

Donald E. Skeeters
R. Terry Bennett
David T. Wilson II
Michael A. Pike
Dustin C. Humphrey



**SKEETERS, BENNETT
WILSON & PIKE**
— ATTORNEYS AT LAW —

Case No. 2017-00380

550 W Lincoln Trail Blvd
Radcliff, KY 40160

Real Estate Dept.
100-7 Vineland Centre Drive
Vine Grove, KY 40175

September 15, 2017

RECEIVED

SEP 18 2017

PUBLIC SERVICE
COMMISSION

Hon. Talina Mathews
Executive Director
Kentucky Public Service Commission
P.O. Box 615
Frankfort, KY 40602

**RE: Filing of Application for Certificate of Public Convenience and Necessity,
Approval of Revised Water Service Rates and Charges; and Authorizing the
Issuance of Certain Securities Pursuant to the Provisions of KRS 278.023**

Dear Director Mathews;

Please find enclosed an original and ten copies of Meade County Water District's application for the above requested approvals and orders. This application is in accordance with a Federally Funded construction project, per KRS 278.023. This project will include both an adjustment to the District's water rates and issuance of securities, through a Federal Rural Development loan. Bids have been received for the project and the low bidder will hold their bid prices no later than October 31, 2017.

We look forward to the Commission's approval, as required, in accordance with KRS 208.023. The Commission's prompt attention to this matter is appreciated, as time is of the essence given the bids expire on October 31st. The engineer has requested approval at least ten (10) days prior to October 31st, 2017 in order to get the Notice of Award and other documents to the Contractor.

If you have questions or require more information, please contact me directly or contact the District's General Manager, Mr. Joe Bartley at 270-422-5006 or at mcwatjb@bbtel.com.

Sincerely,

SKEETERS, BENNETT, WILSON & PIKE


David T. Wilson II

Encl; Original and 10 Copies of Application

**COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION**

IN THE MATTER OF:

**APPLICATION OF THE MEADE COUNTY
WATER DISTRICT FOR: (1) A CERTIFICATE OF
PUBLIC CONVENIENCE AND NECESSITY
AUTHORIZING CONSTRUCTION OF ADDITIONS
AND IMPROVEMENTS TO ITS WATER SYSTEM;
(2) APPROVAL OF REVISED WATER SERVICE
RATES AND CHARGES; AND (3) AUTHORIZING
THE ISSUANCE OF CERTAIN SECURITIES,
PURSUANT TO THE PROVISIONS OF
KRS 278.023 AND 807 KAR 5:069**

CASE NO. 2017-00380

RECEIVED

SEP 18 2017

PUBLIC SERVICE
COMMISSION

APPLICATION

1. The Applicant, Meade County Water District (the "Applicant") respectfully tenders this Application, pursuant to KRS 278.023, 807 KAR 5:069, and all other applicable laws and regulations, and requests that the Public Service Commission of Kentucky (the "Commission") issue an Order:
 - a. granting a Certificate of Public Convenience and Necessity authorizing the Applicant to construct major additions and improvements to its water system (the "Project") for the purpose of increasing its water transmission capacity to both its wholesale and retail customers;
 - b. approving the proposed adjustment of water rates and charges to be levied and collected by the Applicant; and
 - c. authorizing the issuance of certain securities by the Applicant.
2. The Applicant's address and contact information for this petition are:

Meade County Water District
1003 Armory Road
Brandenburg, Kentucky 40108
Telephone: 270-422-5006; Facsimile: 270-422-5068

Contact: Joe Bartley, General Manager; email mcwatjb@bbtel.com
Website: www.meadecountywater.com

3. The name, address, telephone number, fax number and email address for the Applicant's attorney is:

David T. Wilson, II
Skeeters, Bennett, Wilson & Pike
550 West Lincoln Trail Boulevard
Radcliff, Kentucky 40160
Email: david.wilson@sbw-law.com
Telephone: 270-351-4404; Facsimile: 270-352-4626
(807 KAR 5:001: Section 4(3.a)).

4. Applicant is a duly organized and operating water district, established in by Order of the Meade County Judge/Executive entered on the 10th day of May, 1983, and as amended by a Supplemental Order of the Meade County Judge/Executive entered on September 17, 1984 under the laws of the Commonwealth of Kentucky (KRS 74, *et seq.*) and is in good standing with the Commonwealth and is engaged in producing, selling and purchasing potable water and also providing sanitary sewer and storm water services. The Applicant operates and does business in a service area that includes portions of Meade County.
5. The Applicant also has a wholesale water purchase agreement with the City of Brandenburg and a wholesale water purchase agreement with Hardin County Water District No. 1.
6. The Project consists of the construction and installation of (i) approximately 4.73 miles of 12 inch water line and appurtenances; (ii) a 1,000 GPM pump station.
7. The Applicant proposes to finance the construction of the Project through (i) issuance of \$2,000,000.00 of its Water Works Revenue Bonds through the United States Department of Agriculture, Rural Development ("RD") and (ii) contribution from the Applicant in the amount of \$0. The Applicant has a commitment from RD to purchase said \$2,000,000 bonds maturing over a 40 year period at an interest rate not exceeding 2.75% per annum.
8. Any surplus funds from the RD loan will be used to make distribution system improvements.
9. The documents from the federal lending agency stating approval of the project and including all terms and conditions of the agreement are attached as **Exhibit No. 1 807 KAR 5:069 Section 2(2)**.
10. The letter of concurrence in contract award is included as **Exhibit No. 2. 807 KAR 5:069 Section 2(3)**.
11. The preliminary and final engineering reports and bid tabs are included as **Exhibit No. 3. 807 KAR 5:069 Section 2(4)**.
12. The engineering plans and specifications were prepared by HDR Engineering, Inc. and have been signed, sealed and dated by an engineer registered in the Commonwealth of Kentucky

(KRS 322.340) and are provided under separate cover as well as an original set of each has been included as a portable document format written to a compact disc under **Exhibit No. 4. 807 KAR 5:069 Section 2(5).**

13. A certified statement from the Applicant's General Manager, Mr. Joe Bartley, has been included as **Exhibit No. 5. (807 KAR 5:069, Section 6)**, which states:
 - (a) The plans and specifications have been designed to meet **807 KAR 5:066, Sections 4(3) and (4), Section 5(1), Section 6 and 7, Section 8(1) through (3), Section 9(1) and Section 10 – (807 KAR 5:069, Section 2, (a)(1)).**
 - (b) That all state approvals or permits have been obtained **(807 KAR 5:069, Section 2, (b)).**
 - (c) That the proposed rates, as approved by the Federal Government, shall be sufficient to produce the total revenue requirements recommended in the engineering reports and sufficient to service the new debt service for the bond payments to retire the Rural Development bond payments for said financing **(807 KAR 5:069, Section 2,(c)).**
 - (d) The anticipated beginning of construction is 9/25/2017 and the anticipated end of construction is 4/25/2018. **(807 KAR 5:069, Section 2, (d)).**
14. Public Notice was published in the local newspaper on 9/14/2017, posted on the Applicant's web page, and posted in a high traffic area at the Applicant Offices for 30 days as required by 807 KAR 5:069 Section 2(7). A copy of that notice with affidavit of publication is included as Exhibit 6. 807 KAR 5:069 Section 2(7). An affidavit of publication from the newspaper publisher verifying the contents of the notice, that the notice was published, and the date of the notice's publication will be filed with the Commission within fifteen (15) days. 807 KAR 5:069, Section 3(3)(b).
15. All engineering plans, specifications, reports and bid certifications have been prepared and sealed by a Kentucky registered professional engineer in accordance with **KRS 322.340.**

WHEREFORE, Meade County Water District respectfully requests, pursuant to KRS 278.023, that the Public Service Commission of the Commonwealth of Kentucky grant:

- (a) A Certificate of Public Need and Necessity for construction and installation of the project;
- (b) An Order authorizing the Applicant to issue bonds through the Rural Development Agency of the Federal Government in an amount not to exceed \$2,000,000 at an interest rate not to exceed 2.75% for a term of 40 years; and

- (c) An Order approving the proposed schedule of water service charges and rates as set forth in the Letter of Conditions filed herein as **Exhibit No. 1**.

DATED at Brandenburg, Kentucky this 14 day of Sept, 2017.

MEADE COUNTY WATER DISTRICT

BY: 

David T. Wilson, II, Attorney at Law
Attorney for Meade County Water District
Skeeters, Bennett, Wilson & Pike, PLC
550 West Lincoln Trail Boulevard
Post Office Box 610
Radcliff, Kentucky 40159
Telephone: (270) 351-4404
Cellular phone: (270) 272-5563
Facsimile: (270) 352-4626
Email: david.wilson@sbw-law.com

VERIFICATION

The undersigned, Mr. Joe Bartley, General Manager of the Meade County Water District, hereby verifies that he has personal knowledge of the matters set forth in the enclosed application requesting the Commission issue a Certificate of Public Need and Necessity, and approval of revised water service rates and the issuance of certain securities, and that he is duly designated by the Board of Commissioners of the Meade County Water District to sign and submit this information on its behalf.

MEADE COUNTY WATER DISTRICT

BY: 

JOE BARTLEY, GENERAL MANAGER

CERTIFICATE OF SERVICE


The undersigned, Mr. David T. Wilson, II, attorney for the Meade County Water District, hereby verifies that the foregoing was served on Talina R. Matthews, Executive Director, Kentucky Public Service Commission, 211 Sower Boulevard, Frankfort, Kentucky 40601-8204, on this 15 day of September, 2017.



DAVID T. WILSON, II, ESQ.
Attorney for Meade County Water District

STATE OF KENTUCKY
COUNTY OF HARDIN

I, the undersigned, a Notary Public, do hereby certify that on this 17 day of Sept, 2017, personally appeared before me Joe Bartley and David T. Wilson, II, who being by me first sworn, subscribed to and acknowledged that they both represent the Meade County Water District, a Kentucky Corporation, that they have signed the foregoing document as General Manager and attorney of the Corporation.



Notary Public, Kentucky State at Large
My commission expires: 9/1/2020
Notary ID: _____

Exhibit #1

REQUEST FOR OBLIGATION OF FUNDS

INSTRUCTIONS-TYPE IN CAPITALIZED ELITE TYPE IN SPACES MARKED () Complete Items 1 through 29 and applicable Items 30 through 34. See FMI.			
1. CASE NUMBER ST CO BORROWER ID 20-082-*****3975		LOAN NUMBER	FISCAL YEAR
2. BORROWER NAME Meade County Water District		3. NUMBER NAME FIELDS (1, 2, or 3 from Item 2)	
		4. STATE NAME Kentucky	
		5. COUNTY NAME Meade	
GENERAL BORROWER/LOAN INFORMATION			
6. RACE/ETHNIC CLASSIFICATION 1 - WHITE 2 - BLACK 3 - AVIAN 4 - HISPANIC 5 - API	7. TYPE OF APPLICANT 1 - INDIVIDUAL 2 - PARTNERSHIP 3 - CORPORATION 4 - PUBLIC BODY 5 - ASSOC OF FARMERS 6 - ORG OF FARMERS 7 - NONPROFIT-SECULAR 8 - NONPROFIT-FAITH BASED 9 - INDIAN TRIBE 10 - PUBLIC COLLEGE/UNIVERSITY 11 - OTHER	8. COLLATERAL CODE 1 - REAL ESTATE SECURED 2 - REAL ESTATE AND CHATTEL 3 - NOTE ONLY OR CHATTEL ONLY 4 - MACHINERY ONLY 5 - LIVESTOCK ONLY 6 - CROPS ONLY 7 - SECURED BY BONDS 8 - RLF ACCT	9. EMPLOYEE RELATIONSHIP CODE 1 - EMPLOYEE 2 - MEMBER OF FAMILY 3 - CLOSE RELATIVE 4 - ASSOC
10. SEX CODE 1 - MALE 2 - FEMALE 3 - FAMILY UNIT 4 - ORGAN MALE OWNED 5 - ORGAN FEMALE OWNED 6 - PUBLIC BODY	11. MARITAL STATUS 1 - MARRIED 2 - SEPARATED 3 - UNMARRIED (INCLUDES WIDOW/ED/DIVORCED)	12. VETERAN CODE 1 - YES 2 - NO	13. CREDIT REPORT 1 - YES 2 - NO
14. DIRECT PAYMENT 3 (See FMI)	15. TYPE OF PAYMENT 1 - MONTHLY 2 - ANNUALLY 3 - SEMI-ANNUALLY 4 - QUARTERLY	16. FEE INSPECTION 1 - YES 2 - NO	
17. COMMUNITY SIZE 1 - 10,000 OR LESS (FOR SFH AND HPD ONLY) 2 - OVER 10,000		18. USE OF FUNDS CODE (See FMI)	
COMPLETE FOR OBLIGATION OF FUNDS			
19. TYPE OF ASSISTANCE 061 (See FMI)	20. PURPOSE CODE 2	21. SOURCE OF FUNDS	22. TYPE OF ACTION 1 - OBLIGATION ONLY 2 - OBLIGATION/CHECK REQUEST 3 - CORRECTION OF OBLIGATION
23. TYPE OF SUBMISSION 1 - INITIAL 2 - SUBSEQUENT 2	24. AMOUNT OF LOAN \$2,000,000.00	25. AMOUNT OF GRANT	
26. AMOUNT OF IMMEDIATE ADVANCE	27. DATE OF APPROVAL MO DAY YR 08 12 16	28. INTEREST RATE 2.7500 %	29. REPAYMENT TERMS 40
COMPLETE FOR COMMUNITY PROGRAM AND CERTAIN MULTIPLE-FAMILY HOUSING LOANS			
30. PROFIT TYPE 1 - FULL PROFIT 2 - LIMITED PROFIT 3 - NONPROFIT			
COMPLETE FOR EM LOANS ONLY		COMPLETE FOR CREDIT SALE-ASSUMPTION	
31. DISASTER DESIGNATION NUMBER (See FMI)	32. TYPE OF SALE 1 - CREDIT SALE ONLY 2 - ASSUMPTION ONLY 3 - CREDIT SALE WITH SUBSEQUENT LOAN 4 - ASSUMPTION WITH SUBSEQUENT LOAN		
FINANCE OFFICE USE ONLY		COMPLETE FOR FP LOANS ONLY	
33. OBLIGATION DATE MO DA YR	34. BEGINNING FARMER/RANCHER (See FMI)		

If the decision contained above in this form results in denial, reduction or cancellation of USDA assistance, you may appeal this decision and have a hearing or you may request a review in lieu of a hearing. Please use the form we have included for this purpose.

