JUL 07	AUG 07	SEP 07	OCT 07	NOV 07	DEC 07	TOTALS
COUNT	3	3	3	3	3	3	36
USAGE	5460.1	5476.3	4814.9	4110.6	3884.3	4831.7	69675.4
AVERAGE USE	1820.0	1825.4	1605.0	1370.2	1294.0	1610.6	1935.4
BILLING	20308.56	20179.16	17575.35	15024.91	14193.37	17315.01	256057.22
AVERAGE BILL	6769.52	6726.39	5858.45	5008.30	4731.12	5771.67	7112.70

28 24  
9151400  
6 w/o Picon

**RECEIVED**

**APR 15 2008**

**PUBLIC SERVICE  
COMMISSION**

**PRELIMINARY ENGINEERING REPORT**

**for**

**CUMBERLAND FALLS STATE PARK AND RIVERWOODS  
ENVIRONMENTAL WATER MAIN EXTENSION PROJECT**

**for the**

**McCREARY COUNTY WATER DISTRICT  
WHITLEY CITY, KENTUCKY**

**May 2006**

**STRAND ASSOCIATES, INC.  
325 West Main Street, Suite 710  
Louisville, Kentucky 40202  
(502) 583-7020**

## TABLE OF CONTENTS

<u>Section</u>	<u>Description</u>	<u>Page No.</u>
1.	Purpose of Report	1
2.	General Background Data	1
3.	Existing System	1
4.	Scope of Project	2
5.	Estimated Sanitary Usage	2
6.	Design Criteria	3
	a. Hydraulic Considerations	3
	b. Construction Considerations	4
7.	Financial	4
	a. Construction and Project Costs	4
	b. Project Budget	5
	c. Rate Analysis	5
8.	Summary and Conclusions	5

## APPENDIX

Exhibit 1 – Project Location Maps

Exhibit 2 – Summary Addendum to Preliminary Engineering Report

**1. Purpose of Report**

This report describes the scope of the proposed project and presents the general background data used in its planning and development. Design criteria and financial data are presented and discussed.

**2. General Background Data**

In April 2006, Strand Associates, Inc. was authorized by the McCreary County Water District (MCWD) to investigate the feasibility of constructing approximately 11,000 linear feet of 6" water main, pump station upgrades, two master meter vaults, and appurtenances along KY 90 in McCreary and Whitley Counties to provide a reliable source of potable water to the Cumberland Falls State Park and the Riverwoods Environmental Center.

The Kentucky State Clearinghouse comments were received on March 21, 2006 and no conflicts with the State's goals, plans, or objections were noted. The MCWD is applying for a USDA Rural Utilities Service (RUS) Water and Waste Loan and Grant to cover \$540,000.00 of the \$1,040,000.00 of the project cost. The remaining \$500,000.00 is to be covered by an ARC Grant. Exhibit 1 in the appendix shows the location of the proposed improvements.

**3. Existing Systems**

**a. Water System**

The McCreary County Water District (MCWD) has been providing potable water to portions of McCreary County since 1964. MCWD owns and operates two water treatment plants, plant number 1 is located near the community of Whitley City and has a capacity of 1.5 million gallons per day with its source of raw water being from Laurel Creek and plant number 2 is located near the community of Wiborg and has a rated capacity of 3.0 million gallons per day with its source of raw water being from the Big South Fork of the Cumberland River.

The MCWD currently serves 5,904 water users of which 5,633 are residential and 271 are commercial users. The system currently consist of 166,110 linear feet of 2" water main, 207,190 linear feet of 3" water main, 569,130 linear feet of 4" water main, 297,850 linear feet of 6" water main, 241,300 linear feet of 8" water main, 37,440 linear feet of 10" water main, 10,900 linear feet of 12" water main, 10,560 linear feet of 16" water main, and 19,300 linear feet of 18" water main. Along with the water mains the District currently have eleven storage tanks for a total of 2,700,000 gallons of storage and four booster pumping stations.

## **b. Sanitary Sewer System**

The McCreary County Water District (MCWD) has been providing sanitary sewer service to portions of McCreary County since 1997. MCWD owns and operates one wastewater treatment plant, McCreary County Wastewater Treatment Plant No. 2, which is located near the community of Stearns and has a rated capacity of 700,000 gallons per day.

The MCWD currently serves 531 sewer users of which 414 are residential and 117 are commercial users, including the U.S. Bureau of Prisons in Gilreath. The system consist of four main service areas; Marshes Siding, Whitley City, Stearns, and the U.S. Bureau of Prisons in Gilreath. The system currently consists of 53,795 linear feet of 1.5" sewer main, 36,041 linear feet of 2" sewer main, 9,238 linear feet of 2.5" sewer main, 10,608 linear feet of 3" sewer main, 13,390 linear feet of 4" sewer main, 5,400 linear feet of 6" sewer main, 2,260 linear feet of 8" sewer main, and 50,053 linear feet of 10" sewer main. Along with the sewer mains the District currently have 18 pump stations and appurtenances.

## **4. Scope of Project**

In April 2006, Strand Associates, Inc. was authorized by the McCreary County Water District (MCWD) to investigate the feasibility of constructing approximately 11,000 linear feet of 6" water main, pump station upgrades, two master meter vaults, and appurtenances along KY 90 in McCreary and Whitley Counties to provide a reliable source of potable water to the Cumberland Falls State Park and the Riverwoods Environmental Center.

## **5. Estimated Water Usage**

Presently, MCWD currently serves 5,904 customers of which 5,633 are residential and 271 are commercial users. The average monthly water usage by 5,633 existing residential customers as determined by billings for the 12 month period between January 2004 and December 2004 was 264,215,100 gallons (137 gpcpd). Average monthly demand per residential customer (5/8" X 3/4" meters) calculates to 4,092 gallons.

