

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ELECTRONIC INVESTIGATION INTO)
EXCESSIVE WATER LOSS BY KENTUCKY'S) CASE NO. 2019-00041
JURISDICTIONAL WATER UTILITIES)

**RESPONSE OF HYDEN-LESLIE COUNTY WATER DISTRICT
TO COMMISSION STAFF'S REQUEST FOR INFORMATION DATED MAY 3, 2019**

Hyden-Leslie County Water District submits its Response to Commission Staff's Request for Information dated May 3, 2019.

Dated: May 31, 2019

Respectfully submitted,




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Counsel for Hyden-Leslie County Water District

CERTIFICATE OF SERVICE

In accordance with 807 KAR 5:001, Section 8, I certify that Hyden-Leslie County Water District's electronic filing of this Response is a true and accurate copy of the same document being filed in paper medium; that the electronic filing was transmitted to the Public Service Commission on May 31, 2019; that there are currently no parties that the Public Service Commission has excused from participation by electronic means in this proceeding; and that on or before June 4, 2019 this Response in paper medium will be delivered to the Public Service Commission.



Gerald E. Wretcher

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RESPONSE OF
HYDEN-LESLIE COUNTY WATER DISTRICT
TO
COMMISSION STAFF'S REQUEST FOR INFORMATION DATED MAY 3, 2019

FILED: May 31, 2019

VERIFICATION

COMMONWEALTH OF KENTUCKY)
) SS:
COUNTY OF LESLIE)

The undersigned, L.J. Turner, being duly sworn, deposes and states that he is the Manager of Hyden-Leslie Water District and that he has personal knowledge of the matters set forth in the responses for which he is identified as the witness, and the answers contained therein are true and correct to the best of his information, knowledge and belief.



L.J. Turner

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 31 day of May 2019.



Notary Public (SEAL)

My Commission Expires: April 4, 2022

Notary ID: 598835

HYDEN-LESLIE COUNTY WATER DISTRICT

**Response to Commission Staff's Request for Information Dated May 3, 2019
Case No. 2019-00041**

Question No. 1

Responding Witness: L.J. Turner

- Q-1. State the effective date of the water utility's last rate increase, either through the alternative rate filing procedure, through a general adjustment of rates, or through a purchased water adjustment, and provide the Board Resolution approving the rate increase.**
- A-1. Hyden-Leslie County Water District's last general rate adjustment was effective October 29, 2010. The adjustment was made pursuant to KRS 278.023. See *Application of Hyden-Leslie County Water District For A Certificate of Public Convenience and Necessity to Construct, Finance and Increase Rates Pursuant to KRS 278.023*, Case No. 2010-00384 (Ky. PSC filed Sep. 29, 2010). A copy of the Order authorizing the rate adjustment is available at https://psc.ky.gov/PSCSCF/2010%20cases/2010-00384/20101029_PSC_ORDER.pdf. A copy of the resolution (unsigned) authorizing the rate adjustment and other approvals is attached to this Response.

Hyden-Leslie County Water District

325 Wendover Road
Hyden, Kentucky 41749
606-672-2791

Dr. Frederick Ratliff
Chairman
Augustus Roberts
Commissioner
William Todd Horton
Commissioner

Dwight Lewis
Sec/Trea.
Herman Randall Williams
Commissioner
Leihman Howard Jr.
Manager

The regular scheduled meeting of the Hyden-Leslie County Water District Board of Commissioners was held on October 28, 2010, at 5:30pm, at the business office of the Hyden-Leslie County Water District located at 325 Wendover Road, Hyden, Kentucky.

1. Roll Call:

Present:

Fred Ratliff, Chairman
Dwight Lewis, Sec/Trea
Todd Horton, Commissioner

Absent:

Augustus Roberts, Commissioner
Randy Williams, Commissioner

Others Present:

Leihman Howard Jr., Manager
Mike Maggard, SME

2. Minutes

Minutes of the regular schedule Board Meeting held on September 30, 2010 were reviewed. Commissioner Todd Horton made motion to approve minutes as presented. Commissioner Dwight Lewis seconded motion. Motion Carried.

3. Water Treatment Plant Project

The following documents were reviewed: Bond Resolution. Loan Resolution, Amended Rate Resolution, Interim Financing Resolution, and Flood Plain Resolution. After reviewing, Commissioner Todd Horton made motion to adopted and approve the above resolutions. Commissioner Dwight Lewis seconded motion. Roll vote was unanimous. Motion Carried.

4. Water Line Extension Phase I

Mike Maggard again reported that the Lee Coal Tank site had been leveled, and Knight Electric would be here next week and begin putting Rockhouse tank in service and to start the construction of the Lee Coal Tank.

Mike Maggard then presented the Board of Commissioners with Pay Estimate No. 18 for B.P. Pipe Line in the amount of \$66,624.40, Pay Estimate No. 6 for Knight Electric in the amount of \$20,900.00, and a Invoice from Sisler-Maggard Engineering dated October 28, 2010 in the amount of \$10,161.13. Also invoice were present for C.I. Thornburg for Control Devices that will allow the Lee Coal/Camp Creek line

to be placed in service without the Lee Coal Storage Tank being complete, in the amount of \$10,930.00. After reviewing, Commissioner Dwight Lewis made motion to approve the payments as presented. Commissioner Todd Horton seconded motion. Motion Carried.

5. Adjournment

With no further business, Commissioner Todd Horton made motion to adjourn. Commissioner Dwight Lewis seconded motion. Motion Carried.