Position 2

ORIGINAL - Borrower's Case Folder COPY 1 - Finance Office COPY 2 - Applicant/Lender COPY 3 - State Office

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0570-0062. The time required to complete this information collection is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

CERTIFICATION APPROVAL

For All Farmers Programs

EM, OL, FO, and SW Loans

This loan is approved subject to the availability of funds. If this loan does not close for any reason within 90 days from the date of approval on this document, the approval official will request updated eligibility information. The undersigned loan applicant agrees that the approval official will have 14 working days to review any updated information prior to submitting this document for obligation of funds. If there have been significant changes that may affect eligibility, a decision as to eligibility and feasibility will be made within 30 days from the time the applicant provides the necessary information.

If this is a loan approval for which a lien and/or title search is necessary, the undersigned applicant agrees that the 15-working-day loan closing requirement may be exceeded for the purposes of the applicant's legal representative completing title work and completing loan closing.

35. COMMENTS AND REQUIREMENTS OF CERTIFYING OFFICIAL

Approval of financial assistance is subject to the provisions of the Letter of Conditions dated 8-12-16, and any amendments thereto.

8/12/16 Obligation entered terminal @ 4:20pm. aw

36. I HEREBY CERTIFY that I am unable to obtain sufficient credit elsewhere to finance my actual needs at reasonable rates and terms, taking into consideration prevailing private and cooperative rates and terms in or near my community for loans for similar purposes and periods of time. I agree to use the sum specified herein, subject to and in accordance with regulations applicable to the type of assistance indicated above, and request payment of such sum. I agree to report to USDA any material adverse changes, financial or otherwise, that occur prior to loan closing. I certify that no part of the sum specified herein has been received. I have reviewed the loan approval requirements and comments associated with this loan request and agree to comply with these provisions.

(For FP loans at eligible terms only) If this loan is approved, I elect the interest rate to be charged on my loan to be the lower of the interest rate in effect at the time of loan approval or loan closing. If I check "NO", the interest rate charged on my loan will be the rate specified in Item 28 of this form. YES NO

WARNING: Whoever, in any matter within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals or covers up by any trick, schema, or device a material fact, or makes any false, fictitious or fraudulent statements or representations, or makes or uses any false writing or document knowing the same to contain any false, fictitious or fraudulent statement or entry, shall be fined under this title or imprisoned not more than five years, or both."

Date 8/12, 20 16

Douglas Cornett
Douglas Cornett, Chairman
(Signature of Applicant)

Date _____, 20 _____

(Signature of Co-Applicant)

37. I HEREBY CERTIFY that all of the committee and administrative determinations and certifications required by regulations prerequisite to providing assistance of the type indicated above have been made and that evidence thereof is in the docket, and that all requirements of pertinent regulations have been complied with. I hereby approve the above-described assistance in the amount set forth above, and by this document, subject to the availability of funds, the Government agrees to advance such amount to the applicant for the purpose of and subject to the availability prescribed by regulations applicable to this type of assistance.

Thomas G. Fern
(Signature of Approving Official)

Typed or Printed Name: Thomas G. Fern

Date Approved: 8-12-16

Title: State Director

38. TO THE APPLICANT: As of this date 8-22-16, this is notice that your application for financial assistance from the USDA has been approved, as indicated above, subject to the availability of funds and other conditions required by the USDA. If you have any questions contact the appropriate USDA Servicing Office.

Form RD 1942-46
(Rev. 6-10)

Position 3

UNITED STATES DEPARTMENT OF AGRICULTURE
RURAL DEVELOPMENT

FORM APPROVED
OMB NO. 0575-0015
OMB NO. 0570-0021
OMB NO. 0570-0061
OMB NO. 0570-0062
OMB NO. 0572-0137

LETTER OF INTENT TO MEET CONDITIONS

Date 08-12-2016

TO: United States Department of Agriculture

RURAL DEVELOPMENT

(Name of USDA Agency)

250 SPORTSMAN LAKE ROAD
ELIZABETHTOWN, KY 42701

(USDA Agency Office Address)

We have reviewed and understand the conditions set forth in your letter dated 08-12-2016. It is our intent to meet all of them not later than 03-12-2017.

MEADE COUNTY WATER DISTRICT

BY

Douglas Cornett
(Name of Association)

DOUGLAS CORNETT, CHAIRMAN

(Title)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0575-0015, 0570-0021, 0570-0061, 0570-0062 and 0572-0137. The time required to complete this information collection is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

Form RD 1942-46 (Rev. 6-10)



Rural Development

September 13, 2017

Kentucky State Office

771 Corporate Drive,
Suite 200
Lexington, KY
40503

Douglas Cornett, Chairman
Meade County Water District
1003 Armory Place
Brandenburg, KY 40108

Voice 859.224.7300
Fax 855.661.8335
TTY 859.224.7422

Re: Letter of Conditions Dated August 12, 2016

Dear Chairman Cornett:

This letter shall serve as Amendment No. 1 to the Letter of Conditions dated August 12, 2016. The purpose of this amendment is to revise rates due to a rate increase of purchased water from supplier.

Paragraph numbered "30" is revised to read as follows:

"30. 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:

First	2,000	gallons @ \$17.94.	- Minimum Bill.
Next	5,000	gallons @ \$ 8.68.	- per 1,000 gallons.
Next	10,000	gallons @ \$ 8.35.	- per 1,000 gallons.
Next	20,000	gallons @ \$ 7.58.	- per 1,000 gallons.
All Over	37,000	gallons @ \$ 6.50.	- per 1,000 gallons.

Proposed Wholesale Rates:

Doe Valley Water – \$3.89 per 1,000 gallons.
Otter Creek Water – \$4.01 per 1,000 gallons.
Bulk Water Sales - \$6.00 per 1000 gallons."

USDA is an equal opportunity provider, employer and lender.

If you wish to file a Civil Rights program complaint of discrimination, complete the USDA Program Discrimination Complaint Form (PDF), found online at http://www.ascr.usda.gov/complaint_filing_cust.html, or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at program.intake@usda.gov.

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

Sincerely,



JEFF JONES
Acting State Director

cc: Area Director - Columbia, Kentucky
 Area Manager - Elizabethtown, Kentucky
 Lincoln Trail ADD - Elizabethtown, Kentucky
 HDR - Lexington, Kentucky
 Rubin & Hays - Louisville, Kentucky
 David Wilson - Radcliff, Kentucky
 PSC - ATTN: Talina Mathews - Frankfort, Kentucky



United States Department of Agriculture

August 12, 2016

Mr. Douglas Cornett, Chairman
Meade County Water District
1003 Armory Place
Brandenburg, Kentucky 40108

SUBJECT: Recipient Name: Meade County Water District
Project Name: Flaherty Transmission Main

Dear Chairman Cornett:

This letter establishes conditions that must be understood and agreed to by you before further consideration may be given to the application. The loan 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 approval or as a representation as to the availability of funds. The docket may be completed on the basis of a RUS loan not to exceed \$2,000,000.

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:

1. Number of Users and Their Contribution:

There shall be 4,190 water users, of which all are existing users. The Area Director will review and authenticate the number of users and amount of connection fees prior to advertising for construction bids.

Rural Development • Kentucky State Office
771 Corporate Drive, Suite 200, Lexington, Kentucky 40502
Voice (859) 224-7300 • Fax (855) 661-8335 • TTY (859) 224-7422

USDA is an equal opportunity provider, employer and lender.

If you wish to file a Civil Rights program complaint of discrimination, complete the USDA Program Discrimination Complaint Form (PDF), found online at http://www.ascr.usda.gov/complaint_filing_cust.html, or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at program.intake@usda.gov.

2. 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."

3. Repayment Period:

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

4. Recommended Repayment Method:

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

5. 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 \$730 per month into a "Funded Debt Reserve Account" until the account reaches \$87,600. The deposits are to be resumed any time the account falls below the \$87,600.

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 \$4,583 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 utility systems.

6. Security Requirements:

A pledge of gross water revenue(s) will be provided in the Bond Ordinance. 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.

Additional security requirements are contained in RUS Bulletin 1780-28, "Loan Resolution Security Agreement," which also serves as an assignment of income.] A draft of all security instruments

must be reviewed and concurred in by the Agency prior to advertising for bids. The Loan Resolution must be duly adopted and executed prior to loan closing. The Grant Agreement must be fully executed prior to the first disbursement of grant funds.

7. 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.

8. Organization:

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

The District must maintain a current registration of their Dun and Bradstreet Data Universal Numbering System (DUNS) number in SAM.gov (System for Award Management) in order to receive federal loan and/or grant financial assistance. This registration must be updated/renewed at least annually.

9. Business Operations:

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

10. Conflict of Interest Policy:

Prior to obligation of funds, you will certify in writing that your organization has in place an up-to-date written policy on conflict of interest. The policy will include, at a minimum: (1) a requirement for those with a conflict/potential conflict to disclose the conflict/potential conflict, (2) a prohibition of interested members of the applicant's governing body from voting on any matter in which there is a conflict, and (3) a description of the specific process by which the governing body will manage identified or potential conflicts.

You must also submit a disclosure of planned or potential transactions related to the use of Federal funds that may constitute or present the appearance of personal or organizational conflict of interest. Sample conflict of interest policies may be found at the National Council of Nonprofits website, <https://www.councilofnonprofits.org/tools-resources/conflict-of-interest>, or in Internal Revenue Service Form 1023, Appendix A, "Sample Conflict of Interest Policy," at <http://www.irs.gov/pub/irs-pdf/i1023.pdf>. Though these examples reference non-profit corporations, the requirement applies to all types of Agency borrowers.

Disclosure must be in the form of a written letter signed and dated by the applicant's official. A negative disclosure of the same format is required if no conflicts are anticipated. Assistance in developing a conflict of interest policy is available through Agency-contracted technical assistance providers if desired.

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)/statistical and financial reports, quarterly and annually, in accordance with subsection 1780.47 of RUS Instruction 1780.

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 shall obtain the assistance of its accountant to establish the District's accounting system. Rural Development review of the accounting system is required.

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

The type of financial information that must be submitted is specified below:

Audits – An annual audit under the Single Audit Act is required if you expend \$750,000 or more in Federal financial assistance per fiscal year. The total Federal funds expended from all sources shall be used to determine Federal financial assistance expended. Expenditures of interim financing are considered Federal expenditures.

All audits are to be performed in accordance with 2 CFR Part 200, as adopted by USDA through 2 CFR Part 400. Further guidance on preparing an acceptable audit can be obtained from the Agency. It is not intended that audits required by this part be separate and apart from audits performed in accordance with State and local laws. To the extent feasible, the audit work should be done in conjunction with those audits. The audit must be prepared by an independent licensed Certified Public Accountant, or a State or Federal auditor if allowed by State law, and must be submitted within 9 months of your fiscal year end.

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 \$223,000.
- 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 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 "26" 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 must be constructed by the design/bid/build method of construction. 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 and/or Local 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. Bid Tabulation:

Immediately after bid opening, you must provide the Agency with the bid tabulation and your engineer's evaluation of bids and recommendations for contract awards. If the Agency agrees that the construction bids received are acceptable, adequate funds are available to cover the total project costs, and all the requirements of this letter have been satisfied, the Agency will authorize you to issue the Notice of Award.

- A. Cost Overruns – If bids are higher than expected, or if unexpected construction problems are encountered, you must utilize all options to reduce cost overruns. Negotiations, redesign, use of bidding alternatives, rebidding or other means will be considered prior to commitment of subsequent funding by the Agency. Any requests for subsequent funding to cover cost overruns will be contingent on the availability of funds. Cost overruns exceeding 20% of the development cost at time of loan or grant approval or where the scope of the original purpose has changed will compete for funds with all other applications on hand as of that date.
- B. Excess Funds – If bids are lower than anticipated at time of obligation, excess funds must be deobligated prior to start of construction except in the cases addressed in this paragraph. In cases where the original PER for the project included items that were not bid, or were bid as an alternate, the State Office official may modify the project to fully utilize obligated funds for those items. Amendments to the PER, ER, and letter of conditions may be needed for any

work not included in the original project scope. In all cases, prior to start of construction, excess funds will be deobligated, with grant funds being deobligated first. Excess funds do not include contingency funds as described in this letter.

16. Contract Documents, Final Plans, and Specifications:

- A. The contract documents must consist of the EJCDC construction contract documents as indicated in RUS Bulletin 1780-26 or other Agency-approved forms of agreement.
- B. The contract documents, final plans, and specifications must comply with RUS Instruction 1780, Subpart C – Planning, Designing, Bidding, Contracting, Constructing and Inspections, and must be submitted to the Agency for concurrence prior to advertising for bids along with an updated cost estimate. The Agency may require another updated cost estimate if a significant amount of time elapses between the original submission and advertising for bids.
- C. The use of any procurement method other than competitive sealed bids must be requested in writing and approved by the Agency.

17. Contract Review:

Your attorney will certify that the executed contract documents, including performance and payment, if required, are adequate and that the persons executing these documents have been properly authorized to do so in accordance with RUS Instruction 1780.61 (b).

18. 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.

E. Limited English Proficiency (LEP) under Executive Order 13166:

LEP statutes and authorities prohibit exclusion from participation in, denial of benefits of, and discrimination under Federally-assisted and/or conducted programs on the ground of race, color, or national origin. Title VI of the Civil Rights Act of 1964 covers program access for LEP persons.

LEP persons are individuals who do not speak English as their primary language and who have a limited ability to read, speak, write, or understand English. These individuals may be entitled to language assistance, free of charge. You must take reasonable steps to ensure that LEP persons receive the language assistance necessary to have meaningful access to USDA programs, services, and information your organization provides. These protections are pursuant to Executive Order 13166 entitled, "Improving Access to Services by Persons with Limited English Proficiency" and further affirmed in the USDA Departmental Regulation 4330-005, "Prohibition Against National Origin Discrimination Affecting Persons with Limited English Proficiency in Programs and Activities Conducted by USDA."

Agency financial programs must be extended without regard to race, color, religion, sex, national origin, marital status, age, or physical or mental handicap. You must display posters (provided by the Agency) informing users of these requirements, and the Agency will monitor your compliance with these requirements during compliance reviews.

19. 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.

20. 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.

21. 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."

22. 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.

23. 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.

24. Disbursement of Project Funds:

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

For each "construction account" as established, if the amount of RUS loan and grant funds plus any applicant contributions or funds from other sources to be deposited into the account are expected to exceed \$250,000 at any time, the financial institution will secure the amount in excess of \$250,000 by pledging collateral with the Federal Reserve Bank in an amount not less than the excess in accordance with 7 CFR, 1902.7(a).

Agency funds will be disbursed into the construction account through an electronic transfer system. The borrower should complete Form SF-3881, "Electronic Funds Transfer Payment Enrollment Form," for each account where funds will be electronically received. The completed form(s) must be received by Rural Development at least thirty (30) days prior to the first advance of funds.

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

Borrowers receiving federal loan and/or grant funds by EFT will have funds directly deposited to a specified account at a financial institution with funds being available to the recipient on the date of payment.