The average monthly water usage by 271 existing commercial customers as determined by billings for the 12 month period between January 2004 and December 2004 was 74,589,300 gallons (446 gpupd). Average monthly demand per commercial customer calculates to 13,367 gallons.

MCWD currently treats and provides its own potable water from two treatment plants. Treatment plant number 1 is located near the community of Whitley City

and has a capacity of 1.5 million gallons per day with its source of raw water being from Laurel Creek. Treatment plant number 2 is located near the community of Wiborg and has a rated capacity of 3.0 million gallons per day with its source of raw water being from the Big South Fork of the Cumberland River. Their current water treatment plants have a combined a capacity of 4.5 million gallons per day. The current average demand is 975,000 gallons of water per day for all users. Based on a preliminary report done by others, the peak water usage of the Cumberland Falls State Park will be 80,000 gallons per day and the peak water usage of the Riverwoods Environmental Center will be 50,000 gallons per day. With the addition of 130,000 gallons per day of peak flow, this will increase the current demand to 1,105,000 gallons per day. Based on this assumption MCWD will still have amply capacity to serve its existing users and future users.

## 6. Design Criteria

### a. Hydraulic Considerations

Hydraulic calculations are based on the Hazen and Williams formula with a "C" value of 140 for PVC main and 130 for ductile iron main. The economy of polyvinyl chloride (PVC) pipe has caused it to be the predominant material for rural water system pipelines. The relatively high flow coefficient of  $C = 140$  is a common value for PVC water systems and is, therefore, used in the design of this system. The same is true for  $C = 130$  for ductile iron.

Line sizes are designed to maintain a minimum of 30 pounds per square inch (psi) at the service meter during peak flows.

Fire protection capacity is not designed into the system. Hydrants are normally for blow-off purposes. Service meters, valves and other appurtenances are designed for basically rural-domestic water supply service only.

### b. Construction Considerations

The pipelines will be constructed on private easement and some state and county rights-of-way. Cumberland Falls and the PRIDE site are underlain with sandstone, siltstone, and shale.

7. **Financial**

a. **Construction and Project Costs**

Construction and project cost estimates are presented in Table 1. Estimated construction costs are \$1,040,000.00. Construction cost estimates are based on an estimate prepared by Strand Associates, Inc.

Table 1  
McCreary County Water District –  
Cumberland Falls State Park and Riverwoods  
Environmental Water Main Extension Project  
Total Project Estimate

Construction Cost Estimate

6" Ductile Iron Pipe	\$443,520.00
6" Ductile Iron Pipe Bore under River	115,000.00
6" Ductile Iron Pipe Bore & Jack – KY 90	23,000.00
6" Gate Valves	12,420.00
Concrete Anchors	2,250.00
Pressure Reducing Valve & Vault	23,000.00
Master Meter and Vault	23,000.00
Water Meter and Vault	4,000.00
Fire Hydrants	8,625.00
Telemetry	23,000.00
Creek Crossing	4,500.00
Pump Station Upgrades	28,750.00
Tie-Ins and Connections	9,775.00
Booster Pump Station	30,000.00
Testing and Sterilization	4,000.00
Cleanup and Restoration	3,000.00
Pavement Replacement	86.25
Traffic Control Requirements	<u>5,750.00</u>
Total Construction	\$763,676.25
Contingencies	76,367.63
Administrative and Legal	10,000.00



Land and Easements	5000.00
Surveys	15,000.00
Environmental Assessment	15,000.00
Engineering Fees <sup>1</sup>	91,608.00
Project Inspection Fees	49,728.00
Interest	<u>13,620.12</u>
<b>TOTAL PROJECT COST ESTIMATE</b>	<b>\$1,040,000.00</b>

1	Engineering:	Preliminary Services	\$15,000.00
		Basic Services	<u>76,608.00</u>
		TOTAL	\$91,608.00

b. Project Budget

A summary of the proposed project funding is as follows:

ACR Grant	\$500,000.00
RD Grant and Loan	<u>540,000.00</u>

**TOTAL ESTIMATED PROJECT FUNDING** **\$1,040,000.00**

c. Rate Analysis

A rate analysis along with the existing and projected operation and maintenance costs and debt service requirements is attached in the **Summary/Addendum**. This analysis will include a statement regarding the income necessary to meet estimated obligation for both the existing and proposed system. **TO BE COMPLETED**

8. Summary and Conclusions

In April 2006, Strand Associates, Inc. was authorized by the McCreary County Water District (MCWD) to investigate the feasibility of constructing approximately 11,000 linear feet of 6" water main, pump station upgrades, two master meter vaults, and appurtenances along KY 90 in McCreary and Whitley Counties to provide a reliable source of potable water to the Cumberland Falls State Park and the Riverwoods Environmental Center.

Lake Cumberland Falls State Park and Riverwoods Environmental Water Main Extension Project will be completely covered by the ARC Grant, RD Grant, and Loan.