AMENDED RATE RESOLUTION

**RESOLUTION OF THE HYDEN-LESLIE COUNTY WATER DISTRICT,
AMENDING THE EXISTING WATER RATE RESOLUTION OF HYDEN-
LESLIE COUNTY WATER DISTRICT.**

WHEREAS, the Board of Commissioners (the "Commission") of the Hyden-Leslie County Water District (the "District"), is in the process of arranging to finance the construction of certain extensions, additions and improvements to the existing waterworks system (the "System") of the District, and

WHEREAS, it is necessary in connection with said plan of financing that the existing monthly water rates be increased and that the existing water connection charges be reaffirmed, and

WHEREAS, such increased schedule of rates was approved by Order of the Public Service Commission,

NOW, THEREFORE, THE BOARD OF COMMISSIONERS OF THE HYDEN-LESLIE COUNTY WATER DISTRICT, DOES RESOLVE AS FOLLOWS:

Section 1. Amendment of Existing Rate Resolution. That the previous Water Rate Resolution of the District, fixing the water rates applicable to water service furnished by the System of the District, is hereby amended so as to increase the water rates for services rendered by said System of the District as set forth herein.

Section 2. New Monthly Water Rates. That the rates and charges for water service furnished by the District are hereby fixed and established on a monthly basis as follows:

Commercial water rates will be at least:

First	2,000 gallons @ \$30.36 - Minimum Bill.
Next	3,000 gallons @ \$ 8.43 - per 1,000 gallons.
Next	5,000 gallons @ \$ 6.68 - per 1,000 gallons.
Next	15,000 gallons @ \$ 5.45 - per 1,000 gallons.
Next	25,000 gallons @ \$ 4.74 - per 1,000 gallons.
Next	50,000 gallons @ \$ 4.04 - per 1,000 gallons.
Next	100,000 gallons @ \$ 3.33 - per 1,000 gallons.
All Over	200,000 gallons @ \$ 2.64 - per 1,000 gallons.

Residential water rates will be at least:

First 2,000 gallons @ \$20.24 - Minimum Bill.
Next 3,000 gallons @ \$ 5.62 - per 1,000 gallons.
Next 5,000 gallons @ \$ 4.45 - per 1,000 gallons.
Next 15,000 gallons @ \$ 3.63 - per 1,000 gallons.
Next 25,000 gallons @ \$ 3.16 - per 1,000 gallons.
Next 50,000 gallons @ \$ 2.69 - per 1,000 gallons.
Next 100,000 gallons @ \$ 2.22 - per 1,000 gallons.
All Over 200,000 gallons @ \$ 1.76 - per 1,000 gallons.

Section 3. Severability. That if any clause, provision, paragraph or section of this Resolution be ruled void or unenforceable by any court of competent jurisdiction, the remainder thereof is intended to be adopted and shall be in full force and effect notwithstanding.

Section 4. All Former Provisions in Conflict Repealed; Effective Date of Resolution. That all orders, resolutions, motions or parts thereof, insofar as same may be in conflict herewith, are repealed, and this Resolution shall take effect from and after its passage, approval and publication as provided by law.

Adopted and approved on this October 28, 2010.

HYDEN-LESLIE COUNTY WATER
DISTRICT

Chairman

Attest:

Secretary

CERTIFICATE OF SECRETARY

I, the undersigned, hereby certify that I am the duly qualified and acting Secretary of the Hyden-Leslie County Water District, that the foregoing Resolution is a true copy of an Amended Rate Resolution duly adopted by the Commission of said District at a meeting held on October 28, 2010, that said Resolution has been ordered to be published as required by law, and that said Resolution appears as a matter of public record in the official records of said District.

I further certify that said meeting was duly held in accordance with all applicable requirements of Kentucky law, including KRS 61.810, 61.815, 61.820 and 61.825, that a quorum was present at said meeting, that said Resolution has not been modified, amended, revoked or repealed, and that same is now in full force and effect.

IN WITNESS WHEREOF, I have hereto set my hand as Secretary of the District and the official Seal of the District on this October 28, 2010.

Secretary

(Seal of District)

HYDEN-LESLIE COUNTY WATER DISTRICT

**Response to Commission Staff's Request for Information Dated May 3, 2019
Case No. 2019-00041**

Question No. 2

Responding Witness: L.J. Turner

- Q-2. State whether the water utility's board of commissioners or directors has discussed applying for a rate increase since January 1, 2018, utilizing either the alternative rate filing procedure or through a general adjustment of rates. If the utility can state this affirmatively, provide the board minutes where this was discussed.**
- A-2. Since January 1, 2018, Hyden-Leslie County Water District's Board of Commissioners have not discussed applying for a rate adjustment pursuant to 807 KAR 5:001 or 807 KAR 5:076. It has discussed a rate adjustment pursuant to KRS 278.023. Rural Development has approved an application for financing for a water construction project and has issued a letter of conditions to Hyden-Leslie County Water District regarding the proposed financing. A copy of this letter of conditions is attached to the Response. At this time, Hyden-Leslie County Water District believes that, if the conditions set forth in the letter of conditions can be met, a rate adjustment pursuant to KRS 278.023 would be the most expeditious means of adjusting its rates.