Any applicant contribution will be the first funds expended, followed by other funding sources. Interim financing or Agency loan funds will be expended after all other funding sources unless an agreement is reached with all other funding sources on how funds are to be disbursed prior to start of construction or loan closing, whichever occurs first. Interim financing funds or Agency loan funds must be used prior to the use of Agency grant funds. The Grant funds must not be disbursed prior to loan funds except as specified in RUS Instruction 1780.45 (d). In the unlikely event the Agency mistakenly disburses funds, the funds will be remitted back to the Agency electronically.

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 District Council 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.

25. 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 are to be deposited in an interest bearing account in accordance with 2 CFR part 200 and interest in excess of \$500 per year remitted to the Agency.

The funds should be disbursed by the recipient immediately upon receipt and there should be little interest accrual on the Federal funds. Recipients shall maintain advances of Federal funds in interest-bearing account, unless:

- a. The recipient receives less than \$120,000 in Federal awards per year.
- b. The best reasonably available interest-bearing account would not be expected to earn interest in excess of \$500 per year on Federal cash balances.
- c. The depository would require an average or minimum balance so high that it would not be feasible within the expected Federal and non-Federal cash resources.
- d. A foreign government or banking system prohibits or precludes interest-bearing accounts.

26. Project Budget:

Estimated expenditures are as follows:

Project Costs:

Development	\$ 1,570,000
Land and Rights	10,000
Legal and Administrative	10,000
Engineering Fees	217,175
Interest	25,000
Contingencies	157,000
Environmental, GIS, testing	<u>10,825</u>

TOTAL PROJECT COST \$ 2,000,000

Project Funding:

RUS Loan	<u>\$2,000,000</u>
----------	--------------------

TOTAL FUNDING \$2,000,000

Any changes in funding sources following obligation of Agency funds must be reported to the processing official. Project feasibility and funding will be reassessed if there is a significant change in project costs after bids are received. If actual project costs exceed the project cost estimates, an additional contribution by the Owner may be necessary. Prior to advertisement for construction bids, you must provide evidence of applicant contributions and approval of other funding sources.

This evidence should include a copy of the commitment letter. Agency funds will not be used to pre-finance funds committed to the project from other sources.

Obligated loan or grant funds not needed to complete the proposed project will be deobligated prior to start of construction. Any reduction will be applied to grant funds first. An amended letter of conditions will be issued for any changes to the total project budget.

27. Construction Completion Timeframe:

All projects are required to be completed and all funds disbursed within five years of obligation. If funds are not disbursed within five years of obligation, you must submit a written waiver request with adequate justification of extenuating circumstances beyond your control for an extension of time. Any additional requests for waivers beyond the initial extension will be submitted through the State Office to the Assistant Administrator for concurrence decision.

28. Use of Remaining Project Funds:

The applicant contribution shall be considered as the first funds expended. After providing for all authorized costs, any remaining project funds will be considered to be RUS loan funds.

29. 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.

30. 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:

First	2,000	gallons @ \$	17.40. - Minimum Bill.
Next	5,000	gallons @ \$	8.41. - per 1,000 gallons.
Next	10,000	gallons @ \$	8.07. - per 1,000 gallons.
Next	20,000	gallons @ \$	7.31. - per 1,000 gallons.
All Over	37,000	gallons @ \$	6.22. - per 1,000 gallons.

Proposed Wholesale Rates:

Doe Valley Water	\$3.62. - per 1,000 gallons.
Otter Creek Water	\$3.74. - per 1,000 gallons.
Bulk Sales	\$5.75. - per 1,000 gallons.

31. Water Purchase Contract:

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

32. Vulnerability Assessment/Emergency Response Plan (VA/ERP):

The Agency requires all financed water and wastewater systems to have a VA/ERP in place. Borrowers with existing systems must provide a certification that a VA/ERP has been completed prior to advertising for bids. The documents are not submitted to the Agency for VA/ERP requirements throughout the life of the loan.

33. 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.

34. 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.

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

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

36. Mitigation Measures:

- A. The project shall be in compliance with all requirements noted in the Governor's Office for Local Development letter dated May 20, 2015 and updated on May 9, 2016 from Ms. Lee Nalley.
- B. The design and construction shall be in compliance with the requirements of the U.S. Fish and Wildlife Service by letter dated April 11, 2016, 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. Any excavation by Contractor that uncovers a historical or archaeological artifact shall be immediately reported to Owner and a representative of Agency. Construction shall be temporarily halted until RD can consult with the State Historical Preservation Officer and issue further directions.
- E. The design and construction shall be in compliance with all local, state and federal environmental statutes, regulations and executive orders applicable to the project.
- F. Best Management Practices shall be incorporated into the project design, construction, and maintenance.

37. System for Award Management:

You will be required to maintain a Dunn and Bradstreet Data Universal Numbering System (DUNS) number and maintain an active registration in the System for Award Management (SAM) database. Renewal can be done on-line at: <http://sam.gov>. This registration must be renewed and revalidated every twelve (12) months for as long as there are Agency funds to be expended.

To ensure the information is current, accurate and complete, and to prevent the SAM account expiration, the review and updates must be performed within 365 days of the activation date, commonly referred to as the expiration date. The registration process may take up to 10 business days. (See 2 CFR Part 25 and the "Help" section at <http://sam.gov>).

38. Prepayment and Extra Payments:

Prepayments of scheduled installments, or any portion thereof, may be made at any time at the option of borrower, with no penalty.

Security instruments, including bonding documents, must contain the following language regarding extra payments, unless prohibited by State statute:

Prepayments of scheduled installments, or any portion thereof, may be made at any time at the option of the borrower. Refunds, extra payments and loan proceeds obtained from outside sources for the purpose of paying down the Agency debt, shall, after payment of interest, be applied to the installments last to become due under this note and shall not affect the obligation of borrower to pay the remaining installments as scheduled in your security instruments.

39. Security/Operational Inspections:

The Agency will inspect the facility and conduct a review of your operations and records management system and conflict of interest policy every three years for the life of the loan. You must participate in these inspections and provide the required information.

40. 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,



THOMAS G. FERN
State Director

Enclosures

cc: Area Director - Columbia, Kentucky
Area Manager - Elizabethtown, Kentucky
Lincoln Trail ADD - Elizabethtown, Kentucky
David Wilson - Radcliff, Kentucky
Rubin and Hays - Louisville, Kentucky
HDR Engineering - Lexington, Kentucky

Exhibit #2



United States Department of Agriculture

Rural Development August 17, 2017

Kentucky State Office

771 Corporate Drive,
Suite 200
Lexington, KY
40503

Voice 859.224.7300
Fax 859.224.7425
TTY 859.224.7422

SUBJECT: Meade County Water District
Flaherty Road Water Improvements
Contract Award Concurrence

TO: Area Office
Elizabethtown, 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, Phillips Brothers Construction, in the amount of \$1,429,586.

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


Jeff Jones
Acting State Director
Rural Development

cc: HDR
Louisville, Kentucky

USDA is an equal opportunity provider and employer.

If you wish to file a Civil Rights program complaint of discrimination, complete the USDA Program Discrimination Complaint Form (PDF), found online at http://www.ascr.usda.gov/complaint_filing_cust.html, or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at program.intake@usda.gov.



United States Department of Agriculture

Rural Development

August 17, 2017

Kentucky State Office

771 Corporate Drive,
Suite 200
Lexington, KY
40503

Voice 859.224.7300
Fax 859.224.7425
TTY 859.224.7422

SUBJECT: Meade County Water District
Flaherty Road Water Improvements
Resident Inspector Approval

TO: Area Office
Elizabethtown, Kentucky

Larry Doyle is approved as resident inspector for the subject project.


for
Jeff Jones
Acting State Director
Rural Development

cc: HDR
Louisville, Kentucky

USDA is an equal opportunity provider and employer.

If you wish to file a Civil Rights program complaint of discrimination, complete the USDA Program Discrimination Complaint Form (PDF), found online at http://www.ascr.usda.gov/complaint_filing_cust.html, or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at program.intake@usda.gov.

Exhibit #3

Flaherty Water Transmission Main Project

Preliminary Engineering Report
Meade County Water District



July 2015

*Preliminary Engineering Report
Flaherty Water Transmission Main Project
Meade County Water District*

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- A. MCWD Water Distribution System Map
- B. Alternative #1 Project Location Maps
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*Preliminary Engineering Report
Flaherty Water Transmission Main Project
Meade County Water District*

1. Project Planning

Introduction

The Meade County Water District (MCWD) provides potable water to a majority of Meade County, not including the City of Brandenburg (COB) and City of Muldraugh, along the eastern part of Meade County. MCWD distributes water only and does not produce and treat water for consumption. MCWD purchases water from two finished water suppliers: COB at the central section of its distribution system and Hardin County Water District No. 1 (HCWD1) from south eastern section of the distribution system. Forty percent is purchased from the COB and sixty percent from HCWD1.

Currently both suppliers treat and disinfect the water with chlorine. However, HCWD1 will soon be converting to chloramines, which has become the regional disinfectant of choice. If COB continues to disinfect with chlorine, MCWD will be required to separate their distribution system into two separate disinfection zones.

In order to improve water quality for its customers, reduce disinfection byproducts (DBPs) in the drinking water, maintain a consistent disinfection approach throughout the distribution system and provide water to meet existing and future system demands, MCWD is planning to implement this project to purchase all water from HCWD1 and have the hydraulic capacity to pump, convey and distribute finished water to the entire MCWD distribution system.

The purpose of this report is to provide a review and evaluation of the existing interconnects with HCWD1 and determine the required hydraulic improvements to purchase and convey all purchased water from HCWD1 to meet existing and future system demands. The report will develop alternatives of hydraulic improvements, identify new interconnect location and costs.

*Preliminary Engineering Report
Flaherty Water Transmission Main Project
Meade County Water District*

Existing Facilities

MCWD currently has four interconnects with HCWD1 and one with the COB. See Appendix A for water distribution system map and the location of each interconnect.

The primary interconnect with HCWD1 is at KY Highway 1600. The Sandridge interconnect is fed from a higher pressure zone from HCWD1 to serve the Sandridge area in Meade County. This area is isolated from the rest of the MCWD distribution system. The interconnects at KY Highway 144 and KY Highway 1882 are secondary (lower hydraulic grade) and are usually closed. When the KY Highway 1600 interconnect is open and flowing at 550 to 600 gpm, the flow at the secondary interconnects is negligible. This primary interconnect is a gravity interconnect with no pumping required on the MCWD side. The other interconnects provide flow into the distribution system only when the KY Highway 1600 interconnect is closed. The KY Highway 144 interconnect has a pump station to provide 300 to 350 gpm of flow.

The only interconnect with COB is at Old Ekron Road and Ghen Road. This interconnect requires pumping by MCWD because of available hydraulic grade. Approximately 300 to 400 gpm is pumped through this interconnect but in the past COB has limited MCWD to lower amounts during peak demand periods.

Projected Peak Demands

A review of MCWD wholesale purchases from HCWD1 and COB show an average day demand (ADD) of 750,000 gallons per day (gpd) and a maximum day demand (MDD) of 1,250 gpd.

Allowing for a growth of 20% in system demand, MCWD desires a future ADD of 900,000 gpd and MDD of 1,400,000 gpd.

*Preliminary Engineering Report
Flaherty Water Transmission Main Project
Meade County Water District*

2. Design & Alternatives Considered

Since the regional water producers and suppliers either treat and disinfect with chloramines or are going to convert to chloramines in the near future, MCWD desires to maintain a steady and consistent disinfection for its distribution system and purchase all water from wholesalers that treat and disinfect with chloramines. To split their distribution system into two disinfection zones would create dead-end lines and impact flow and pressure to some areas.

The design intent is to purchase all water from a supplier(s) that disinfects with chloramines, which can provide long-term reliable finished water source to MCWD and make the necessary hydraulic improvements to convey the potable water into the MCWD distribution system.

The COB was contacted to see if there were plans or interest to convert their water treatment plant disinfection method from chlorines to chloramines. At this time, COB has no plans to change the disinfection method.

Moving forward, this evaluation will focus on obtaining all purchased water from HCWD1 and increasing the flowrates at the existing interconnects or identifying a new interconnect, if feasible. The evaluation will also determine what hydraulic improvements are needed to convey enough water to meet MCWD's future system demands.

The MCWD and HCWD1 pipe networks and facilities (tanks, pump stations) were combined to perform a hydraulic analysis to determine flowrates and pressures at existing and new interconnect locations. Various scenarios were modeled for average day and peak hour demand conditions.

HCWD1 plans to construct approximately 10,800 lineal feet of 16-inch DI transmission water main from KY Highway 1882 and 144 to KY Highway 1500 and 313. The construction plans for these improvements have already been designed and approved by KDOW. These improvements will increase conveyance capacity from the HCWD1 Pirtle Water Treatment Plant (WTP) north toward Radcliff. HCWD1 plans to obtain RD funding for these improvements.

*Preliminary Engineering Report
Flaherty Water Transmission Main Project
Meade County Water District*

For each alternative evaluated the MCWD interconnect with COB at Old Ekron was taken offline/closed since this will no longer be a source of purchased water for MCWD under the current disinfection method by COB. *Each alternative also includes the 16" transmission main piping improvements proposed by HCWD1.*

The following alternatives were evaluated:

Alternative No. 1

This alternative utilizes the existing interconnects with HCWD1 and looks at how the flowrate can be increased at the KY Highway 1600 interconnect. The hydraulic analysis shows the available hydraulic grade at the KY Highway 1600 interconnect will lower by 10 psi or 23' of head. This is because the Pirtle WTP high service pumps will now have less head (friction loss) with the new 16-inch transmission main planned by HCWD1. So to maintain or increase the flow rate at this interconnect, MCWD will need to install a pump station to increase pressure and deliver water into the Flaherty tank. Approximately 21,500 lineal feet of new 12-inch water main along Coleman Road and KY Highway 313 will need to be installed. Pumping at this higher flowrate will increase the operating pressure in the Flaherty area, which consists of older 4- and 6- inch water mains, from 100 psi to 115 psi. MCWD has experienced a lot of breaks and leaks in the past when the operating pressure exceeds 100 psi in the Flaherty area. To maintain pressure in the Flaherty area around 100 psi with this alternative two pressure reducing valve stations would need to be installed along with replacing approximately 2 miles of existing 4- and 6-inch water mains.

A drawback of utilizing this interconnect is when HCWD's Pirtle WTP is taken down for service, the KY Highway 1600 interconnect has to be closed, since this location is south of HCWD1's KY Highway 1882 pump station. In this scenario, water is pumped from Radcliff tanks south to provide flow and pressure to the area. However, the KY Highway 1882 pump station does not have capacity to deliver water to MCWD's KY Highway 1600 interconnect. Without having another purchased water source MCWD would be without water while Pirtle WTP is shutdown for maintenance.