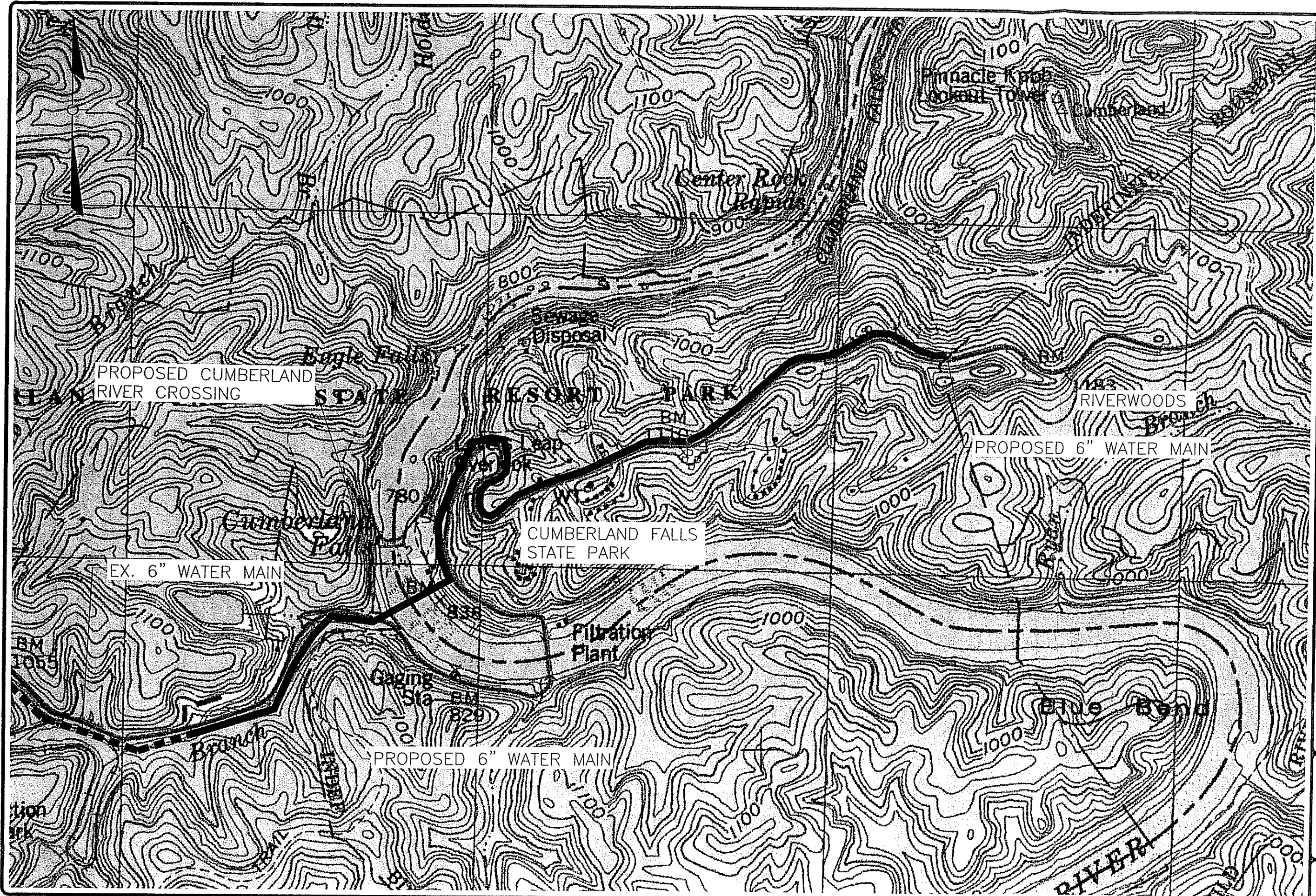
Signed:

Strand Associates, Inc.  
325 West Main Street, Suite 710  
Louisville, Kentucky 40202

By:

A handwritten signature in black ink, appearing to read "Mark C. Askin".

Mark C. Askin, P.E.



NO.	REVISIONS	DATE

DATE: 01-2004	DES BY: MCA	CHK BY: MCA
RECORD DRAWING	BY:	DATE:
	CONTRACTOR:	

McCreary County Water District  
 Lake Cumberland Falls State Park and  
 Riverwoods Environmental Water Main Extension Project  
 U.S.G.S. TOPO MAP  
 Whitley City & Holly Hill  
 Whitley City, KY  
 NOT TO SCALE

McCreary County Water District  
 Lake Cumberland Falls State Park and  
 Riverwoods Environmental Water Main Extension Project  
 U.S.G.S. TOPO MAP  
 Whitley City & Holly Hill  
 Whitley City, KY  
 NOT TO SCALE

SHEET  
 1

JOB NO. 2-001-971

KENTUCKY GUIDE 7  
MAY 1998

SUMMARY ADDENDUM  
TO  
PRELIMINARY ENGINEERING REPORT

DATED October 2, 2006 & Revised February 9, 2007

FOR

McCreary County Water District – Cumberland Falls and Riverwoods Environmental Water Main  
Extensions, Contract 4

(Name of Project)

APPLICANT CONTACT PERSON Stephen Owens

APPLICANT PHONE NUMBER (606) 376 - 2540

APPLICANT TAX IDENTIFICATION NUMBER (TIN) 61 - 0654526

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

**I. GENERAL**

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

The Contract 4, Cumberland Falls and Riverwoods Environmental Water Main Extensions, will consist of constructing approximately 11,000 linear feet of 6" water main, pump station upgrades, two master meter vaults, and appurtenances along KY 90 in McCreary and Whitley Counties to provide a reliable source of potable water to the current Cumberland Falls State Park and the future Riverwoods Enviromental Center.

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

A. *Sewage Treatment:*

1. *Type:* Conventional

2. *Method of Sludge Disposal:* Sludge Press to landfill

3. *Cost per 1,000 gallons if sewage is contracted:* N/A

4. *Date Constructed:* 2001

B. *Treatment Capacity of Sewage Treatment Plant* 900,000 gpd

C. *Type of Sewage Collector System (Describe)* Pressurized Sewer System & Minimal gravity sewers

D. *Number and Capacity of Sewage Lift Stations* 18 Lift Stations Varying capacities

E. *Sewage Collection System:*

<i>Lineal Feet of Collector Lines, by Size</i>		1.5"	56,870	2"	38,390
2.5"	10,880	3"	15,160	4"	27,300
8"	5,920	10"	50,060		13,260
<i>Date(s) Constructed</i>		1997 to present			

F. *Conditions of Existing System: Briefly describe the conditions and suitability for continued use of facility now owned by the applicant. Include any major renovation*

*renovation that will be needed within five to ten years.*

*The existing wastewater conveyance system built in 1997 and expanded since this date. The sewer system is a relatively new system and is in good condition.*

III. FACILITY CHARACTERISTICS OF EXISTING WATER SYSTEM

1. 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 McCreary County Water District (MCWD) has been providing potable water to portions of McCreary County since 1964. MCWD owns and operates two water treatment plants, plant number 1 is located near the community of Whitley City and has a capacity of 1.5 million gallons per day with its source of raw water being from Laurel Creek and plant number 2 is located near the community of Wiborg and has a rated capacity of 3.0 million gallons per day with its source of raw water being from the Big South Fork of the Cumberland River.