United States Department of Agriculture

December 4, 2018

Augustus Roberts, Chairman
Hyden-Leslie County Water District
P.O. Box 906
Hyden, Kentucky 41749

SUBJECT: Recipient Name: Hyden-Leslie County Water District
Project Name: Water System Improvements

Dear Mr. Roberts:

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

This letter is not to be considered as loan or grant approval or as a representation as to the availability of funds. The docket may be completed on the basis of a RUS loan not to exceed \$1,727,000; a RUS grant not to exceed \$1,152,800; a Department of Housing and Urban Development (HUD) Community Development Block Grant (CDBG) of \$900,000; and Abandoned Mine Land (AML) grant of \$323,000; a Appalachian Regional Commission (ARC) grant of \$500,000; a Coal Severance Grant of \$2,500; and a Coal Severance Grant 37-C-2017 of \$15,700. No applicant contribution will be required.

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:

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

DEC 07 2018

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.

1. Number of Users and Their Contribution:

There shall be 3,762 water users, of which 3,696 are existing users and 66 are new. The Area Director will review and authenticate the number of users prior to advertising for construction bids.

2. Grant Agreement:

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

3. Drug-Free Work Place:

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

4. Repayment Period:

The loan will be scheduled for repayment over a period not to exceed 40 years from the date of the Bond. Principal payment will not be deferred for a period in excess of 2 years from the date of the Bond. Payments will be in accordance with applicable KRS, which requires interest to be paid semi-annually (January 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.

5. Recommended Repayment Method:

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

6. Reserve Accounts:

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

The District will be required to deposit \$580 per month into a "Funded Debt Reserve Account" until the account reaches \$69,600. The deposits are to be resumed any time the account falls below the \$69,600.

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 \$10,028 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.

7. 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 1780-12, "Water and Waste System Grant Agreement," and RUS Bulletin 1780-27, "Loan Resolution Public Body." A draft of all security instruments, including, draft bond resolution, must be reviewed and concurred in by the Agency prior to advertising for bids. The Bond Resolution and 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.

8. Land Rights and Real Property:

The District will be required to furnish satisfactory title, easements, etc., necessary to install, maintain and operate the facility to serve the intended users.

The pipelines will be on private rights-of-way where feasible. Easements and options are to be secured prior to advertising for construction bids.

9. Organization:

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

10. Business Operations:

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

11. 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.

12. 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.

13. 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.

14. 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 \$217,000.
- 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.

15. 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 "28" 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.

16. 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 de-obligated 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 de-obligated, with grant funds being de-obligated first. Excess funds do not include contingency funds as described in this letter.

17. 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.

18. 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).

19. 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.

20. 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.

Hyden-Leslie County Water District

21. 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.

22. Treatment Plant and System Operator:

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

23. 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."

24. 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.

25. 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.

26. 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.

Hyden-Leslie County Water District

27. 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.

28. Project Budget:

Estimated expenditures are as follows:

Project Costs:

Development	\$3,648,000
Land and Rights	15,000
Legal and Administrative	30,000
Engineering Fees	483,000
Interest	30,000
Admin (CDBG)	50,000
Contingencies	<u>365,000</u>
TOTAL PROJECT COST	\$4,621,000

Project Funding:

RUS Loan	\$1,727,000
RUS Grant	1,152,800
ARC Grant	500,000
HUD-CDBG Grant	900,000
AML Grant	323,000
Coal Severance Grant	2,500
Coal Severance Grant 37 C-2017	<u>15,700</u>
TOTAL FUNDING	\$4,621,000

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 de-obligated 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.

29. Commitment of Other Project Funds:

This Letter of Conditions is issued contingent upon a firm commitment being in effect prior to advertising for construction bids for the HUD-CDBG grant in the amount of \$900,000, for the ARC grant in the amount of \$500,000, for the AML grant in the amount of \$323,000, for the Coal Severance grant in the amount of \$2,500, and the Coal Severance grant 37 C-2017 in the amount of \$15,700.

30. 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.

31. 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/ARC/AML/CDBG/Coal Severance & Coal Severance 37 C-2017 grant funds and refunded in proportion to participation in the project. If the amount of unused project funds exceeds the grants, that part would be RUS loan funds.

32. 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.

33. 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.

Residential water rates will be at least:

First	2,000	gallons @ \$26.30 - Minimum Bill.
Next	3,000	gallons @ \$ 7.30 – per 1,000 gallons.
Next	5,000	gallons @ \$ 5.79 – per 1,000 gallons.
Next	15,000	gallons @ \$ 4.72 – per 1,000 gallons.
All Over	25,000	gallons @ \$ 4.11 – per 1,000 gallons.

Commercial water rates will be at least:

First	2,000	gallons @ \$39.45 - Minimum Bill.
Next	3,000	gallons @ \$11.19 – per 1,000 gallons.
Next	5,000	gallons @ \$ 9.41 – per 1,000 gallons.
Next	15,000	gallons @ \$ 7.91 – per 1,000 gallons.
All Over	25,000	gallons @ \$ 5.45 – per 1,000 gallons.

34. 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.

35. 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.

36. 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.

37. 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.

38. 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.

39. Mitigation Measures:

- A. The project shall be in compliance with all requirements noted in the Governor's Office for Local Development letter dated June 27, 2018, 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 October 29, 2018, 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.

40. System for Award Management:

You will be required to maintain a Dun 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>).

41. 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.

42. 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.