*Preliminary Engineering Report
Flaherty Water Transmission Main Project
Meade County Water District*

A preliminary layout of Alternative No. 1 is provided in Appendix B. A cost estimate for Alternative No. 1 is provided below.

Alternative No. 1 - New 1,000 gpm BPS at Existing KY Highway 1600 Interconnect					
ITEM NO.	ITEM	UNITS	QUANTITY	UNIT PRICE	EXTENSION
1	Mobilization/Demobilization	LS	1	\$ 12,000	\$ 12,000
2	Bonds and Insurance	LS	1	\$ 12,000	\$ 12,000
3	General Requirements	LS	1	\$ 12,000	\$ 12,000
4	New 12-Inch PVC Water Main	LF	21,500	\$ 48	\$ 1,032,000
5	New 12-Inch Gate Valve	EA	5	\$ 2,500	\$ 12,500
6	Replace Existing 4- and 6-inch Water Mans	LS	10,000	\$ 25	\$ 250,000
6	Pressure Reducing Valve Station and Site Work	EA	2	\$ 50,000	\$ 100,000
7	1000 GPM Booster Pump Station and Site Work	LS	1	\$ 265,000	\$ 265,000
8	Telemetry & SCADA at Station	LS	3	\$ 10,000	\$ 30,000
10	Total Preliminary Estimated Construction Cost				\$ 1,725,500
11	Construction Contingency (10%)				\$ 172,550
12	Development Cost(*)				\$ 298,000
13	Total Estimated Project Cost				\$ 2,196,050
(*) Development costs includes administration, legal, property acquisition, engineering and inspection					

Alternative No. 2

This alternative provides a new interconnect with HCWD1 at KY Highway 313. The hydraulic analysis shows the available hydraulic grade at the new location will require a new booster pumping station to boost pressure and deliver the required flowrate to fill the Flaherty tank and meet future system demands.

This is because as mentioned previously, the new 16-inch transmission main planned by HCWD1 will lower the available pressure by 10 psi or 23' of head. Also, the location of the proposed interconnect is farther north, away from the high service pumps, so there is even less pressure.

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Flaherty Water Transmission Main Project
Meade County Water District*

This alternative will require a new 1,000 gpm booster pump station, master meter vault and approximately 25,350 lineal feet of new 12-inch water main along KY Highway 313 to the existing man. This route is along a new roadway corridor, which will facilitate future growth for MCWD.

The scenario of higher operating pressures in the Flaherty area as described in Alternative No. 1 is avoided by making the tie-in to the Flaherty system near Flaherty road, where the pressure is much lower.

A positive for the new interconnect location is when HCWD1's Pirtle WTP is taken down for service, water can still be supplied to the new interconnect from the Radcliff tanks since the location is north of HCWD1's KY Highway 1882 pump station. Without having another purchased water source MCWD could continue to purchase water from HCWD1 when Pirtle WTP is shutdown for maintenance.

A preliminary layout of Alternative No. 2 is provided in Appendix C. A cost estimate for Alternative No. 2 is provided below.

<i>Alternative No. 2 - New 1,000 gpm BPS at New KY Highway 313 Interconnect</i>					
ITEM NO.	ITEM	UNITS	QUANTITY	UNIT PRICE	EXTENSION
1	Mobilization/Demobilization	LS	1	\$ 10,000	\$ 10,000
2	Bonds and Insurance	LS	1	\$ 10,000	\$ 10,000
3	General Requirements	LS	1	\$ 10,000	\$ 10,000
4	New 12-Inch PVC Water Main	LF	25,300	\$ 48	\$ 1,214,400
5	New 12-Inch Gate Valve	EA	5	\$ 2,500	\$ 12,500
6	New Master Meter Vault and Site Work	EA	1	\$ 38,100	\$ 38,100
7	1000 GPM Booster Pump Station and Site Work	LS	1	\$ 265,000	\$ 265,000
8	Telemetry & SCADA at Station	LS	1	\$ 10,000	\$ 10,000
10	Total Preliminary Estimated Construction Cost				\$ 1,570,000
11	Construction Contingency (10%)				\$ 157,000
12	Development Cost(*)				\$ 272,175
13	Total Estimated Project Cost				\$ 1,999,175
(*) Development costs includes administration, legal, property acquisition, engineering and inspection					

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Meade County Water District*

Alternative No. 3

Do nothing is not an option. When HCWD1 converts to chloramines MCWD will have to purchase all their water from either HCWD1 or COB, to maintain a steady and consistent disinfection for its distribution system. COB does not have the capacity to provide MCWD with enough water to meet existing and future system demands.

3. Selection of Alternative

The estimated project and construction cost is provided below for Alternatives No. 1 and No. 2:

<u>Alternative</u>	<u>Construction Cost</u>	<u>Project Cost</u>
No. 1	\$1,725,500	\$2,196,050
No. 2	\$1,570,000	\$1,999,175

Annual operations, maintenance and replacement costs will be very similar to each alternative and were not calculated.

Both alternatives allow MCWD to purchase additional flowrate/volumes to meet future system demands and provide the necessary hydraulic capacity to convey the purchased water. However, Alternative No. 2 provides more reliability and sustainability since it is not impacted when Pirtle WTP is shut down for maintenance and it is the least costly option. For these reasons Alternative No. 2 is the recommended option.

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4. Proposed Project

Preliminary Project Design

A preliminary layout of Alternative No. 2 is provided in Appendix C. The preliminary design includes a new 12-inch water transmission main, booster pump station with duplex pumps rated at 1,000 gpm each with VFDs, and master meter vault.

Budget

The table below shows the budget for the proposed project. *The project will be financed with a USDA - Rural Development Loan.*

BUDGET INFORMATION - Construction Programs			
	<i>Cost Classification</i>	<i>Total Cost</i>	<i>Total Allowable Cost</i>
1	Administrative and legal expenses	\$15,000	\$15,000
2	Land, structures, rights-of-ways, appraisals, etc.	\$10,000	\$10,000
3	Architectural and engineering fees	\$128,205	\$128,205
4	Other architectural and engineering fees	\$20,000	\$20,000
5	Project inspection fees	\$78,970	\$78,970
6	Construction	\$1,570,000	\$1,570,000
7	Miscellaneous	\$20,000	\$20,000
8	Contingencies	\$157,000	\$157,000
9	SUBTOTAL	\$1,999,175	\$1,999,175
10	TOTAL PROJECT COSTS	\$1,999,175	\$1,999,175

Permit Requirements

A Kentucky Department of Water Facilities Construction Permit is required for this project. No additional permits are required for the proposed design.

Sustainability Considerations

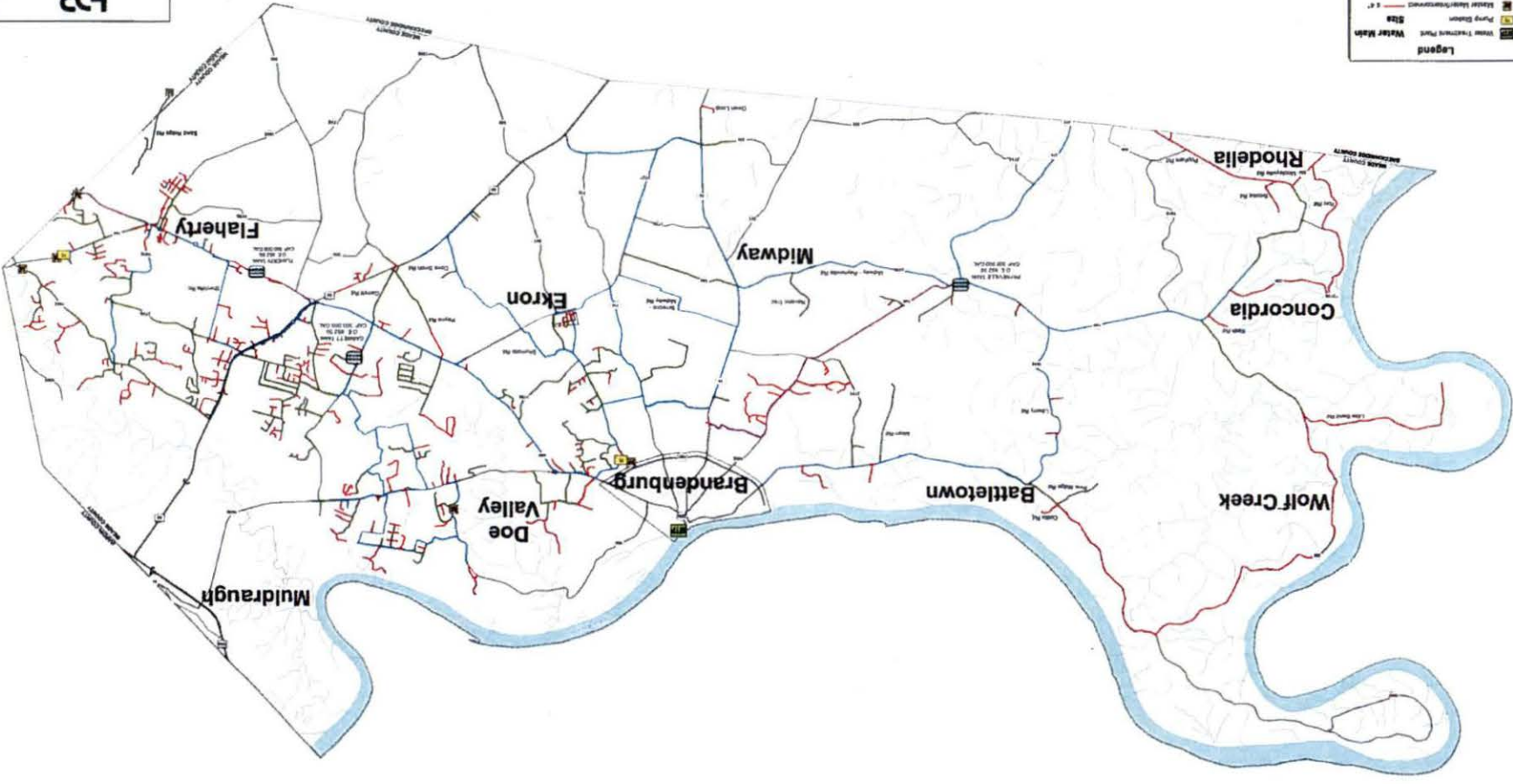
This project is designed to accommodate growth for the next 20 years. The pipeline assets will have a 50-plus year lifespan. The pump station facility will have a 20-year lifespan.

Appendix A

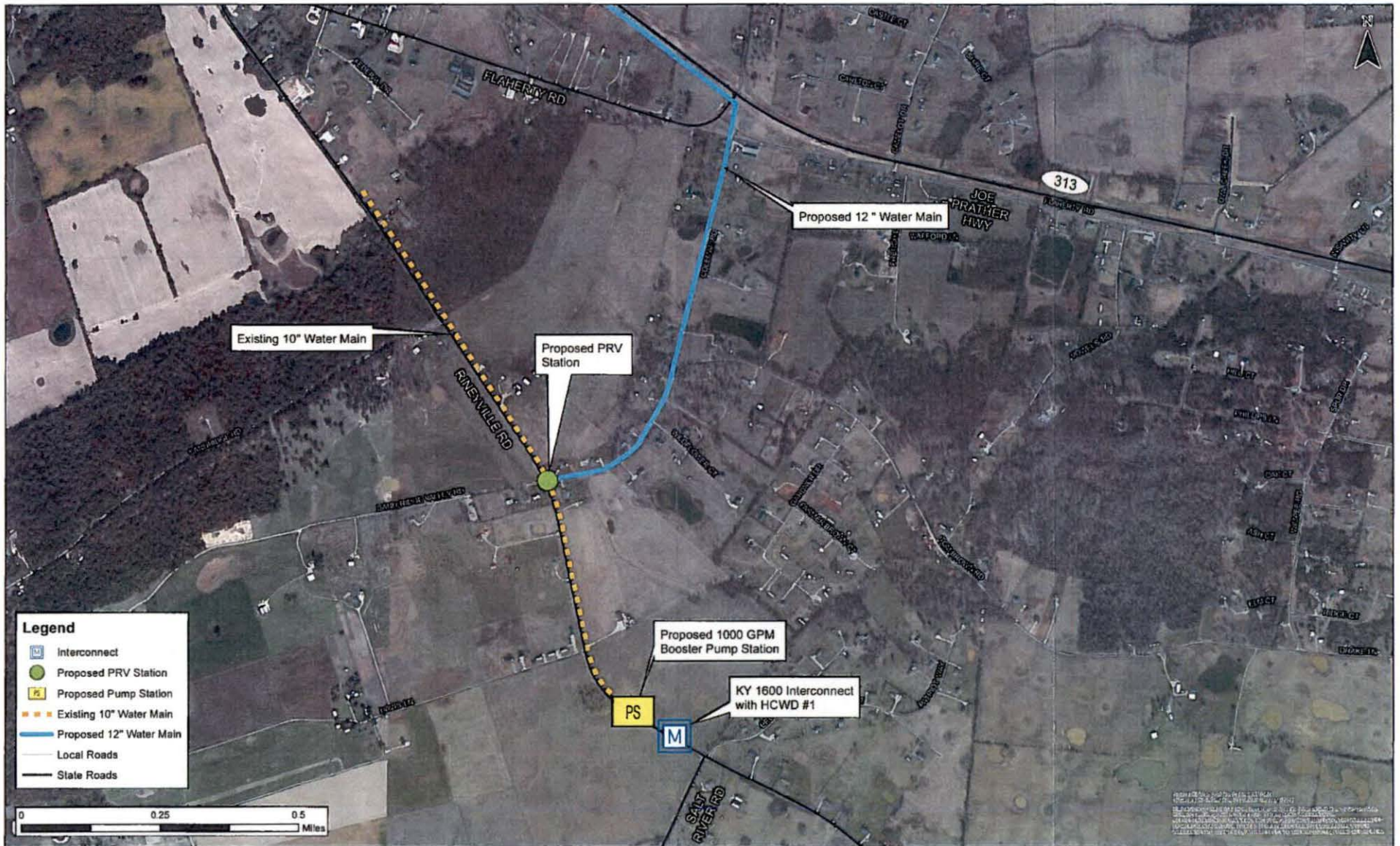
Meade County Water District
 Water Distribution
 System Map
 August 2011

Scale: 1 inch = 1 mile

- Legend**
- Water Main
 - Water Treatment Plant
 - Storage Tank
 - State Measurement
 - Flow
 - US Highway
 - KY Highway
 - County Boundary
 - City Boundary
 - Stream

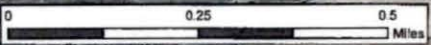


Appendix B



Legend

- Interconnect
- Proposed PRV Station
- Proposed Pump Station
- Existing 10" Water Main
- Proposed 12" Water Main
- Local Roads
- State Roads