If the applicant purchases water:

Seller(s):

1. N/A \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

Price/1,000 gallons:

1. N/A \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

Present Estimated Market Value of Existing System: \$35,196,104\*

\*Note: Market value as of 12/31/05 per public service commission report.

2. Water Storage:

Type:	Ground Storage Tank	_____	Elevated Tank	_____	9
	Standpipe	_____	Other	_____	
		2			
Number of Storage Structures	_____ 11 _____				
Total Storage Volume Capacity	_____ 2,700,000 gallons _____				
Date Storage Tank(s) Constructed	_____ 1964 to present _____				

3. Water Distribution System:

Pipe Material	Ductile Iron, A/C, & PVC				
Lineal Feet of Pipe:	2" Diameter	_____	3	_____	256,300
	4"	_____	6	_____	299,560
	8"	_____	10	_____	37,440
	12"	_____	16	_____	10,560
	18"	_____		_____	
Dates(s) Water Lines Constructed	_____ 1964 to present _____				
Number and Capacity of Pump Station(s)	_____ 4 @ varying capacity _____				

4. 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 water system is in good operating condition. The current MCWD staff maintains  
 \_\_\_\_\_ The system and it is in very good condition and well maintained. \_\_\_\_\_

E. Percentage of Water Loss Existing System: \_\_\_\_\_ 14.52% \_\_\_\_\_

IV. EXISTING LONG-TERM INDEBTEDNESS

I. List of Bonds and Notes:

Date of Issue	Bond/Note Holder	Principal Balance	Payment Date	Bond Type Water/Sewer*	Amount on Depos in Reserve Account
19 73	Issue Revenue Bond	36,000	See Note	100 %	%
19 93	Issue Revenue Bond	713,000	See Note	100 %	%
19 97	Issue Revenue Bond	362,500	See Note	100 %	%
20 01	Issue Revenue Bond	2,447,000	See Note	100 %	%
20 02	Issue Revenue Bond	15,258	See Note	100 %	%
20 04	Issue Revenue Bond	2,050,000	See Note	100 %	%
20 04	Issue Revenue Bond	1,471,227	See Note	100 %	%
19 97	Issue Revenue Bond	903,000	See Note	% 100	%
20 02	Issue Revenue Bond	832,000	See Note	% 100	%

**Note:** The principal payments are due at various times during the year. The principal balances shown above are as of 12/31/04 per financial report by Faulkner, King, Romenesko, & Wenz, PSC & 12/31/05 per public service commission report.

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

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

Date of Issue	Bond/Note Holder	Payment Year 2007	Interest Payment	Payment Year 2008	Interest Payment	Payment Year 2009	Interest Payment
1' All	ISSUE Revenue Bond - Water System	\$188,582	\$237,612	\$217,281	\$232,821	\$220,487	\$227,535
1' All	ISSUE Revenue Bond - Sewer System	\$25,000	\$77,040	\$26,000	\$75,960	\$28,000	\$74,835
All	ISSUE	\$213,582	\$314,652	\$243,281	\$308,781	\$248,487	\$302,370





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

<u>Meter Size</u>	<u>Water Connection Fee</u>	<u>Sewer Connection Fee</u>
<u>3/4" - Inch</u>	\$350.00	<i>Time plus materials</i>
<u>7/8" - Inch</u>	Time plus materials	<i>Time plus materials</i>
<u>1" - Inch</u>	Time plus materials	<i>Time plus materials</i>
<u>1" - 1/2 Inch</u>	Time plus materials	<i>Time plus materials</i>
<u>2" - Inch</u>	Time plus materials	<i>Time plus materials</i>
<u>3" - Inch</u>	Time plus materials	<i>Time plus materials</i>
<u>4" - Inch</u>	Time plus materials	<i>Time plus materials</i>
<u>6" - Inch</u>	Time plus materials	<i>Time plus materials</i>

IX. SEWER RATES - EXISTING SYSTEM (See attached Rate Schedule 7a)

<u>Percentage of Water Bill</u>	<u>See attached</u>	<u>%</u>	<u>Minimum Charge</u>	<u>See attached</u>
<i>Other: (If Charge Not Based on Water Bill)</i>				<i>N/A</i>

X. WATER RATES - EXISTING SYSTEM (See Attached Rate Schedule, Sheet 7b)

XI. ANALYSIS OF ACTUAL SEWER USAGE – EXISTING SYSTEM – 12 MONTH PERIOD  
(N/A Water Bonds Only)

XII. ANALYSIS OF ACTUAL WATER USAGE – EXISTING SYSTEM – 12 MONTH PERIOD  
(See Attached Spreadsheet for Water, Sheets 7c)

XIII. FACILITY CHARACTERISTICS OF PROPOSED SEWER SYSTEM N/A

XIV. LAND AND RIGHTS - PROPOSED SEWER SYSTEM N/A

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.