43. American Iron & Steel:

Section 746 of Title VII of the Consolidated Appropriations Act of 2017 (Division A - Agriculture, Rural Development, Food and Drug Administration, and Related Agencies Appropriations Act, 2017) applies a new American Iron and Steel requirement:

- (1) No Federal funds made available for this fiscal year for the rural water, waste water, waste disposal, and solid waste management programs authorized by the Consolidated Farm and Rural Development Act (7 U.S.C. 1926 et seq.) shall be used for a project for the construction, alteration, maintenance, or repair of a public water or wastewater system unless all of the iron and steel products used in the project are produced in the United States.
- (2) The term "iron and steel products" means the following products made primarily of iron or steel: lined or unlined pipes and fittings, manhole covers and other municipal castings, hydrants, tanks, flanges, pipe clamps and restraints, valves, structural steel, reinforced precast concrete, and construction materials.
- (3) The requirement shall not apply in any case or category of cases in which the Secretary of Agriculture (in this section referred to as the "Secretary") or the designee of the Secretary finds that— a. applying the requirement would be inconsistent with the public interest; b. iron and steel products are not produced in the United States in sufficient and reasonably available quantities or of a satisfactory quality; or c. inclusion of iron and steel products produced in the United States will increase the cost of the overall project by more than 25 percent.

Hyden-Leslie County Water District

44. 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,



HILDA GAY LEGG
State Director

Enclosures

cc: Area Director – London, Kentucky
Kentucky River ADD – Hazard, Kentucky
Leroy Lewis – Hyden, Kentucky
Randy Jones – Louisville, Kentucky
Mike Maggard – Lexington, Kentucky
PSC – ATTN: Talina Mathews – Frankfort, Kentucky

HYDEN-LESLIE COUNTY WATER DISTRICT

**Response to Commission Staff's Request for Information Dated May 3, 2019
Case No. 2019-00041**

Question No. 3

Responding Witness: L.J. Turner

Q-3. Provide a list of the top three obstacles the water utility believes are preventing or slowing the progress of the water utility in reducing line loss.

A-3. Hyden-Leslie County Water District believes the three greatest obstacles to reducing its water loss are: (1) the frequency of water main breaks; (2) the lack of established district metered areas and zone meters; and (3) the lack of personnel to establish a dedicated leak detection team.

HYDEN-LESLIE COUNTY WATER DISTRICT

**Response to Commission Staff's Request for Information Dated May 3, 2019
Case No. 2019-00041**

Question No. 4

Responding Witness: L.J. Turner

Q-4. Provide the water utility's most recent monthly water loss report.

A-4. Hyden-Leslie County Water District's water loss report for April 2019 is attached to this Response.

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility:

For the Month of: Year:

LINE #	ITEM	GALLONS (Omit 000's)	
1	WATER PRODUCED, PURCHASED & DISTRIBUTED		
2	Water Produced	25,440	
3	Water Purchased		
4	TOTAL PRODUCED AND PURCHASED	25,440	
5			
6	WATER SALES		
7	Residential	12,014	
8	Commercial	2,942	
9	Industrial		
10	Bulk Loading Stations		
11	Wholesale		
12	Other Sales		
13	TOTAL WATER SALES	14,956 58.8%	
14			
15	OTHER WATER USED		
16	Utility and/or Water Treatment Plant	5,535	
17	Wastewater Plant		
18	System Flushing	52	
19	Fire Department		
20	Other		
21	TOTAL OTHER WATER USED	5,587 22.0%	
22			
23	WATER LOSS		
24	Tank Overflows		
25	Line Breaks	3,204	
26	Line Leaks	1,693	
27	Other		
28	TOTAL LINE LOSS	4,897 19.2%	
29			
30	Note: Line 13 + Line 21 + Line 28 Must Equal Line 4		
31			
32	WATER LOSS PERCENTAGE		
33	Unaccounted-For Water (Line 28 divided by Line 4)	19.2%	

HYDEN-LESLIE COUNTY WATER DISTRICT

**Response to Commission Staff's Request for Information Dated May 3, 2019
Case No. 2019-00041**

Question No. 5

Responding Witness: L.J. Turner

Q-5. Provide the name and occupation, if any, of each of the water utility's current commissioners including the highest level of education attained by each.

A-5. See the table below.

Commissioner	Occupation	Level of Education
Augustus Roberts	Retired	College (1 semester)
Timothy Helton	Entrepreneur	Bachelor Degree
William Todd Horton	Assistant Principal	Post-Graduate
William Bill Wooton	Retired Teacher	Bachelor Degree
Ronnie Gay	Retired	College (2 years)

HYDEN-LESLIE COUNTY WATER DISTRICT

**Response to Commission Staff's Request for Information Dated May 3, 2019
Case No. 2019-00041**

Question No. 6

Responding Witness: L.J. Turner

Q-6. Provide the following training information:

- a. State whether the water utility allocates funds in its annual operating budget to provide training to its water personnel.**
- b. If so, state the amount allocated in the last three calendar years.**
- c. Identify any training programs, free of charge or otherwise, that water personnel have taken and individuals, agencies, or suppliers providing the training program.**

- A-6.
- a. Hyden-Leslie County Water District allocates funds in its annual operation budget for water personnel training.
 - b. See table below.

Year	Amount Allocated
2017	\$4,500
2018	\$4,500
2019	\$4,900

- c. Hyden-Leslie County Water District's employees have attended programs sponsored by Kentucky Rural Community Assistance Program, Kentucky Rural Water Association, and Kentucky Division of Water.