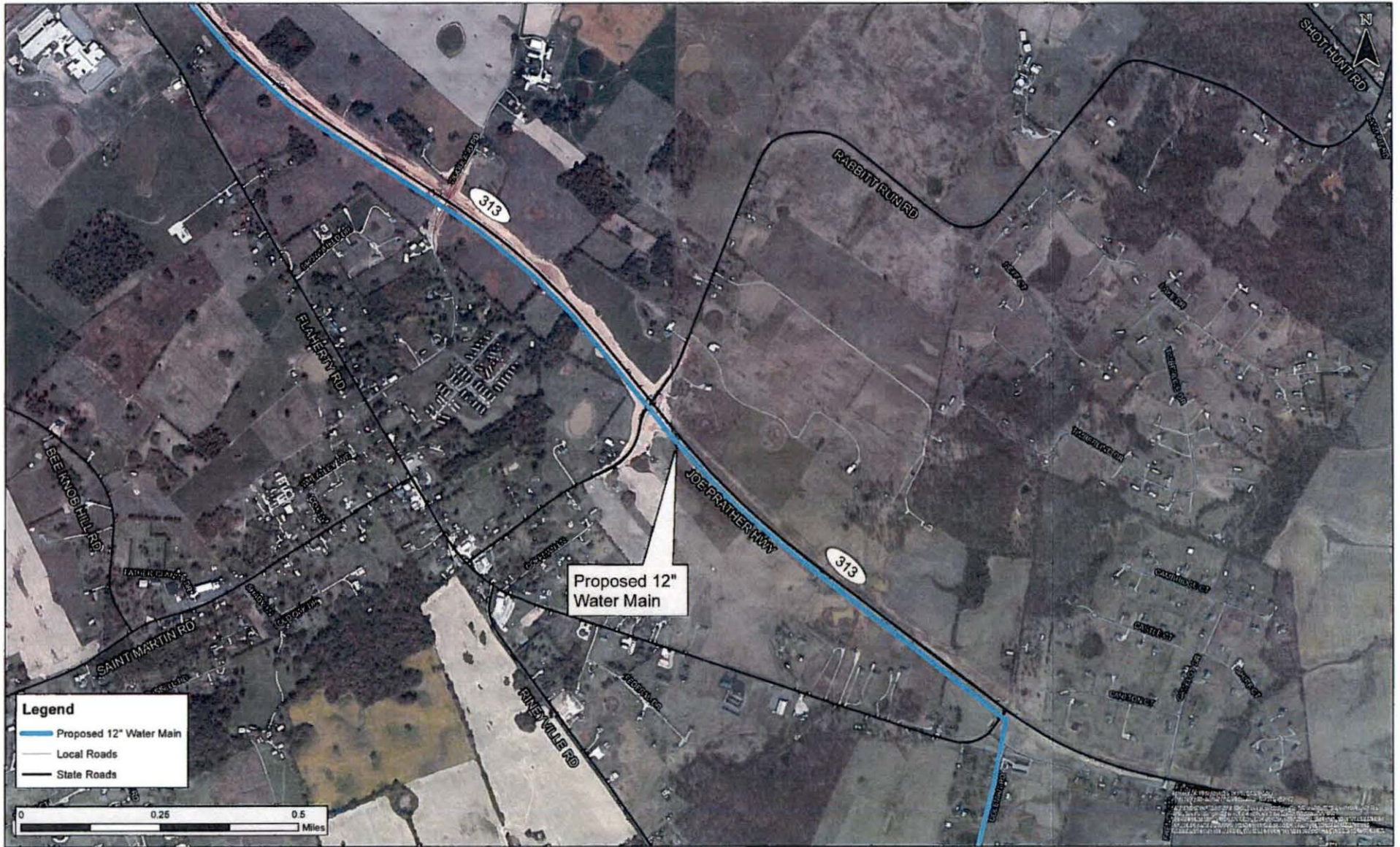


PROJ: 2018-01-01 11:11:11 AM
 USER: J. B. BROWN
 TITLE: PROJECT #1 - 11/15/18
 SHEET: 1 OF 1
 DATE: 11/15/18
 TIME: 11:11:11 AM
 PROJECT: PROJECT #1 - 11/15/18
 SHEET: 1 OF 1
 DATE: 11/15/18
 TIME: 11:11:11 AM



FLAHERTY WATER TRANSMISSION MAIN - ALTERNATIVE #1

Meade County Water District
 Brandenburg, KY



FLAHERTY WATER TRANSMISSION MAIN - ALTERNATIVE #1






Meade County Water District
 Brandenburg, KY

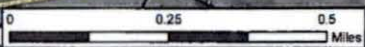


Appendix C



Legend

-  Interconnect
-  Proposed Pump Station
- Proposed 12" Water Main
-  Local Roads
-  State Roads
-  County Boundary



FLAHERTY WATER TRANSMISSION MAIN - ALTERNATIVE #2

Meade County Water District
 Brandenburg, KY





FLAHERTY WATER TRANSMISSION MAIN - ALTERNATIVE #2

Meade County Water District
 Brandenburg, KY



FLAHERTY WATER TRANSMISSION MAIN - ALTERNATIVE #2

Meade County Water District
 Brandenburg, KY

Flaherty Water Transmission Main Project Final Engineering Report Meade County Water District



August 2017




8/14/17

*Final Engineering Report
Flaherty Water Transmission Main Project
Meade County Water District*

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1. Project Planning

Introduction

Meade County Water District (MCWD) provides potable water to a majority of Meade County not including the City of Brandenburg (COB) and City of Muldraugh along the eastern part of Meade County. MCWD distributes water only and does not produce and treat water for consumption as potable water. MCWD purchases water from two finished water suppliers: COB at the central section of its distribution system and Hardin County Water District No. 1 (HCWD1) from south eastern section of the distribution system. Forty percent is purchased from the COB and sixty percent from HCWD1.

Currently both suppliers treat and disinfect the water with chlorine. However, HCWD1 will soon be converting to chloramines, which has become the regional disinfectant of choice. If COB continues to disinfect with chlorine, MCWD will be required to separate their distribution system into two separate disinfection zones.

In order to improve water quality for its customers, reduce disinfection byproducts (DBPs) in the drinking water, maintain a consistent disinfection approach throughout the distribution system and provide water to meet existing and future system demands, MCWD is planning to implement this project to purchase all water from HCWD1 and have the hydraulic capacity to pump, convey and distribute finished water to the entire MCWD distribution system.

This Final Engineering Report (FER) will detail the results of the project by reviewing and evaluating the existing interconnects with HCWD1 and reviewing the required hydraulic improvements to purchase and convey all purchased water from HCWD1 to meet existing and future system demands. This report will also provide a current look at the project budgetary numbers.

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Existing Facilities

MCWD currently has four (4) interconnects with HCWD1 and one (1) with the COB. See appendix for water distribution system map and the location of each interconnect.

The primary interconnect with HCWD1 is at KY Highway 1600. The Sandridge interconnect is fed from a higher pressure zone from HCWD1 to serve the Sandridge area in Meade County. This area is isolated from the rest of the MCWD distribution system. The interconnects at KY Highway 144 and KY Highway 1882 are secondary (lower hydraulic grade) and are usually closed. When the KY Highway 1600 interconnect is open and flowing at 550 to 600 gpm, the flow at the secondary interconnects are negligible. This primary interconnect is a gravity interconnect with no pumping required on the MCWD side. Only when KY Highway 1600 is closed does the other interconnects provide any flow into the distribution system. The KY Highway 144 interconnect has a pump station to provide 300 to 350 gpm of flow.

The only interconnect with COB is at Old Ekron Road and Ghen Road. This interconnect requires pumping by MCWD because of available hydraulic grade. Approximately 300 to 400 gpm is pumped through this interconnect but in the past COB has limited MCWD to lower amounts during peak demand periods.

Projected Peak Demands

A review of MCWD wholesale purchases from HCWD1 and COB show an average day demand (ADD) of 750,000 gallons per day (gpd) and a max day demand (MDD) of 1,250 gpd.

Allowing for a growth of 20% in system demand, MCWD desires a future ADD of 900,000 gpd and MDD of 1,400,000 gpd.

2. Design & Alternatives Considered

Since the regional water producers and suppliers either treat and disinfect with chloramines or are going to convert to chloramines in the near future, MCWD desires to maintain a steady and consistent disinfection for its distribution system and purchase all water from wholesalers that treat and disinfect with chloramines. To split their distribution system into two disinfection zones is not advised by Kentucky Division of Water. Also splitting the distribution system into two zones would create dead end lines and impact flow and pressure to some areas.

The design intent is to purchase all water from a supplier(s) that disinfects with chloramines, which can provide long term reliable finished water source to MCWD and make the necessary hydraulic improvements to convey the potable water into the MCWD distribution system.

The COB was contacted to see if there were plans or interest to convert their water treatment plant disinfection method from chlorines to chloramines. At this time, COB has no plans to change the disinfection method.

Moving forward, the evaluation focused on obtaining all purchased water from HCWD1 and increasing the flowrates at the existing interconnects or identifying a new interconnect, if feasible. The evaluation also determined what hydraulic improvements were needed to convey enough water to meet MCWD's future system demands.

The MCWD and HCWD1 pipe networks and facilities (tanks, pump stations) were combined to perform a hydraulic analysis to determine flowrates and pressures at existing and new interconnect locations. Various scenarios were modeled for average day and peak hour demand conditions.

HCWD1 has constructed approximately 10,800 lineal feet of 16-inch DI transmission watermain from KY Highway 1882 and 144 to KY Highway 1500 and 313. These improvements will increase conveyance capacity from the HCWD1 Pirtle Water Treatment Plant north toward Radcliff. HCWD1 obtained RD funding for these improvements.

*Final Engineering Report
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For each alternative evaluated, the MCWD interconnect with COB at Old Ekron was taken offline/closed since this will no longer be a source of purchased water for MCWD under the current disinfection method by COB. Each alternative also included the transmission main piping improvements described above by HCWD1.

The following alternatives were evaluated:

Alternative No. 1

This alternative utilizes the existing interconnects with HCWD1 and looks at how the flow rate can be increased at the KY Highway 1600 interconnect. The hydraulic analysis shows the available hydraulic grade at the KY Highway 1600 interconnect will lower by 10 psi or 23' of head. This is because the Pirtle high service pumps will now have less head (friction loss) with the new 16-inch transmission main planned by HCWD1. So to maintain or increase the flow rate at this interconnect, MCWD will need to install a pump station to increase pressure and deliver water into the Flaherty tank. Approximately 21,500 lineal feet of new 12-inch water main along Coleman Road and KY Highway 313 will need to be installed. Pumping at this higher flow rate will increase the operating pressure in the Flaherty area, which consists of older 4-inch and 6-inch water mains, from 100 psi to 115 psi. MCWD has experienced a lot of breaks and leaks in the past when the operating pressure exceeds 100 psi in the Flaherty area. To maintain pressure in the Flaherty area around 100 psi with this alternative two pressure reducing valve stations would need to be installed along with replacing approximately 2 miles of existing 4- and 6-inch water mains.

A drawback of utilizing this interconnect is when HCWD's Pirtle WTP is taken down for service, the KY Highway 1600 interconnect has to be closed, since this location is south of HCWD1's KY Highway 1882 pump station. In this scenario, water is pumped from Radcliff tanks south to provide flow and pressure to the area. However, the KY Highway 1882 pump station does not have capacity to deliver water to MCWD's KY Highway 1600 interconnect. Without having another purchased water source MCWD would be without water while Pirtle WTP is shutdown for maintenance.

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Alternative No. 2

This alternative provides a new interconnect with HCWD1 at KY Highway 313. The hydraulic analysis shows the available hydraulic grade at the new location will require a new booster pumping station to boost pressure and deliver the required flowrate to fill the Flaherty tank and meet future system demands.

This is because as mentioned previously, the new 16-inch transmission main planned by HCWD1 will lower the available pressure by 10 psi or 23' of head. Also, the location of the proposed interconnect is farther north, away from the high service pumps, so there is even less pressure.

This alternative will require a new 1,000 gpm booster pump station, master meter vault and approximately 25,350 lineal feet of new 12-inch water main along KY Highway 313 to the existing man. This route is along a new roadway corridor, which will facilitate future growth for MCWD.

The scenario of higher operating pressures in the Flaherty area as described in Alternative No. 1 is avoided by making the tie-in to the Flaherty system near Flaherty road, where the pressure is much lower.

A positive for the new interconnect location is when HCWD1's Pirtle WTP is taken down for service, water can still be supplied to the new interconnect from the Radcliff tanks since the location is north of HCWD1's KY Highway 1882 pump station. Without having another purchased water source MCWD could continue to purchase water from HCWD1 when Pirtle WTP is shutdown for maintenance.

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Flaherty Water Transmission Main Project
Meade County Water District*

Alternative No. 3

Do nothing is not an option. When HCWD1 converts to chloramines MCWD will have to purchase all their water from either HCWD1 or COB, to maintain a steady and consistent disinfection for its distribution system. COB does not have the capacity to provide MCWD with enough water to meet existing and future system demands.

3. Selection of Alternative

Both alternatives allowed MCWD to purchase additional flowrate/volumes to meet future system demands and provide the necessary hydraulic capacity to convey the purchased water. However, Alternative No. 2 provided more reliability and sustainability since it is not impacted when Pirtle WTP is shut down for maintenance and was the least costly option. For these reasons Alternative No. 2 was the recommended option.

4. Proposed Project

Project Design

The design included a new 12-inch water transmission main, booster pump station with duplex pumps rated at 1,000 gpm each with VFDs, and a control valve vault near the Flaherty Tank.

Additional costs required for the project, include the controls provided by MCWD and the proposed meter furnished by HCWD1

The project was advertised on July 13th, 2017, with a pre-bid meeting being held on July 20th, 2017. On August 2nd, 2017 bids were received at the Meade County Water District's office.

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Meade County Water District*

Bid Results

MCWD received five bids from contractors wanting to perform the work. All of the bidders are routinely involved in this type of utility work and all were considered to be qualified to perform the project. The bidders and bid amounts are shown below with additional details provided in the bid tabulation located in the appendix.

Contractor	Bid Amount
Phillips Brothers Construction	\$1,429,586.00
Twin States Utilities	\$1,496,917.00
Cumberland Pipeline, LLC	\$1,554,923.27
JODA International Inc.	\$1,924,900.00
Schroeder Construction Inc.	\$2,132,838.00

Budget

The table below shows the current budget for the proposed project. The project will be financed with Rural Development Loan.