2

Form for Filing Rate Schedules

All Territory Served  
For \_\_\_\_\_  
P.S.C. NO. \_\_\_\_\_  
SHEET NO. \_\_\_\_\_  
CANCELLING P.S.C. NO. \_\_\_\_\_  
SHEET NO. \_\_\_\_\_

McCreary County Water District  
Name of Issuing Corporation

PUBLIC SERVICE COMMISSION  
OF KENTUCKY  
CLASSIFICATION OF SERVICE  
EFFECTIVE

MONTHLY SEWER RATES: JUL 02 1997 RATE PER UNIT

Residential

PURSUANT TO 807 KAR 5:011,  
SECTION 9(1)

BY: Stephan D. Bell

SECRETARY OF THE COMMISSION

First	2,000	Gallons	\$8.10	Minimum Bill
Next	8,000	Gallons	4.30	Per 1,000 Gallons
Next	10,000	Gallons	3.40	Per 1,000 Gallons
All Over	20,000	Gallons	2.70	Per 1,000 Gallons

Business

First	2,000	Gallons	\$10.80	Minimum Bill
Next	8,000	Gallons	5.80	Per 1,000 Gallons
Next	10,000	Gallons	4.50	Per 1,000 Gallons
All Over	20,000	Gallons	3.60	Per 1,000 Gallons

East Pine Knot System (only)

Customer Class	Rate
Residential	\$11.82
Commercial	\$11.82 Per Residential Equivalent *

\* The number of Residential Equivalents and, or fractional parts there of shall be determined by dividing the customers average monthly water consumption in gallons. The minimum bill for this type of service shall be \$11.82.

DATE OF ISSUE June 9, 1997

DATE EFFECTIVE July 2, 1997

ISSUED BY Raymond Taylor  
Name of Officer

TITLE Chairman

Issued by authority of an Order of the Public Service Commission  
97-248 June 9, 1997  
of Kentucky in Case No. 79

) Form for Filing Rate Schedules

For All Territory Served

P.S.C. NO. \_\_\_\_\_

3rd Revised Sheet 2

SHEET NO. \_\_\_\_\_

2A

CANCELLING P.S.C. NO. \_\_\_\_\_

2

\_\_\_\_\_ SHEET NO. \_\_\_\_\_

McCreary County Water District  
Name of Issuing Corporation

CLASSIFICATION OF SERVICE

MONTHLY WATER RATES:

RATE PER UNIT

RESIDENTIAL AND NONRESIDENTIAL

First 2,000 Gallons  
All Over 2,000 Gallons

\$14.95 Minimum Bill  
4.95 Per 1,000 Gallons

FEDERAL PRISON FACILITY

First 1,950,000 Gallons  
All Over 1,950,000 Gallons

\$9,657.55 Minimum Bill  
4.95 Per 1,000 Gallons

WATER CONNECTION FEE

5/8" X 3/4" Meter  
All Larger Size Meters

\$350.00  
Actual Cost

DATE OF ISSUE June 29, 2004

ISSUED BY Raymond Taylor  
Name of Officer

Issued by authority of an Order of the Public Service Commission  
of Kentucky in Case No. 2004-00206 dated June 2

DATE OF ISSUE	<u>June 29, 2004</u>
TITLE	<u>Chairman</u>
	<u>6/29/2004</u>
	<u>PURSUANT TO 807 KAR 5.011 SECTION 9 (1)</u>
	<u>June 2</u>
By	<u>[Signature]</u>
	<u>Executive Director</u>

McCreary County Water District

XII. ANALYSIS OF ACTUAL WATER USAGE - EXISTING SYSTEM - 12 MONTH PERIOD  
For Period January 2006 to Decemeber 2006

All Meter Sizes	Monthly Water Usage	Average	APARTMENTS AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			TOTAL
			No. of Users	Usage	Income	
0 - 2,000 Gallons		1,000	7	1,000	1,255.80	
			APARTMENTS AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
15,000 - 16,000 Gallons		15,500	28	15,200	26,977.44	\$ 28,233.24
			COMMERICAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
0 - 2,000 Gallons		1,000	144	700	25,833.60	
			COMMERICAL AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
17,000 - 18,000 Gallons		16,500	112	17,000	119,884.80	\$ 145,718.40
			CHURCH NON PROFIT AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
0 - 2,000 Gallons		1,000	50	500	8,970.00	
			CHURCH NON PROFIT AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
6,000 - 7,000 Gallons		6,500	13	6,900	6,115.98	\$ 15,085.98
			EDUCATIONAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
0 - 2,000 Gallons		1,000	8	300	1,435.20	
			EDUCATIONAL AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
48,000 - 49,000 Gallons		48,500	15	48,500	44,122.50	\$ 45,557.70
			FARMSTEAD AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
0 - 2,000 Gallons		1,000	-	-	0.00	
			FARMSTEAD AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
11,000 - 12,000 Gallons		11,500	1	11,800	761.52	\$ 761.52
			GOVERNMENT USAGE UNDER 2,000 GALLONS PER MONTH			
0 - 2,000 Gallons		1,000	58	700	10,405.20	
			GOVERNMENT AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
32,000 - 33,000 Gallons		32,500	33	32,800	66,294.36	
			PRISON AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
6,591,000 - 6,592,000 Gall		6,591,500	1	6,591,100	389,789.94	\$ 466,489.50
			FIRE DEPARTMENT AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
0 - 2,000 Gallons		1,000	5	700	897.00	
			FIRE DEPARTMENT AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
3,000 - 4,000 Gallons		3,500	3	3,600	823.32	\$ 1,720.32
			INDUSTRIAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
0 - 2,000 Gallons		1,000	3	700	530.20	
			INDUSTRIAL AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
58,000 - 59,000 Gallons		58,500	2	44,100	5,360.28	\$ 5,898.48
			RESIDENTIAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
0 - 2,000 Gallons		1,000	1,743	1,000	312,694.20	
			RESIDENTIAL AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
5,000 - 6,000 Gallons		5,500	3,895	5,000	1,392,852.00	\$ 1,705,546.20
			NON - RESIDENTIAL AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
28,000 - 29,000 Gallons		28,500	2	28,700	3,530.76	\$ 3,530.76
TOTAL INCOME EXISTING SYSTEM						\$ 2,418,542.10

B. Water Storage:

Type:	Ground Storage Tank	N/A	Elevated Tank	N/A
	Standpipe	N/A	Other	N/A
Number of Storage Structures				N/A
Total Storage Volume Capacity				N/A