HYDEN-LESLIE COUNTY WATER DISTRICT

**Response to Commission Staff's Request for Information Dated May 3, 2019
Case No. 2019-00041**

Question No. 7

Responding Witness: L.J. Turner

Q-7. Provide the following system information in a formatted and tabulated Excel spreadsheet for each applicable asset:

- a. For transmission and distribution lines, provide the diameter size, length in miles, type of material, and average age of the lines. When PVC is used, provide the specific type of PVC used.**
- b. For service connection lines, provide the service connection size, number, type of material, and average age of the lines. When PVC is used, provide the specific type of PVC used.**
- c. For customer meters, provide the customer meter size, number, manufacturer/model, and the average age of the customer meters.**

A-7. a. See Table 7A. An Excel Spreadsheet containing Table 7A is embedded in the electronic version of this Response. The Water Resource Information System (WRIS) is the source of the information set forth in Table 7A. Hyden-Leslie County Water District cannot attest to the accuracy of this information, but believes it is a reasonable representation of its water mains. The requested information regarding the type of PVC pipe is not available.

b. The requested information is not available.

c. See Table 7C. An Excel Spreadsheet containing Table 7C is embedded in the electronic version of this Response. Hyden-Leslie County Water District is unable to provide the average age of its meters at this time, but will supplement its Response when information regarding the age of its metering equipment becomes available. See response to Question 16. Hyden-Leslie County Water District cannot attest to the accuracy of the information provided. It is currently reviewing its meter records in an effort to verify its meter inventory and improve the accuracy of its meter inventory records. As these efforts proceed, it will supplement its Response.

TABLE 7A

Size (Inches)	Material	Length (LF)	Length (Miles)	Average Age
Up to 2	AC	194	0.04	59.0
Up to 2	PVC	36,283	6.87	35.3
3	AC	3,775	0.71	59.0
3	PVC	472,280	89.45	23.8
4	PVC	816,757	154.69	23.7
4	AC	12,241	2.32	59.0
6	AC	3,232	0.61	59.0
6	PVC	273,927	51.88	25.4
8	AC	11,172	2.12	59.0
10	PVC	2,460	0.47	9.0
12	PVC	5,238	0.99	9.0

TABLE 7C

Residential and Commercial Meters				
Meter Size	Meter Type	Meter Count	Application	Average Age
3/4-Inch	Badger Model 25	2800	Residential/Commercial	Unknown
3/4-Inch	Hersey Model 420	349	Residential/Commercial	Unknown
3/4-Inch	Sensus Model PMM	1004	Residential/Commercial	Unknown
1-Inch	Badger Model 70	5	Commercial	Unknown
2-Inch	Rockwell Model 160	2	Commercial	Unknown
2-Inch	Badger Model 120	15	Commercial	>12

HYDEN-LESLIE COUNTY WATER DISTRICT

**Response to Commission Staff's Request for Information Dated May 3, 2019
Case No. 2019-00041**

Question No. 8

Responding Witness: L.J. Turner

- Q-8. Provide the water utility's closest approximate number of service lines and transmission and distribution lines that were made with Blu-Max tubing within its distribution system and the dates they were installed.**
- A-8. Hyden-Leslie County Water District is unable to confirm that Blu-Max piping may have been used in its water system. It suspects that some of its water lines that were built between 1980 and 1990 may be Blu-Max lines, but it lacks the records to confirm these suspicions. As it replaces service connections and water mains, it carefully reviews the composition of the replaced connection or main to determine whether the replaced line is a Blu-Max line.

HYDEN-LESLIE COUNTY WATER DISTRICT

**Response to Commission Staff's Request for Information Dated May 3, 2019
Case No. 2019-00041**

Question No. 9

Responding Witness: L.J. Turner

- Q-9. State whether the water utility has considered hiring a consulting firm for leak detection rather than using in-house labor, and if not explain why not.**
- A-9. No. Hyden-Leslie County Water District initiated a leak detection effort last year using its own employees. This effort reduced unaccounted-for water to 19 percent in April 2019. Given these results, Hyden-Leslie County Water District has concluded that continued use of its own employees for leak detection is more cost-effective than employing a consulting firm. It will consider the use of a consulting firm if its current efforts do not continue to produce a reduction in the rate of water loss and funding becomes available to enable the hiring of such firm.

HYDEN-LESLIE COUNTY WATER DISTRICT

**Response to Commission Staff's Request for Information Dated May 3, 2019
Case No. 2019-00041**

Question No. 10

Responding Witness: L.J. Turner

Q-10. State whether an employee dedicated to leak detection would be a worthwhile investment for the water utility, and if not state why not.

A-10. An employee dedicated to leak detection would be a worthwhile investment for Hyden-Leslie County Water District.

HYDEN-LESLIE COUNTY WATER DISTRICT

**Response to Commission Staff's Request for Information Dated May 3, 2019
Case No. 2019-00041**

Question No. 11

Responding Witness: L.J. Turner

Q-11. Refer to the water utility's response to Commission Order of March 12, 2019, Appendix C (March 12 Order), Item 8. Provide a copy of the most recent written and completed inspection report done at the water utility's plant, pump, and storage facilities. If no written and completed inspection report exists, then state in specific detail all tasks performed by the water utility during the water utility's most recent inspection of its plant, pump, and storage facilities.

A-11. The inspection reports are attached to this Response.