*Final Engineering Report
Flaherty Water Transmission Main Project
Meade County Water District*

BUDGET INFORMATION - Construction Programs			
	<i>Cost Classification</i>	<i>Original Estimate</i>	<i>As-Bid Estimate</i>
1	Administrative and legal expenses	\$15,000	\$15,000
2	Land, structures, rights-of-ways, appraisals, etc.	\$10,000	\$10,000
3	Architectural and engineering fees	\$128,205	\$128,205
4	Other architectural and engineering fees	\$20,000	\$20,000
5	Project inspection fees	\$78,970	\$78,970
6	Construction*	\$1,570,000	\$1,583,374
7	Interim Financing	\$30,000	\$30,000
8	Contingencies	\$157,000	\$134,451
9	SUBTOTAL	\$2,000,000	\$2,000,000
10	TOTAL PROJECT COSTS	\$2,000,000	\$2,000,000

*Construction costs include \$125,000 parts/labor for SCADA, control and valve equipment provided by MCWD, and \$28,788 for the new interconnect meter and vault provided by HCWD1. Both items are part of the project and will be paid out of the RD loan.

Permit Requirements

A Kentucky Department of Water Facilities Construction Permit was required for this project. In addition, a KYTC encroachment permit was required for work done in the state rights of way. Copies of the permits are provided in the appendix.

Sustainability Considerations

This project is designed to accommodate growth for the next 20 years. The pipeline assets will have a 50 plus year lifespan. The pump station facility will have a 20 year lifespan.

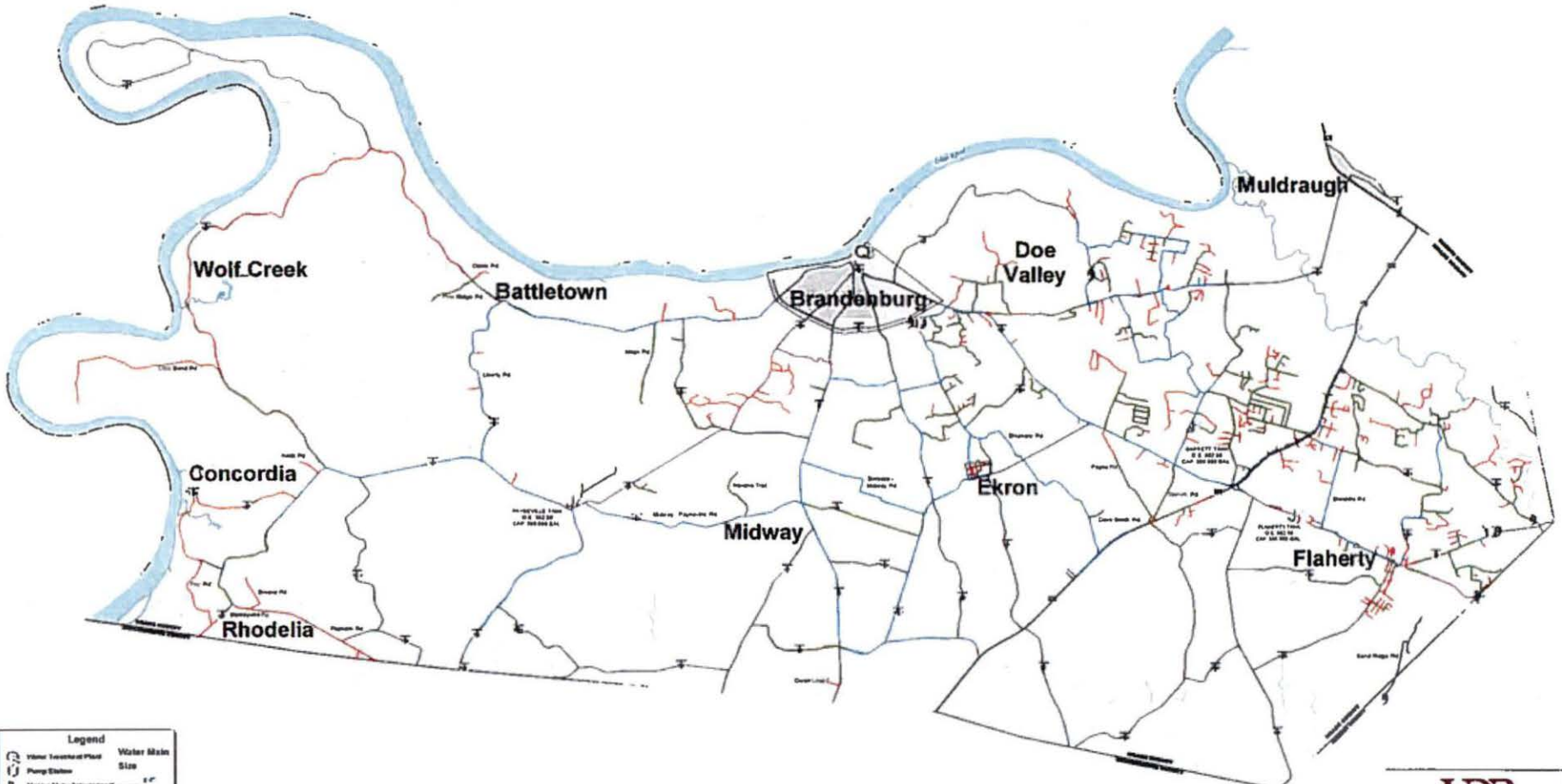
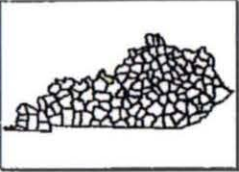
Appendix

Water Distribution

Map Bid Tabulation

Permits

4



Legend

	Water Treatment Plant		Water Main
	Pump Station		Size
	Water Tank		6"
	US Highway		8"
	KY Highway		10"
	Corporate Boundary		12"
	County Boundary		
	Waterbody		
	Stream		

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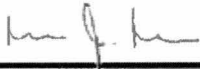


HDR
 Water Distribution
 System Map
 Meade County Water District
 August 2011

Bid Tabulation
Flaherty Water Transmission Main and Booster Pump Station
Bids Received: August 2, 2017

Contractor	Bid Amount
Phillips Brothers Construction	\$1,429,586.00
Twin States Utilities	\$1,496,917.00
Cumberland Pipeline, LLC	\$1,554,923.27
JODA International Inc.	\$1,924,900.00
Schroeder Construction Inc.	\$2,132,838.00

I hereby certify that this is a true and correct tabulation of the bids.



8/7/17

Kevin J. Brian, PE/Sr. Project Manager
HDR Engineering, Inc.

Bid Tabulation
 Fiaherly Water Transmission Main and Booster Pump Station
 Bids Received: August 2, 2017

Item No.	DESCRIPTION	Unit	Approx. Quantity	Phillips Brothers Construction		Twin States Utilities		Cumberland Pipeline, LLC	
				Bid Unit Price	Bid Amount	Bid Unit Price	Bid Amount	Bid Unit Price	Bid Amount
1	Mobilization	LS	1	\$225.00	\$225.00	\$10,000.00	\$10,000.00	\$2,000.00	\$2,000.00
2	Bonds and Insurance	LS	1	\$13,400.00	\$13,400.00	\$20,000.00	\$20,000.00	\$16,237.00	\$16,237.00
3	General Requirements	LS	1	\$14,812.00	\$14,812.00	\$10,000.00	\$10,000.00	\$140,000.00	\$140,000.00
4	Clearing and Grubbing	LS	1	\$250.00	\$250.00	\$5,000.00	\$5,000.00	\$1,250.00	\$1,250.00
5	12" PVC Waterline (SDR 17)	LF	26,578	\$23.82	\$633,087.96	\$26.50	\$704,317.00	\$28.42	\$755,346.76
6	8" PVC Waterline (SDR 17)	LF	270	\$26.40	\$7,128.00	\$22.00	\$5,940.00	\$24.34	\$6,571.80
7	6" PVC Waterline (SDR 17)	LF	478	\$19.00	\$9,082.00	\$20.00	\$9,560.00	\$22.44	\$10,726.32
8	12" Gate Valve	EA	18	\$2,180.00	\$39,240.00	\$3,200.00	\$57,600.00	\$2,041.00	\$36,738.00
9	10" Gate Valve	EA	1	\$1,855.00	\$1,855.00	\$2,900.00	\$2,900.00	\$1,687.00	\$1,687.00
10	Air Release Valve Assembly	EA	14	\$1,986.00	\$27,804.00	\$1,700.00	\$23,800.00	\$990.00	\$13,860.00
11	20" Steel Encasement (Bored)	LF	585	\$284.00	\$166,140.00	\$270.00	\$157,950.00	\$283.43	\$165,806.55
12	20" Steel Encasement (Open Cut)	LF	55	\$155.00	\$8,525.00	\$170.00	\$9,350.00	\$105.80	\$5,819.00
13	12" Steel Encasement (Bored)	LF	140	\$188.00	\$26,320.00	\$180.00	\$25,200.00	\$149.87	\$20,981.80
14	12" R.J. D.I. - Directional Drill	LF	460	\$275.40	\$126,684.00	\$190.00	\$87,400.00	\$156.84	\$72,146.40
15	8" R.J. D.I. - Directional Drill	LF	40	\$223.75	\$8,950.00	\$160.00	\$6,400.00	\$170.96	\$6,838.40
16	Concrete Encasement (Minor Ditch Crossing)	LF	200	\$26.00	\$5,200.00	\$35.00	\$7,000.00	\$19.00	\$3,800.00
17	Flush Hydrant Assembly	EA	5	\$3,088.00	\$15,440.00	\$3,300.00	\$16,500.00	\$2,735.91	\$13,679.55
18	Fire Hydrant Assembly	EA	3	\$3,874.00	\$11,622.00	\$4,400.00	\$13,200.00	\$3,848.18	\$11,544.54
19	Cap Main	EA	1	\$989.00	\$989.00	\$1,000.00	\$1,000.00	\$1,206.15	\$1,206.15
20	8" x 8" Tapping Valve & Sleeve	EA	1	\$3,857.00	\$3,857.00	\$4,400.00	\$4,400.00	\$2,590.00	\$2,590.00
21	6" x 6" Tapping Valve & Sleeve	EA	4	\$3,070.00	\$12,280.00	\$3,600.00	\$14,400.00	\$2,037.00	\$8,148.00
22	Water Booster Pump Station	LS	1	\$187,687.00	\$187,687.00	\$215,000.00	\$215,000.00	\$180,486.00	\$180,486.00
23	Control Valve & Vault	LS	1	\$29,898.00	\$29,898.00	\$25,000.00	\$25,000.00	\$19,492.00	\$19,492.00
24	Erosion Prevention & Sediment Control	LS	1	\$33,185.04	\$33,185.04	\$10,000.00	\$10,000.00	\$13,500.00	\$13,500.00
25	Traffic Control	LS	1	\$500.00	\$500.00	\$10,000.00	\$10,000.00	\$1,500.00	\$1,500.00
26	Demobilization	LS	1	\$225.00	\$225.00	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00
27	12" R.J.D.I. Waterline	LF	800	\$56.50	\$45,200.00	\$50.00	\$40,000.00	\$51.21	\$40,968.00
Total Bid Amount				\$1,429,586.00		\$1,496,917.00		\$1,554,923.27	

Bid Tabulation
Flaherty Water Transmission Main and Booster Pump Station
Bids Received: August 2, 2017

Item No.	DESCRIPTION	Unit	Approx. Quantity	JODA International Inc.		Schroeder Construction Inc.	
				Bid Unit Price	Bid Amount	Bid Unit Price	Bid Amount
1	Mobilization	LS	1	\$4,400.00	\$4,400.00	\$10,000.00	\$10,000.00
2	Bonds and Insurance	LS	1	\$30,600.00	\$30,600.00	\$45,000.00	\$45,000.00
3	General Requirements	LS	1	\$7,500.00	\$7,500.00	\$22,000.00	\$22,000.00
4	Clearing and Grubbing	LS	1	\$5,451.00	\$5,451.00	\$2,500.00	\$2,500.00
5	12" PVC Waterline (SDR 17)	LF	26,578	\$43.50	\$1,156,143.00	\$39.00	\$1,036,542.00
6	8" PVC Waterline (SDR 17)	LF	270	\$40.00	\$10,800.00	\$35.00	\$9,450.00
7	6" PVC Waterline (SDR 17)	LF	478	\$27.00	\$12,906.00	\$32.00	\$15,296.00
8	12" Gate Valve	EA	18	\$2,300.00	\$41,400.00	\$3,000.00	\$54,000.00
9	10" Gate Valve	EA	1	\$1,945.00	\$1,945.00	\$3,000.00	\$3,000.00
10	Air Release Valve Assembly	EA	14	\$970.00	\$13,580.00	\$1,500.00	\$21,000.00
11	20" Steel Encasement (Bored)	LF	585	\$290.00	\$169,650.00	\$375.00	\$219,375.00
12	20" Steel Encasement (Open Cut)	LF	55	\$125.00	\$6,875.00	\$165.00	\$9,075.00
13	12" Steel Encasement (Bored)	LF	140	\$160.00	\$22,400.00	\$250.00	\$35,000.00
14	12" R.J. D.I. - Directional Drill	LF	460	\$180.00	\$82,800.00	\$460.00	\$211,600.00
15	8" R.J. D.I. - Directional Drill	LF	40	\$170.00	\$6,800.00	\$400.00	\$16,000.00
16	Concrete Encasement (Minor Ditch Crossing)	LF	200	\$44.50	\$8,900.00	\$40.00	\$8,000.00
17	Flush Hydrant Assembly	EA	5	\$2,685.00	\$13,425.00	\$4,000.00	\$20,000.00
18	Fire Hydrant Assembly	EA	3	\$4,000.00	\$12,000.00	\$5,000.00	\$15,000.00
19	Cap Main	EA	1	\$830.00	\$830.00	\$1,500.00	\$1,500.00
20	8" x 8" Tapping Valve & Sleeve	EA	1	\$4,795.00	\$4,795.00	\$5,000.00	\$5,000.00
21	6" x 6" Tapping Valve & Sleeve	EA	4	\$3,400.00	\$13,600.00	\$4,500.00	\$18,000.00
22	Water Booster Pump Station	LS	1	\$214,350.00	\$214,350.00	\$206,000.00	\$206,000.00
23	Control Valve & Vault	LS	1	\$19,700.00	\$19,700.00	\$15,000.00	\$15,000.00
24	Erosion Prevention & Sediment Control	LS	1	\$5,700.00	\$5,700.00	\$10,000.00	\$10,000.00
25	Traffic Control	LS	1	\$6,850.00	\$6,850.00	\$5,000.00	\$5,000.00
26	Demobilization	LS	1	\$3,500.00	\$3,500.00	\$7,500.00	\$7,500.00
27	12" R.J.D.I. Waterline	LF	800	\$60.00	\$48,000.00	\$140.00	\$112,000.00
Total Bid Amount					\$1,924,900.00		\$2,132,838.00

MATTHEW G. BEVIN
GOVERNOR



CHARLES G. SNAVELY
SECRETARY

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

AARON B. KEATLEY
COMMISSIONER

300 SOWER BOULEVARD
FRANKFORT, KENTUCKY 40601

May 22, 2017

Mr. Joe Bartley
Meade Co Water District
1003 Armory Place
Brandenburg, KY 40108

RE: Flaherty Water Transmission Main &
Booster Pump Station
Meade County, KY
Meade Co Water District
AI #: 34020, APE20170001
PWSID #: 0820369-17-001

Dear Mr. Bartley:

We have reviewed the plans and specifications for the above referenced project. The plans include the construction of approximately 25,120 feet of 12-inch PVC, 1,325 feet of 12-inch DI, 150 feet 8-inch PVC and 410 feet of 6-inch PVC water main and a duplex booster pump station at 1,100 gpm with 90 feet TDH. This is to advise that plans and specifications for the above referenced project are APPROVED with respect to sanitary features of design, as of this date with the requirements contained in the attached construction permit.