C. Water Distribution System:

Pipe Material				DI
Lineal Feet of Pipe:	3" Diameter	N/A	4	N/A
	6"	11,000	8	N/A
	10"	N/A	12	N/A
Number and Capacity of Pump Station(s)				N/A

XVI. LAND AND RIGHTS- PROPOSED WATER SYSTEM

Number of Treatment Plant Sites	N/A
Number of Pump Sites	N/A
Number of Other Sites	N/A
Total Acreage	Unknown
Purchase Price	\$Unknown

XVII. NUMBER OF NEW SEWER USERS

<i>Residential (In Town) *</i>	N/A
<i>Residential (Out of Town) *</i>	N/A
<i>Non-Residential (In Town)</i>	N/A
<i>Non-Residential (Out of Town)</i>	N/A
<i>Total</i>	N/A
<i>Number to Total Potential Users Living in the Service Area</i>	N/A

\*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 WATER METER CONNECTION**

<u>Meter Size</u>	<u>Connection Fee</u>
<u>5/8" x 3/4"</u>	<u>\$0</u>
<u>1 - Inch</u>	<u>\$0</u>
<u>1 - 1/2 Inch</u>	<u>\$0</u>
<u>2 - Inch</u>	<u>\$0</u>
<u>3 - Inch</u>	<u>\$0</u>
<u>4 - Inch</u>	<u>\$0</u>
<u>5 - Inch</u>	<u>\$0</u>

**XIX. NUMBER OF NEW WATER USERS**

Residential (In Town)	<u>N/A</u>
Residential (Out of Town) <sup>2</sup>	<u>2 – Bulk Users</u>
Non-Residential (In Town)	<u>N/A</u>
Non-Residential (Out of Town)	<u>N/A</u>
Total	<u>N/A</u>
Number to Total Potential Users Living in the Service Area	<u>2 – Bulk Users</u>

\*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 WATER METER CONNECTION:**

<u>Meter Size</u>	<u>Water Connection Fee</u>	<u>Sewer Connection Fee</u>
<u>3/4" - Inch</u>	<u>\$350</u>	<u>\$ N/A</u>
<u>7/8" - Inch</u>	<u>\$N/A</u>	<u>\$ N/A</u>
<u>1" - Inch</u>	<u>\$N/A</u>	<u>\$ N/A</u>
<u>1" - 1/2 Inch</u>	<u>\$N/A</u>	<u>\$ N/A</u>
<u>2" - Inch</u>	<u>\$N/A</u>	<u>\$ N/A</u>
<u>3" - Inch</u>	<u>\$N/A</u>	<u>\$ N/A</u>
<u>4" - Inch</u>	<u>\$N/A</u>	<u>\$ N/A</u>
<u>6" - Inch</u>	<u>\$N/A</u>	<u>\$ N/A</u>

Meter Size

Water Connection Fee

Sewer Connection Fee

**XXI. SEWER RATES - PROPOSED** N/A

**XXII. WATER RATES - PROPOSED**

A. Recommended Rate Schedule with \$405,000 RD Grant and \$135,000 RD Loan:

Cumberland Falls State Park

First 600,000 Gallons @ \$2,600.00 Min.      \$3.48 per 1,000 gallons over 600,000 Gallons

Riverwoods Enviromental Center

First 450,000 Gallons @ \$1,860.00 Min.      \$3.48 per 1,000 gallons over 600,000 Gallons

**XXIII. FORECAST OF SEWER USAGE – INCOME – EXISTING SYSTEM – EXISTING USERS** (N/A Water Bonds Only)

**XXIV. FORECAST OF SEWER USAGE – INCOME – NEW USERS – EXTENSION ONLY**  
(N/A Water Bonds Only)

**XXV. FORECAST OF WATER USAGE – INCOME – EXISTING SYSTEM – EXISTING USERS** (12 MONTH PERIOD FROM 1/1/06 THROUGH 12/31/06) See Attached 10a & 10b

**XXVI. FORECAST OF WATER USAGE – INCOME – NEW USERS/IMPROVEMENTS** (12 MONTH PERIOD FROM 1/1/08 THROUGH 12/31/08) See Attached 10c, 10d, 10e, & 10f

**XXXVII. ESTIMATED PROJECT COST – SEWER** N/A

**XXXVIII. PROPOSED PROJECT FUNDING – SEWER** N/A



McCreary County Water District

XXV. FORECAST OF WATER USAGE - EXISTING SYSTEM - EXISTING USERS  
For Period January 2008 to December 2008

All Meter Sizes	Monthly Water Usage	Average	APARTMENTS AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			TOTAL
			No. of Users	Usage	Income	
	0 - 2,000 Gallons	1,000	7	1,000	1,255.80	
			APARTMENTS AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	15,000 - 16,000 Gallons	15,500	28	15,200	26,977.44	\$ 28,233.24
			COMMERCIAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
	0 - 2,000 Gallons	1,000	144	700	25,833.60	
			COMMERCIAL AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	17,000 - 18,000 Gallons	16,500	112	17,000	119,884.80	\$ 145,718.40
			CHURCH NON PROFIT AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
	0 - 2,000 Gallons	1,000	50	500	8,970.00	
			CHURCH NON PROFIT AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	6,000 - 7,000 Gallons	6,500	13	6,900	6,115.98	\$ 15,085.98
			EDUCATIONAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
	0 - 2,000 Gallons	1,000	8	300	1,435.20	
			EDUCATIONAL AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	48,000 - 49,000 Gallons	48,500	15	48,500	44,122.50	\$ 45,557.70
			FARMSTEAD AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
	0 - 2,000 Gallons	1,000	-	-	0.00	
			FARMSTEAD AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	11,000 - 12,000 Gallons	11,500	1	11,600	761.52	\$ 761.52
			GOVERNMENT USAGE UNDER 2,000 GALLONS PER MONTH			
	0 - 2,000 Gallons	1,000	58	700	10,405.20	
			GOVERNMENT AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	32,000 - 33,000 Gallons	32,500	33	32,800	65,294.36	
			PRISON AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	6,591,000 - 6,592,000 Gall	6,591,500	1	6,591,100	389,789.94	\$ 466,489.50
			FIRE DEPARTMENT AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
	0 - 2,000 Gallons	1,000	5	700	897.00	
			FIRE DEPARTMENT AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	3,000 - 4,000 Gallons	3,500	3	3,600	823.32	\$ 1,720.32
			INDUSTRIAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
	0 - 2,000 Gallons	1,000	3	700	538.20	
			INDUSTRIAL AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	58,000 - 59,000 Gallons	58,500	2	44,100	5,360.28	\$ 5,898.48
			RESIDENTIAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
	0 - 2,000 Gallons	1,000	1,743	1,000	312,694.20	
			RESIDENTIAL AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	5,000 - 6,000 Gallons	5,500	3,895	5,000	1,392,852.00	\$1,705,546.20
			NON - RESIDENTIAL AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	28,000 - 29,000 Gallons	28,500	2	28,700	3,530.76	\$ 3,530.76
TOTAL INCOME FUTURE SYSTEM						\$2,418,542.10