Pump Station Inspection Report

Date: 4-29-19 Time: 9:30

Pump Location/Name Hospital Hill

Type:
Centrifugal ()
Vertical Turbine ()
Submersible ()

Number of Pumps in Station: 2 Horse Power: 7.5 Rating: _____

- Has motor bearings been greased? Yes () No () *n/a*
- Any visible signs of wear and tear or other problems? Yes () No ()
- Are suction and discharge gauges working? Yes () No ()
- Is heater in pump station operating properly? Yes () No ()
- Is dehumidifier working properly? Yes () No ()
- Does pump or motor have any excessive noise? Yes () No ()
- Is there any repainting needed? Yes () No ()

If yes, what area:

Pump Station Current Status at Inspection

Pump running? Yes () No ()
Suction Pressure 90 Discharge Pressure 210
Any signs of Leakage Yes () No ()

Comments:

Inspection Made By: DK

Pump Station Inspection Report

Date: 4-29-19 Time: 12:00

Pump Location/Name Curt Creek

Type:
Centrifugal ()
Vertical Turbine ()
Submersible ()

Number of Pumps in Station: 2 Horse Power: 7.5 Rating: _____

- Has motor bearings been greased? Yes () No () NA
 - Any visible signs of wear and tear or other problems? Yes () No ()
 - Are suction and discharge gauges working? Yes () No ()
 - Is heater in pump station operating properly? Yes () No ()
 - Is dehumidifier working properly? Yes () No ()
 - Does pump or motor have any excessive noise? Yes () No ()
 - Is there any repainting needed? Yes () No ()
- If yes, what area:

Pump Station Current Status at Inspection

Pump running? Yes () No ()
Suction Pressure 104 Discharge Pressure 307
Any signs of Leakage Yes () No ()

Comments:

Inspection Made By: DZC

Pump Station Inspection Report

Date: 4-29-19 Time: 10:20

Pump Location/Name Flack

Type:
Centrifugal ()
Vertical Turbine ()
Submersible ()

Number of Pumps in Station: 2 Horse Power: 1 Rating: _____

Has motor bearings been greased? Yes () No () N/A

Any visible signs of wear and tear or other problems? Yes () No ()

Are suction and discharge gauges working? Yes () No ()

Is heater in pump station operating properly? Yes () No ()

Is dehumidifier working properly? Yes () No ()

Does pump or motor have any excessive noise? Yes () No ()

Is there any repainting needed? Yes () No ()

If yes, what area:

Pump Station Current Status at Inspection

Pump running? Yes () No ()

Suction Pressure 99 Discharge Pressure 105

Any signs of Leakage Yes () No ()

Comments:

Pump 1 motor is loud Floor
wet from leak on small bladder tank leak

Inspection Made By: DLC

Pump Station Inspection Report

Date: 4-29-19 Time: 9:58

Pump Location/Name Hurts Creek

Type:
Centrifugal ()
Vertical Turbine ()
Submersible ()

Number of Pumps in Station: 2 Horse Power: 40 Rating: _____

- Has motor bearings been greased? Yes () No ()
 - Any visible signs of wear and tear or other problems? Yes () No ()
 - Are suction and discharges gauges working? Yes () No ()
 - Is heater in pump station operating properly? Yes () No ()
 - Is dehumidifier working properly? Yes () No ()
 - Does pump or motor have any excessive noise? Yes () No ()
 - Is there any repainting needed? Yes () No ()
- If yes, what area:

Pump Station Current Status at Inspection

Pump running? Yes () No ()
Suction Pressure 42 Discharge Pressure 210
Any signs of Leakage Yes () No ()

Comments:

Inspection Made By: DLG

Pump Station Inspection Report

Date: 4-27-19 Time: _____

Pump Location/Name WOLF PUMP

Type:
Centrifugal ()
Vertical Turbine ()
Submersible ()

Number of Pumps in Station: 2 Horse Power: 15 Rating: _____

- Has motor bearings been greased? Yes () No ()
- Any visible signs of wear and tear or other problems? Yes () No ()
- Are suction and discharges gauges working? Yes () No ()
- Is heater in pump station operating properly? Yes () No ()
- Is dehumidifier working properly? Yes () No ()
- Does pump or motor have any excessive noise? Yes () No ()
- Is there any repainting needed? Yes () No ()

If yes, what area:

Pump Station Current Status at Inspection

Pump running? Yes () No ()
Suction Pressure 74 Discharge Pressure 200
Any signs of Leakage Yes () No ()

Comments:

Inspection Made By: Jan B...

Pump Station Inspection Report

Date: 4-22-15 Time: _____

Pump Location/Name Bowling Br.

Type:
Centrifugal ()
Vertical Turbine ()
Submersible ()

Number of Pumps in Station: 2 Horse Power: 1.5 Rating: 15

- Has motor bearings been greased? Yes () No ()
 - Any visible signs of wear and tear or other problems? Yes () No ()
 - Are suction and discharge gauges working? Yes () No ()
 - Is heater in pump station operating properly? Yes () No ()
 - Is dehumidifier working properly? Yes () No ()
 - Does pump or motor have any excessive noise? Yes () No ()
 - Is there any repainting needed? Yes () No ()
- If yes, what area:

Pump Station Current Status at Inspection

Pump running? Yes () No ()
Suction Pressure 102 Discharge Pressure 154
Any signs of Leakage Yes () No ()

Comments:

Inspection Made By: Jan Bailey

Pump Station Inspection Report

Date: 4-22-19 Time: _____

Pump Location/Name SPUC

Type:
Centrifugal ()
Vertical Turbine ()
Submersible ()

Number of Pumps In Station: 2 Horse Power: 40 Rating: 237

- Has motor bearings been greased? Yes () No ()
- Any visible signs of wear and tear or other problems? Yes () No ()
- Are suction and discharge gauges working? Yes () No ()
- Is heater in pump station operating properly? Yes () No ()
- Is dehumidifier working properly? Yes () No ()
- Does pump or motor have any excessive noise? Yes () No ()
- Is there any repainting needed? Yes () No ()