If you have any questions concerning this project, please contact Mr. Mohammed Mohiuddin at 502-782-7020.

Sincerely,

A handwritten signature in black ink, appearing to read "T. Humphries".

Terry Humphries, P.E.
Supervisor, Engineering Section
Water Infrastructure Branch
Division of Water

TH: MM
Enclosures

C: HDR Engineering Inc.
Meade County Health Department
Division of Plumbing





Matthew G. Bevin
Governor

COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET
Department of Highways, District 4 Office
634 East Dixie Highway
Elizabethtown, Kentucky 42701
(270) 766-5066
www.transportation.ky.gov/

Greg Thomas
Secretary

April 26, 2017

Meade County Water District
Joe Bartley
1003 Armory Place
Brandenburg, Kentucky 40108

Subject: Permit #: 04-2017-00093
Permit Type: Utilities - Water
Approval

Dear Applicant:

Attached is your permit approval and documentation for the subject permit.

Be advised that all work must be done in conformity with permit and application conditions. If you have any questions, please contact the Permits Section at this office.

Sincerely,

Kevin Blain
D4 Permits - Supervisor

Attachments



An Equal Opportunity Employer M/F/D



Kentucky Transportation Cabinet
 Department of Highways
 Division of Maintenance
 Permits Branch

TC 99-1 (B)
 03/2016
 Page 1 of 1

ENCROACHMENT PERMIT

KEPT No.: 04-2017-00093

Permittee: Meade County Water District

Permit Type / Subtype: Utilities / Water

Work Completion Date: 1/1/2018

INDEMNITIES		
Type	Amount Required	Tracking Number
Performance Bond	\$0.00	
Cash / Check	\$0.00	
Self-Insured	\$0.00	
Payment Bond	\$0.00	
Liability Insurance	\$0.00	

This permit has been: **APPROVED** **DENIED**

Kevin Blain	D4 Permits - Supervisor	4/25/2017
SIGNATURE	TITLE	DATE

The TC 99-1(B), including the application TC-99 1(A) and all related and accompanying documents and drawings make up the permit. It is not a permit unless both the TC 99-1(A) and TC 99-1(B) are both present.

LOCATION(S)			
Description	County - Route	Latitude	Longitude
	Meade - KY 313	37.824888	-86.014847



August 9, 2017

Mr. Joe Bartley, General Manager
Meade County Water District
1003 Armory Place
Brandenburg, Kentucky 40108

Re: **Bid Evaluation**
Flaherty Water Transmission Main and Pump Station Project
Meade County Water District

Dear Mr. Bartley,

Please find attached herewith certified bid tabulations for the five (5) bids received on August 2, 2017 for the referenced project.

Phillips Brothers Construction (PBC) is the low bidder in the amount of \$1,429,586.00. PBC has completed waterline projects in the past for MCWD and also has experience with the installation packaged pump stations. I have spoken with Larry Rice and also received feedback from others at PBC regarding their bid and available resources. With their current backlog they have indicated they can complete this project within 6 months of Notice of Award. They plan to use Cory Redmon, who has 10 years experience with PBC as Project Manager and Superintendent.

HDR does not take exception with to Meade County Water District awarding this work to PBC in the amount of \$1,429,586.00.

If you have any questions or need additional information please give me a call at 502-909-3241.

Sincerely,

Kevin J. Brian, PE
Project Manager

Copy: Ms. Linda Lockett/RD
Mr. David Wilson

Bid Tabulation
Flaherty Water Transmission Main and Booster Pump Station
Bids Recieved: August 2, 2017

Contractor	Bid Amount
Phillips Brothers Construction	\$1,429,586.00
Twin States Utilities	\$1,496,917.00
Cumberland Pipeline, LLC	\$1,554,923.27
JODA International Inc.	\$1,924,900.00
Schroeder Construction Inc.	\$2,132,838.00

I hereby certify that this is a true and correct tabulation of the bids.



8/7/17

Kevin J. Brian, PE/Sr. Project Manager
HDR Engineering, Inc.

Bid Tabulation
 Flaherty Water Transmission Main and Booster Pump Station
 Bids Received: August 2, 2017

Item No.	DESCRIPTION	Unit	Approx.	Phillips Brothers Construction		Twin States Utilities		Cumberland Pipeline, LLC	
			Quantity	Bid Unit Price	Bid Amount	Bid Unit Price	Bid Amount	Bid Unit Price	Bid Amount
1	Mobilization	LS	1	\$225.00	\$225.00	\$10,000.00	\$10,000.00	\$2,000.00	\$2,000.00
2	Bonds and Insurance	LS	1	\$13,400.00	\$13,400.00	\$20,000.00	\$20,000.00	\$16,237.00	\$16,237.00
3	General Requirements	LS	1	\$14,812.00	\$14,812.00	\$10,000.00	\$10,000.00	\$140,000.00	\$140,000.00
4	Clearing and Grubbing	LS	1	\$250.00	\$250.00	\$5,000.00	\$5,000.00	\$1,250.00	\$1,250.00
5	12" PVC Waterline (SDR 17)	LF	26,578	\$23.82	\$633,087.96	\$26.50	\$704,317.00	\$28.42	\$755,346.76
6	8" PVC Waterline (SDR 17)	LF	270	\$26.40	\$7,128.00	\$22.00	\$5,940.00	\$24.34	\$6,571.80
7	6" PVC Waterline (SDR 17)	LF	478	\$19.00	\$9,082.00	\$20.00	\$9,560.00	\$22.44	\$10,726.32
8	12" Gate Valve	EA	18	\$2,180.00	\$39,240.00	\$3,200.00	\$57,600.00	\$2,041.00	\$36,738.00
9	10" Gate Valve	EA	1	\$1,855.00	\$1,855.00	\$2,900.00	\$2,900.00	\$1,687.00	\$1,687.00
10	Air Release Valve Assembly	EA	14	\$1,986.00	\$27,804.00	\$1,700.00	\$23,800.00	\$990.00	\$13,860.00
11	20" Steel Encasement (Bored)	LF	585	\$284.00	\$166,140.00	\$270.00	\$157,950.00	\$283.43	\$165,806.55
12	20" Steel Encasement (Open Cut)	LF	55	\$155.00	\$8,525.00	\$170.00	\$9,350.00	\$105.80	\$5,819.00
13	12" Steel Encasement (Bored)	LF	140	\$188.00	\$26,320.00	\$180.00	\$25,200.00	\$149.87	\$20,981.80
14	12" R.J. D.I. - Directional Drill	LF	460	\$275.40	\$126,684.00	\$190.00	\$87,400.00	\$156.84	\$72,146.40
15	8" R.J. D.I. - Directional Drill	LF	40	\$223.75	\$8,950.00	\$160.00	\$6,400.00	\$170.96	\$6,838.40
16	Concrete Encasement (Minor Ditch Crossing)	LF	200	\$26.00	\$5,200.00	\$35.00	\$7,000.00	\$19.00	\$3,800.00
17	Flush Hydrant Assembly	EA	5	\$3,088.00	\$15,440.00	\$3,300.00	\$16,500.00	\$2,735.91	\$13,679.55
18	Fire Hydrant Assembly	EA	3	\$3,874.00	\$11,622.00	\$4,400.00	\$13,200.00	\$3,848.18	\$11,544.54
19	Cap Main	EA	1	\$989.00	\$989.00	\$1,000.00	\$1,000.00	\$1,206.15	\$1,206.15
20	8" x 8" Tapping Valve & Sleeve	EA	1	\$3,857.00	\$3,857.00	\$4,400.00	\$4,400.00	\$2,590.00	\$2,590.00
21	6" x 6" Tapping Valve & Sleeve	EA	4	\$3,070.00	\$12,280.00	\$3,600.00	\$14,400.00	\$2,037.00	\$8,148.00
22	Water Booster Pump Station	LS	1	\$187,687.00	\$187,687.00	\$215,000.00	\$215,000.00	\$180,486.00	\$180,486.00
23	Control Valve & Vault	LS	1	\$29,898.00	\$29,898.00	\$25,000.00	\$25,000.00	\$19,492.00	\$19,492.00
24	Erosion Prevention & Sediment Control	LS	1	\$33,185.04	\$33,185.04	\$10,000.00	\$10,000.00	\$13,500.00	\$13,500.00
25	Traffic Control	LS	1	\$500.00	\$500.00	\$10,000.00	\$10,000.00	\$1,500.00	\$1,500.00
26	Demobilization	LS	1	\$225.00	\$225.00	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00
27	12" R.J.D.I. Waterline	LF	800	\$56.50	\$45,200.00	\$50.00	\$40,000.00	\$51.21	\$40,968.00
Total Bid Amount				\$1,429,586.00		\$1,496,917.00		\$1,554,923.27	

Bid Tabulation
 Flaherty Water Transmission Main and Booster Pump Station
 Bids Received: August 2, 2017

Item No.	DESCRIPTION	Unit	Approx.	JODA International Inc.		Schroeder Construction Inc.	
			Quantity	Bid Unit Price	Bid Amount	Bid Unit Price	Bid Amount
1	Mobilization	LS	1	\$4,400.00	\$4,400.00	\$10,000.00	\$10,000.00
2	Bonds and Insurance	LS	1	\$30,600.00	\$30,600.00	\$45,000.00	\$45,000.00
3	General Requirements	LS	1	\$7,500.00	\$7,500.00	\$22,000.00	\$22,000.00
4	Clearing and Grubbing	LS	1	\$5,451.00	\$5,451.00	\$2,500.00	\$2,500.00
5	12" PVC Waterline (SDR 17)	LF	26,578	\$43.50	\$1,156,143.00	\$39.00	\$1,036,542.00
6	8" PVC Waterline (SDR 17)	LF	270	\$40.00	\$10,800.00	\$35.00	\$9,450.00
7	6" PVC Waterline (SDR 17)	LF	478	\$27.00	\$12,906.00	\$32.00	\$15,296.00
8	12" Gate Valve	EA	18	\$2,300.00	\$41,400.00	\$3,000.00	\$54,000.00
9	10" Gate Valve	EA	1	\$1,945.00	\$1,945.00	\$3,000.00	\$3,000.00
10	Air Release Valve Assembly	EA	14	\$970.00	\$13,580.00	\$1,500.00	\$21,000.00
11	20" Steel Encasement (Bored)	LF	585	\$290.00	\$169,650.00	\$375.00	\$219,375.00
12	20" Steel Encasement (Open Cut)	LF	55	\$125.00	\$6,875.00	\$165.00	\$9,075.00
13	12" Steel Encasement (Bored)	LF	140	\$160.00	\$22,400.00	\$250.00	\$35,000.00
14	12" R.J. D.I. - Directional Drill	LF	460	\$180.00	\$82,800.00	\$460.00	\$211,600.00
15	8" R.J. D.I. - Directional Drill	LF	40	\$170.00	\$6,800.00	\$400.00	\$16,000.00
16	Concrete Encasement (Minor Ditch Crossing)	LF	200	\$44.50	\$8,900.00	\$40.00	\$8,000.00
17	Flush Hydrant Assembly	EA	5	\$2,685.00	\$13,425.00	\$4,000.00	\$20,000.00
18	Fire Hydrant Assembly	EA	3	\$4,000.00	\$12,000.00	\$5,000.00	\$15,000.00
19	Cap Main	EA	1	\$830.00	\$830.00	\$1,500.00	\$1,500.00
20	8" x 8" Tapping Valve & Sleeve	EA	1	\$4,795.00	\$4,795.00	\$5,000.00	\$5,000.00
21	6" x 6" Tapping Valve & Sleeve	EA	4	\$3,400.00	\$13,600.00	\$4,500.00	\$18,000.00
22	Water Booster Pump Station	LS	1	\$214,350.00	\$214,350.00	\$206,000.00	\$206,000.00
23	Control Valve & Vault	LS	1	\$19,700.00	\$19,700.00	\$15,000.00	\$15,000.00
24	Erosion Prevention & Sediment Control	LS	1	\$5,700.00	\$5,700.00	\$10,000.00	\$10,000.00
25	Traffic Control	LS	1	\$6,850.00	\$6,850.00	\$5,000.00	\$5,000.00
26	Demobilization	LS	1	\$3,500.00	\$3,500.00	\$7,500.00	\$7,500.00
27	12" R.J.D.I. Waterline	LF	800	\$60.00	\$48,000.00	\$140.00	\$112,000.00
Total Bid Amount				\$1,924,900.00		\$2,132,838.00	

Exhibit #4

Original CD-Rom with MCWD Flaherty Bid Plans and
Specs August 2017

Under Separate Cover

Bidding

Project Manual

for



07-12-17

Michael A. Hansen

Flaherty Water Transmission Main and Booster Pump Station

Meade County Water District

July 2017

Prepared by:

HDR Engineering, Inc.
401 West Main Street
Louisville, Kentucky 40202



Exhibit #5

Meade County Water District

1003 Armory Place
Brandenburg, KY 40108

Telephone: (270) 422-5006
E-mail at mcwatjb@bbtel.com

Fax: (270) 422-5068
Web site at www.meadecountywater.com

August 22, 2017

Kentucky Public Service Commission
211 Sower Boulevard
Frankfort, Kentucky 40601

RE: Certified Statement Pursuant to 807 KAR 5:069, Section 6

To Whom It May Concern,

I am the General Manager of the Meade County Water District (the "District") and I am familiar with the terms and conditions of the District's proposed expansion of its water system and its application to the Kentucky Public Service Commission herein.

This is to certify that the District's plans and specifications have been designed to meet 807 KAR 5:066, Sections 4(3) and (4), Section 5(1), Sections 6 and 7, Sections 8(1) through (3), Section 9(1), and Section 10.

Further, all stated approvals or permits have been obtained and the proposed rates, as approved by the Federal Government, shall be sufficient to produce the total revenue requirements recommended in the engineering reports and shall be sufficient to service the new debt for the bond payments to retire the Rural Development bonds for said financing.

Finally, the anticipated beginning of construction is September 25, 2017 and the anticipated end of construction is April 25, 2018.