XXV. CURRENT OPERATING BUDGET - (WATER - EXISTING)  
 (As of last full operating year.)

01/01/06 through 12/31/06

A. Operating Income:

Water Sales	\$2,418,542
Suchage Fee	\$0
Other ( Lease Income and Miscellaneous Revenue )	\$0
Less Allowances and Deductions	\$0
<b>Total Operating Income</b>	<b>\$2,418,542</b>

B. Operation and Maintenance Expenses:

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

Potable Water System Expenses, includes water treatment & distribution	(\$646,037)
Contractual and Other Services	(\$216,150)
Administrative and General Expense - potable water system	(\$900,334)
<b>Total Operating Expenses</b>	<b>(\$1,762,521)</b>
<b>Net Operating Income</b>	<b>\$656,021</b>

C Non-Operating Income:

Interest on Deposits	\$0
Connection Fees	\$0
<b>Total Non-Operating Income</b>	<b>\$0</b>

**D Net Income** **\$656,021**

E. Debt Repayment:

Revenue Bond Interest	(\$113,000)
Revenue Bond Principal	(\$132,200)
RD Interest	(\$168,000)
RD Principal	(\$72,000)
<b>Total Debt Repayment</b>	<b>(\$485,200)</b>

**F. Balance Available for Coverage and Depreciation** **\$170,821**

**G Required Coverage @ 10%** **(\$48,520)**

**H Surplus (Deficit)** **\$122,301**

McCreary County Water District

**XXV. FORECAST OF WATER USAGE - EXISTING SYSTEM - EXISTING USERS**  
**For Period January 2008 to Decemeber 2008**

All Meter Sizes	Monthly Water Usage	Average	APARTMENTS AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			TOTAL
	0 - 2,000 Gallons	1,000	No. of Users	Usage	Income	
			7	1,000	1,255.80	
			APARTMENTS AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	15,000 - 16,000 Gallons	15,500	No. of Users	Usage	Income	\$ 28,233.24
			28	15,200	26,977.44	
			COMMERICAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
	0 - 2,000 Gallons	1,000	No. of Users	Usage	Income	
			144	700	25,833.60	
			COMMERICAL AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	17,000 - 18,000 Gallons	16,500	No. of Users	Usage	Income	\$ 145,718.40
			112	17,000	119,884.80	
			CHURCH NON PROFIT AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
	0 - 2,000 Gallons	1,000	No. of Users	Usage	Income	
			50	500	8,970.00	
			CHURCH NON PROFIT AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	6,000 - 7,000 Gallons	6,500	No. of Users	Usage	Income	\$ 15,085.98
			13	6,900	6,115.98	
			EDUCATIONAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
	0 - 2,000 Gallons	1,000	No. of Users	Usage	Income	
			8	300	1,435.20	
			EDUCATIONAL AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	48,000 - 49,000 Gallons	48,500	No. of Users	Usage	Income	\$ 45,557.70
			15	48,500	44,122.50	
			FARMSTEAD AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
	0 - 2,000 Gallons	1,000	No. of Users	Usage	Income	
			-	-	0.00	
			FARMSTEAD AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	11,000 - 12,000 Gallons	11,500	No. of Users	Usage	Income	\$ 761.52
			1	11,800	761.52	
			GOVERNMENT USAGE UNDER 2,000 GALLONS PER MONTH			
	0 - 2,000 Gallons	1,000	No. of Users	Usage	Income	
			58	700	10,405.20	
			GOVERNMENT AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	32,000 - 33,000 Gallons	32,500	No. of Users	Usage	Income	
			33	32,800	66,294.36	
			PRISON AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	6,591,000 - 6,592,000 Gall	6,591,500	No. of Users	Usage	Income	\$ 466,489.50
			1	6,591,100	389,789.94	
			FIRE DEPARTMENT AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
	0 - 2,000 Gallons	1,000	No. of Users	Usage	Income	
			5	700	897.00	
			FIRE DEPARTMENT AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	3,000 - 4,000 Gallons	3,500	No. of Users	Usage	Income	\$ 1,720.32
			3	3,600	823.32	
			INDUSTRIAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
	0 - 2,000 Gallons	1,000	No. of Users	Usage	Income	
			3	700	538.20	
			INDUSTRIAL AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	58,000 - 59,000 Gallons	58,500	No. of Users	Usage	Income	\$ 5,898.48
			2	44,100	5,360.28	
			RESIDENTIAL AVERAGE USAGE UNDER 2,000 GALLONS PER MONTH			
	0 - 2,000 Gallons	1,000	No. of Users	Usage	Income	
			1,743	1,000	312,694.20	
			RESIDENTIAL AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	5,000 - 6,000 Gallons	5,500	No. of Users	Usage	Income	\$1,705,546.20
			3,895	5,000	1,392,852.00	
			NON - RESIDENTIAL AVERAGE USAGE OVER 2,000 GALLONS PER MONTH			
	28,000 - 29,000 Gallons	28,500	No. of Users	Usage	Income	\$ 3,530.76
			2	28,700	3,530.76	

TOTAL INCOME FUTURE SYSTEM \$2,418,542.10

**McCreary County Water District**

**XXVI. FORECAST OF WATER USAGE - INCOME - NEW USERS - EXTENSION ONLY**  
**For Period January 2008 to Decemeber 2008**

All Meter

<u>Sizes</u>	<u>Monthly Water Usage</u>	<u>Average</u>		<b>TOTAL</b>
<b>PROPOSED RIVERWOODS ENVIROMENTAL CENTER AVERAGE USAGE OVER 2,000 GALLONS PER MONTH</b>				
			No. of Users	Usage
				Income
450,000 - 451,000 Gallor		450,500	1	450,000 22,320.00
				\$ 22,320.00
<b>PROPOSED SERVICE TO CUMBERLAND FALLS S.P. AVERAGE USAGE OVER 2,000 GALLONS PER MONTH</b>				
			No. of Users	Usage
				Income
960,000 - 961,000 Gallor		960,500	1	960,000 46,233.60
				\$ 46,233.60
				<b>TOTAL INCOME FUTURE SYSTEM</b>
				<b>\$ 68,553.60</b>

XXV. CURRENT OPERATING BUDGET - (WATER - EXISTING)  
(Future full operating year based on 2006 Data.)

01/01/08 through 12/31/08

A. Operating Income:

Water Sales	\$2,418,542
Suchage Fee	\$0
Other ( Lease Income and Miscellaneous Revenue )	\$0
Less Allowances and Deductions	\$0
<b>Total Operating Income</b>	<b>\$2,418,542</b>

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

Potable Water System Expenses, includes water treatment & distribution	(\$678,743)
Contractual and Other Services	(\$227,094)
Administrative and General Expense - potable water system	(\$945,914)
<b>Total Operating Expenses</b>	<b>(\$1,851,751)</b>
<b>Net Operating Income</b>	<b>\$566,791</b>

C Non-Operating Income:

Interest on Deposits	\$0
Connection Fees	\$0
<b>Total Non-Operating Income</b>	<b>\$0</b>

**D Net Income** **\$566,791**

E. Debt Repayment:

Revenue Bond Interest	(\$113,000)
Revenue Bond Principal	(\$132,200)
RD Interest	(\$168,000)
RD Principal	(\$72,000)
<b>Total Debt Repayment</b>	<b>(\$485,200)</b>

F. Balance Available for Coverage  
and Depreciation **\$81,591**

G Required Coverage @ 10% **(\$48,520)**

H Surplus (Deficit) **\$33,071**

XXVI. PROPOSED OPERATING BUDGET - (WATER - IMPROVEMENTS)  
 (1st Full Year Of Operation) Year Ending 12/31/2008

A Operating Income:	<b>No Rate Increase</b>	
	<b>ARC Grant \$500,000</b>	
	<b>RD Grant \$405,000</b>	
	<b>RD Loan \$135,000</b>	
Water Sales - Cumberland Falls State Park		<u>\$46,234</u>
Water Sales - Riverwoods Enviromental Center		<u>\$22,320</u>
Surcharge Fees - Cumberland Falls State Park		<u>\$0</u>
Surcharge Fees - Riverwoods Enviromental Center		<u>\$0</u>
Other ( Lease Income and Miscellaneous Revenue )		<u>\$0</u>
Less Allowances and Deductions		<u>\$0</u>
Total Operating Income		<u><b>\$68,554</b></u>
B Operation and Maintenance Expenses:		
(Based on Uniform System of Accounts prescribed by National Association of Regulatory Utility Commissioners)		
Potable Water System Expenses, includes water treatment & distribution		<u>(\$10,000)</u>
Contractual and Other Services		<u>(\$10,000)</u>
Administrative and General Expense - potable water system		<u>(\$10,000)</u>
Total Operating Expenses		<u><b>(\$30,000)</b></u>
Net Operating Income		<u><b>\$38,554</b></u>
C Non-Operating Income:		
Interest on Deposits		<u>\$0</u>
Other (Describe)		<u>\$0</u>
Total Non-Operating Income		<u><b>\$0</b></u>
D Net Income		<u><b>\$38,554</b></u>
E Debt Repayment:		
Revenue Bond Interest		<u>\$0</u>
Revenue Bond Principal		<u>\$0</u>
RD Interest		<u>(\$5,400)</u>
RD Principal		<u>(\$1,525)</u>
Total Debt Repayment		<u><b>(\$6,925)</b></u>
F. Balance Available for Coverage and Depreciation		<u><b>\$31,629</b></u>
G Required Coverage @ 10%		<u><b>(\$693)</b></u>
H Surplus (Deficit)		<u><b>\$30,936</b></u>

XXXIX. ESTIMATED PROJECT COST - WATER

Development	763,680.0
Land and Easements	5,000.0
Legal and Administrative	10,000.0
Surveys	15,000.0
Interest	13,620.0
Contingencies	91,364.0
Project Inspection Fees	49,728.0
Engineering Fees	76,608.0
Environmental Assessment	15,000.0
TOTAL	1,040,000.0

XXXX. PROPOSED PROJECT FUNDING – WATER

Applicant - User Contribution Fees	\$
Other – Local Contribution	
RD Loan	135,000.0
RD Grant	405,000.0
Tobacco Settlement (If applicable)	
CDBG (If applicable)	
HB 502	
ARC Grant	500,000.0
Other	
TOTAL	\$ 1,040,000.0