Sincerely,



Joe Bartley
General Manager

Exhibit #6

FOR SALE

LUBER'S WOODGRAIL
Manufacturers of quality SOLID OAK AND CHERRY furniture, tables and chairs, china cabinets, corner cupboards, bedroom furniture, glider rockers, cedar chests, toy boxes, children's tables and chairs, rockers, high chairs, desks, tea carts, bookcases, lots of gift items, lawn furniture, evening gliders, picnic tables, ottomans, benches, flower planters, gazebos and more. Many styles and sizes of storage sheds.

HELP WANTED

HELP WANTED
Webb's Butcher Block & Artisan Sausage Manufacturing Company
Is now hiring applicants for 4 full time, part time and seasonal help. Experience preferred but not necessary. Starting pay is \$10.50 with a \$1 raise after 30 days, and \$100 more after 90 days. No full time status plus paid vacation and federal holidays. 7-10 positions in Office, marketing, production lines and packaging. Can provide application.

JOB FAIR

JOB FAIR
BEST BUY
Best Buy Distribution Center
600 Park Loop Road
Shepherdsville, KY 40165
Saturday, September 16th
From 9AM - 1PM
On site interviews for Seasonal General Warehouse Workers, Forklift drivers, Experience Preferred, Will Train
Hiring 1st 2nd & 3rd shifts
If unable to attend, apply at bestbuy-jobs.com
Must be able to pass a drug and background check
BEST BUY WANTS YOU!

Mouser Cabinetry Accounting Position

Mouser Cabinetry Accounting Position
Kentucky's leading manufacturer of quality custom wood cabinetry continues to expand and offer career opportunities. We have an immediate opening in our Accounting Department and are seeking qualified candidates.
This position will report to the Director of Finance. Responsibilities will include assisting in the preparation of monthly financial reports and budgets, managing AP, AR and payroll staff, and other accounting and analytical duties. The ideal candidate will have proficient knowledge of Excel, Word and Access, a 4-year accounting degree, and strong analytical skills. Three to five years' work experience in an Accounting position is required, preferable in a manufacturing environment. We offer a competitive compensation and benefits package that includes health, dental, vision, life and disability insurance, and a 401(k) plan.
Please send a resume with salary history to:
Mouser Cabinetry
Attn: Human Resources Department
2112 N. Dixie Avenue,
Elizabethtown, KY 42701
Recruiter@mousercc.com
Fax: (270) 766-1324

WE'RE HIRING!

WE'RE HIRING!
SALES REPRESENTATIVE
Are you a People Person?
Tired of sitting behind a desk or standing behind a cash register?
Do you enjoy meeting new people?
If you are friendly, outgoing and love to talk, we have the position for you!
Send us your resume. LETS TALK!
Meade County Messenger
P.O. Box 678 Brandenburg
mcm-sales@bbtel.com

UTILITY CONSTRUCTION COMPANY POSITIONS

UTILITY CONSTRUCTION COMPANY POSITIONS
Seeking applicants who are looking for steady work in a career developing company culture. Competitive pay based on experience, competitive benefits and company profit sharing to work in the Louisville and surrounding areas.
Looking for applicants for:
Laborer, Operator & Foreman for Gas
Director of Drill Operation
Laborer, Operator, Lineman & Foreman for Communications
Previous work experience a plus, but not required.
Application must be completed online at www.teamfisher.com
Office Hours 7am - 5pm M-F 4508 Bishop Lane, Louisville, KY 40278
Equal Employment Opportunity Company. Additional questions can be answered at 1-800-629-4510

HELP WANTED

Reporter Needed!
Weekly newspaper seeking an experienced REPORTER. Responsibilities include writing, editing and page layout. Must have experience covering local events and feature writing. Preference will be given to those familiar with InDesign. Salary negotiable based on experience.
Qualifications:
• Good Communication Skills
• Friendly positive attitude
• Honest/Dependable
• Self Motivated
• Team Player
Send resume and at least two writing samples to:
The Meade County Messenger
P.O. Box 678, Brandenburg, KY 40108
editor@bbtel.com

REAL ESTATE

HOUSE FOR SALE
4 BR
Unfin. room
1 BA
Large kitchen
Large living room
Heat and air
Financing available to qualified buyer
(270) 422-2638 or (270) 547-0000
HOUSE FOR SALE
4 BR
2 BA
Heat and air
Large kitchen
Large living room
Large lot
Financing available to qualified buyer
(270) 422-2638 or (270) 547-0000

Property for Sale Owner Financing Available

Property for Sale Owner Financing Available
• Albina Ct 1.449 Acre Lot With Pond Approved for House or Doublewide \$29,900 \$2000 Down \$309/month
• 240 Watson Rd., Payneville 1.2 Acres Beautiful Flat River Front with Blacktop Rd & County Water Only \$49,900 \$3,000 Down \$515/month
• Mobile Homes available For Rent in Towering Oaks Park (Flaherty) & Willow Wood Park (Radloff)
• 6109 Hwy 2779, Hardinsburg, Breckinridge County, Huge 4 Bedroom 2.5 Bath on 1 Acre with Large 24x42 Three Bay Garage with Concrete Floor & Electric. Only \$79,900 \$7,500 Down \$800/Month
For Pictures and More Information Visit www.pikeandlucker.com Or call 270-668-3162 or 270-617-4537

ACRES

ACRES
• 2 acres, near Big Springs, mostly open has county available only \$15,900, \$1,900 down
• 2 BR, 1 BA, single wide near Irvington, well water, private lot \$39,900, \$3,900 down
• 22 acres, Breck County, mostly wooded, very private, no neighbors, great hunting, great pet away \$49,900, \$2,900 down
• Approx 10 acres, Breck County, mostly open, has county water and electric available \$29,900, \$1,900 down
• 3BR, 2 BA singlewide, vinyl siding, newly remodeled near the Breck and Meade County line, \$49,500, \$4,500 down
• We have some lots on Sinking Creek available call for size and pricing.
KENTUCKY LAND CO., IRVINGTON
103 East Hwy 60 Irvington, KY 40146
270-547-4222 • 1-866-865-5263
www.ky-landco.com
OPEN 7 DAYS A WEEK

STUMP REMOVAL

STUMP REMOVAL
Overgrown Fields
Small Trees? Mulched Down
Stump grinding
Jon Pirtle
270-735-6331

Messenger
270-422-2155

ONLINE
check us out
www.meadecountymessenger.com

YARD SALE

Doe Valley's Community Annual Yard Sale
Saturday, September 16
8 a.m. - 2 p.m.
S&M Club parking lot
Gates will be open to the public!

NOTICE

NOTICE
Tractor for sale
Requesting bids for the sale of used, 1995 Kubota Mower with damage to #2 cylinder bore. Please submit bids by September 29, 2017, City of Ekron, P.O. Box 117, Ekron Ky 40117

NOTICE

NOTICE
The following motor vehicle's stored at 289 Navaho Trail, Housheer, KY 40108, will be sold at public auction on 09-19-2017 at 10 a.m. to recover towing and storage fees. Titles are not warranted subject to prior liens. All sales are final. Sellers reserves the right to bid. A DICK Motors, vin 3M118C2130R617303, 2012 Honda, vin H12RC4H22M011394, 2013 KIA, vin KNA1DM4A3XG203014

POSTED: NO HUNTING, FISHING OR TRESPASSING
Rena Singleton
3215 Battletown Rd.,
Brandenburg Ky 40108
VIOLATORS WILL BE PROSECUTED TO THE FULL EXTENT OF THE LAW.

Sign up for a new home delivery subscription and receive online access absolutely FREE!



Have the Meade County Messenger delivered directly to you weekly for only \$32 a year in Meade, Breckinridge and Hardin counties or \$38 a year for all others.
Stop by the Messenger office at 138 Broadway and sign up or fill out the form below and mail to:
Meade County Messenger
P.O. Box 678, Brandenburg, KY 40108
270-422-2155

Subscription by Mail form with fields for NAME, ADDRESS, PHONE, AMOUNT INCLUDED.

NOTICE OF PROPOSED RATE CHANGE

In accordance with the requirements of the Kentucky Public Service Commission (PSC) as set out in 807 KAR 5:009, Section 3, notice is hereby given to the customers of the Meade County Water District (District) of a change in water rates for users of the District's water system. The changes in water rates are required by the U.S. Department of Agriculture, acting through Rural Development (RD) in connection with a loan by RD to the District in the principal amount of \$2,000,000, to be evidenced by the issuance by the District of its wastewater revenue bonds in such amount, which RD has agreed to purchase provided the District meets certain conditions of RD, including revising the water rates as set forth below.

Table: Current Monthly Retail Water Rates. Columns: All Meter Sizes, Monthly Rate, Monthly Rate Minimum, Monthly Rate Maximum.

Table: Proposed Monthly Retail Water Rates. Columns: All Meter Sizes, New Monthly Rate, Dollar Change, Percent Change.

Table: Current Wholesale Water Rates. Columns: Doe Valley Water, Other Creek Water, Bulk Water Sales, Rate.

Table: Proposed Wholesale Water Rates. Columns: Doe Valley Water, Other Creek Water, Bulk Water Sales, New Water Rate, Dollar Change, Percent Change.

The proposed monthly water rates shall be effective for water sold after the date of the final approving Order of the PSC, which Order is expected to be issued no later than 30 days of the filing of this application. The annual average usage for all residential and commercial customers in the calendar year 2016 was 3.715 gallons per month thus generating an average bill for residential customers of \$32.72. The proposed monthly rates will increase the average monthly billing to \$32.67 for an impact of \$2.65 or 8.1%. The Application for approval of the rate change has been filed with the PSC and may be examined during normal business hours at the following locations: (i) Meade County Water District Office, 1003 Armyway place, Brandenburg, KY 40108; (ii) PSC, 211 Bower Boulevard, Frankfort, Kentucky, Monday through Friday, 8:00 a.m. to 4:30 p.m., E.T.; and (iii) via the PSC website at http://psc.ky.gov. Any comments regarding the Application may be submitted to the PSC by its website or by mail to PSC, P.O. Box 615, Frankfort, Kentucky 40602.
The proposed rates are intended under the terms of an agreement between the District and RD and KRS 278.023 does not grant the PSC any discretionary authority to modify or reject any portion of the agreement between the District and RD, or to defer the issuance of all necessary orders to implement the terms of the agreement. The RD loan proceeds will be used to finance the construction costs for approximately 2500 least feet of 12 inch water main along KY 313, and a 1,000 gallon per minute (GPM) booster pump station and master meter vault located at the intersection of KY 313 and KY 1852 near Fishery, KY. All improvements are included in a single construction contract.

NOTICE

2016 AUDIT MEADE COUNTY CLERK
In accordance with KRS 91A.040, a copy of the complete audit report, including financial statements and supplemental information is on file at the Meade County Clerk's office and available for public inspection during normal business hours. Any citizen may obtain from the Clerk's office a copy of the complete audit report, including financial statements and supplemental information, for their personal use. Any citizen requesting a copy of the audit report will be charged for duplication costs at a rate that shall not exceed twenty-five cents (\$25) per page. The financial statement that is prepared in accordance with KRS 64.225 is also available to the public at no cost at the Meade County Clerk's office at 518 Hillcrest Dr., Brandenburg KY 40108.

CITY OF BRANDENBURG ADVETISEMENT FOR BID

ADVETISEMENT FOR BID
PATCHING/PAVING CITY STREET(S)
The City of Brandenburg is accepting sealed bids for the patching/paving of the streets/parking lot in Riverfront Park.
Specifications may be obtained at Brandenburg City Hall, 237 High Street, Brandenburg, Kentucky, Monday through Friday 8:00 a.m. to 4:30 p.m.
There will be a mandatory pre-bid meeting on September 18, 2017 at 9:00am at the Gasbco located in Brandenburg Riverfront Park.
Bids are due by 3:00 p.m. September 25, 2017.
Bids will be priced per ton for bituminous material, priced per gallon for prime and tack oil and a total project cost.
All materials and workmanship shall meet the standards and specifications of the Kentucky Department of Transportation.
The City reserves the right to reject any and/or all bids.

ATTENTION FUEL VENDORS

ATTENTION FUEL VENDORS: The Central Kentucky Community Action Council, Inc. Subsidy Component of the Low Income Home Energy Assistance Program (LIHEAP) will begin on Monday, November 6, 2017 and will end on December 15, 2017. Only if funds are appropriated. Crisis Component would begin January 8, 2018 until funds are expended.
Vendors of wood, coal, propane, kerosene or fuel oil interested in participating in the components of the program must contact the Community Services Block Grant Central Office located at 332 Hoop Avenue, Lebanon, KY. Phone: 270-882-2136 or the local office at 496 E. Broadway, Brandenburg, KY 40108 270-422-2545.
By Friday, October 6, 2017 where an application can be obtained and completed in order for the vendor to be placed on the approved vendor's list.
To participate in the Subsidy, Crisis and Emergency programs, the vendor's name must be on the Approved Vendor's List and understand the clients will select the vendor from the list. (This project is funded in part under a contract with the Cabinet for Families and Children with funds from the Community Services Block Grant Act of the United States Department of Health and Human Services. EQUAL OPPORTUNITY EMPLOYER.

Notice For Claims

Notice For Claims
Estate of Shacklette, Rebecca Wootfolk, 855 Lawrence St., Brandenburg, KY 40108, Elizabeth Shacklette Lindsey, Executrix, 495 Midway Rd., Brandenburg, KY 40108, Attny Alec Stone.
Estate of Graham, Irene, 524 Naples Rd., Jackson, MS 39206, Gerry Graham, Executrix, 5008 CR Wood Rd., Gastonia, NC 28056, Attny Michael Pike.
Estate of Smith Joyce, 341 Bruner Rd., Brandenburg, Ky 40108, Deanna Smith, Administratrix, P.O. Box 496, West Point, KY 40177, Attny Steve Cressess.
Estate of Maggard, Mark J., 166 Lawrence St, Apt 103, Brandenburg, KY 40108, Kendra Brophy, Administratrix, 211 S. Tulp St., Ft. Knox, KY 40121, Attny Rachele Dowell, esq.
Estate of Fuqua, James A., 2385 Payneville Rd., Brandenburg, KY 40108, Shirley Fuqua, Executrix, 2385 Payneville Rd., Brandenburg, KY 40108.
Estate of Ammons, Carol Sue, 272 Pains Ln., Brandenburg, Ky 40108, Tracy Smallwood, Executrix, 1421 Ova Wright Rd., Constantine, Ky 40140, Robert Ammons, Executor, 175 Springdale Rd., Guston, Ky 40142, Attny Caleb T. Bland.
Estate of Roberts Sr., Matthew Joseph, 761 Weidon Rd., Brandenburg, Ky 40108, Teresa G. Roberts, Administratrix, 761 Weidon Rd., Brandenburg, Ky 40108, Attny Alec Stone.
All persons having claims against above estates are hereby notified to present the same properly verified according to the law above names administrator-executor no later than six (6) months from the above named date of publication.