If yes, what area:

Pump Station Current Status at Inspection

Pump running? Yes () No ()
Suction Pressure 90 Discharge Pressure 250
Any signs of Leakage Yes () No ()

Comments:

Inspection Made By: Jan Bawls

Pump Station Inspection Report

Date: 4-24-19 Time: _____

Pump Location/Name Stone Coal

Type:
Centrifugal ()
Vertical Turbine ()
Submersible ()

Number of Pumps in Station: 2 Horse Power: 5 Rating: 30

- Has motor bearings been greased? Yes () No ()
- Any visible signs of wear and tear or other problems? Yes () No ()
- Are suction and discharges gauges working? Yes () No ()
- Is heater in pump station operating properly? Yes () No ()
- Is dehumidifier working properly Yes () No ()
- Does pump or motor have any excessive noise? Yes () No ()
- Is there any repainting needed? Yes () No ()

If yes, what area:

Pump Station Current Status at Inspection

Pump running? Yes () No ()
Suction Pressure 112 Discharge Pressure 167
Any signs of Leakage Yes () No ()

Comments:

Inspection Made By: Jan Baus

Pump Station Inspection Report

Date: 4-24-19 Time: _____

Pump Location/Name Bellwood

Type:
Centrifugal ()
Vertical Turbine ()
Submersible ()

Number of Pumps in Station: 2 Horse Power: 7.5 Rating: 30

- Has motor bearings been greased? Yes () No ()
- Any visible signs of wear and tear or other problems? Yes () No ()
- Are suction and discharges gauges working? Yes () No ()
- Is heater in pump station operating properly? Yes () No ()
- Is dehumidifier working properly? Yes () No ()
- Does pump or motor have any excessive noise? Yes () No ()
- Is there any repainting needed? Yes () No ()

If yes, what area:

Pump Station Current Status at Inspection

Pump running? Yes () No ()
Suction Pressure 145 Discharge Pressure 278
Any signs of Leakage Yes () No ()

Comments:

Inspection Made By: Jan Barkley

Pump Station Inspection Report

Date: 4-23-19

Time: _____

Pump Location/Name Polls #2

Type:
Centrifugal ()
Vertical Turbine ()
Submersible ()

Number of Pumps in Station: 2 Horse Power: 3 Rating: _____

- Has motor bearings been greased? Yes () No ()
- Any visible signs of wear and tear or other problems? Yes () No ()
- Are suction and discharges gauges working? Yes () No ()
- Is heater in pump station operating properly? Yes () No ()
- Is dehumidifier working properly? Yes () No ()
- Does pump or motor have any excessive noise? Yes () No ()
- Is there any repainting needed? Yes () No ()

If yes, what area:

Pump Station Current Status at Inspection

Pump running? Yes () No ()
Suction Pressure 150 Discharge Pressure 150
Any signs of Leakage Yes () No ()

Comments:

Inspection Made By: CCR

Pump Station Inspection Report

Date: H-8-19 Time: 1:50

Pump Location/Name Rockhouse

Type:
Centrifugal
Vertical Turbine
Submersible

Number of Pumps in Station: 2 Horse Power: 20 Rating: 88 g.p.m.

- Has motor bearings been greased? Yes No
- Any visible signs of wear and tear or other problems? Yes No
- Are suction and discharges gauges working? Yes No
- Is heater in pump station operating properly? Yes No
- Is dehumidifier working properly? Yes No n/a
- Does pump or motor have any excessive noise? Yes No
- Is there any repainting needed? Yes No

If yes, what area:

Pump Station Current Status at Inspection

Pump running? Yes No
Suction Pressure 117 Discharge Pressure 291
Any signs of Leakage Yes No

Comments:

Inspection Made By: Dan D. Napier

Pump Station Inspection Report

Date: 4-8-19

Time: 2:34

Pump Location/Name Muncy C/K.

Type:
Centrifugal ()
Vertical Turbine ()
Submersible ()

Number of Pumps in Station: 2 Horse Power: 110 Rating: 275 GPM

- Has motor bearings been greased? Yes () No ()
- Any visible signs of wear and tear or other problems? Yes () No ()
- Are suction and discharges gauges working? Yes () No ()
- Is heater in pump station operating properly? Yes () No ()
- Is dehumidifier working properly? Yes () No ()
- Does pump or motor have any excessive noise? Yes () No ()
- Is there any repainting needed? Yes () No ()

If yes, what area:

Pump Station Current Status at Inspection

Pump running? Yes () No ()
Suction Pressure 113 Discharge Pressure 243
Any signs of Leakage Yes () No ()

Comments:

#2 BELMAD VALVE LEAKING

Inspection Made By: Daniel B. Napier

Pump Station Inspection Report

Date: 4-8-19 Time: 3:35

Pump Location/Name BAD CHK

Type:
Centrifugal
Vertical Turbine
Submersible

Number of Pumps in Station: 2 Horse Power: 5 Rating: 22 GPM

- Has motor bearings been greased? Yes No
- Any visible signs of wear and tear or other problems? Yes No
- Are suction and discharges gauges working? Yes No
- Is heater in pump station operating properly? Yes No
- Is dehumidifier working properly Yes No
- Does pump or motor have any excessive noise? Yes No
- Is there any repainting needed? Yes No

If yes, what area:

Pump Station Current Status at Inspection

Pump running? Yes No
Suction Pressure 142 Discharge Pressure 175
Any signs of Leakage Yes No

Comments:

Inspection Made By: David Barnes

Pump Station Inspection Report

Date: 11-8-19 Time: 3:53

Pump Location/Name Honeysuckle

Type:
Centrifugal
Vertical Turbine
Submersible

Number of Pumps in Station: 2 Horse Power: 5 Rating: 26 GPM

- Has motor bearings been greased? Yes No
- Any visible signs of wear and tear or other problems? Yes No
- Are suction and discharges gauges working? Yes No
- Is heater in pump station operating properly? Yes No
- Is dehumidifier working properly Yes No n/a
- Does pump or motor have any excessive noise? Yes No
- Is there any repainting needed? Yes No

If yes, what area:

Pump Station Current Status at Inspection

Pump running? Yes No
Suction Pressure 108 Discharge Pressure 180
Any signs of Leakage Yes No

Comments:

Inspection Made By: Dave B. Napos

Pump Station Inspection Report

Date: 4-22-19 Time: 12:40

Pump Location/Name WJN mtr pump

Type:
Centrifugal
Vertical Turbine
Submersible

Number of Pumps in Station: 2 Horse Power: 1.0 Rating: _____

- Has motor bearings been greased? Yes () No () NA
- Any visible signs of wear and tear or other problems? Yes () No ()
- Are suction and discharges gauges working? Yes () No ()
- Is heater in pump station operating properly? Yes () No ()
- Is dehumidifier working properly? Yes () No () NA
- Does pump or motor have any excessive noise? Yes () No ()
- Is there any repainting needed? Yes () No ()

If yes, what area:

Pump Station Current Status at Inspection

Pump running? Yes () No ()
Suction Pressure 102 Discharge Pressure 185
Any signs of Leakage Yes () No ()

Comments:

Inspection Made By: EB

Pump Station Inspection Report

Date: 4-22-19 Time: 11:19

Pump Location/Name Owls nest

Type:
Centrifugal ()
Vertical Turbine ()
Submersible ()

Number of Pumps in Station: 2 Horse Power: 5 Rating: _____

- Has motor bearings been greased? Yes () No ()
- Any visible signs of wear and tear or other problems? Yes () No ()
- Are suction and discharges gauges working? Yes () No ()
- Is heater in pump station operating properly? Yes () No ()
- Is dehumidifier working properly? Yes () No ()
- Does pump or motor have any excessive noise? Yes () No ()
- Is there any repainting needed? Yes () No ()

If yes, what area:
FLOOR

Pump Station Current Status at Inspection

Pump running? Yes () No ()
Suction Pressure 90 Discharge Pressure 170
Any signs of Leakage Yes () No ()

Comments:

dr: at Tee

Inspection Made By: CCR

Pump Station Inspection Report

Date: 4-23-19 Time: _____

Pump Location/Name Polls Creek #1

Type:
Centrifugal ()
Vertical Turbine ()
Submersible ()

Number of Pumps in Station: 2 Horse Power: 5 Rating: _____

- Has motor bearings been greased? Yes () No ()
 - Any visible signs of wear and tear or other problems? Yes () No ()
 - Are suction and discharges gauges working? Yes () No ()
 - Is heater in pump station operating properly? Yes () No ()
 - Is dehumidifier working properly? Yes () No ()
 - Does pump or motor have any excessive noise? Yes () No ()
 - Is there any repainting needed? Yes () No ()
- If yes, what area:

Pump Station Current Status at Inspection

Pump running? Yes () No ()
Suction Pressure 130 Discharge Pressure 170
Any signs of Leakage Yes () No ()

Comments:

Inspection Made By: CCR

Pump Station Inspection Report

Date: 11-22-19 Time: 1:00

Pump Location/Name Greasy Ridge

Type:
Centrifugal
Vertical Turbine
Submersible

Number of Pumps in Station: 2 Horse Power: 5 Rating: 30.38 G.P.M.

- Has motor bearings been greased? Yes No
- Any visible signs of wear and tear or other problems? Yes No
- Are suction and discharges gauges working? Yes No
- Is heater in pump station operating properly? Yes No
- Is dehumidifier working properly? Yes No N/A
- Does pump or motor have any excessive noise? Yes No
- Is there any repainting needed? Yes No

If yes, what area:

Pump Station Current Status at Inspection

Pump running? Yes No
Suction Pressure 171 Discharge Pressure 173
Any signs of Leakage Yes No

Comments:

Inspection Made By: David S. Napier

Pump Station Inspection Report

Date: 4-24-19 Time: 1:47

Pump Location/Name Persimmon Fore Pump Type:
Centrifugal
Vertical Turbine ()
Submersible ()

Number of Pumps in Station: 2 Horse Power: 7.5 Rating: 53.27 GPM

- Has motor bearings been greased? Yes () No ()
- Any visible signs of wear and tear or other problems? Yes () No
- Are suction and discharges gauges working? Yes No ()
- Is heater in pump station operating properly? Yes No ()
- Is dehumidifier working properly Yes No ()
- Does pump or motor have any excessive noise? Yes () No
- Is there any repainting needed? Yes () No

If yes, what area:

Pump Station Current Status at Inspection

Pump running? Yes () No
Suction Pressure 49 Discharge Pressure 144
Any signs of Leakage Yes () No

Comments:

Inspection Made By: EB

Pump Station Inspection Report

Date: 4-24-19 Time: 10:58

Pump Location/Name Hrc Pump

Type:
Centrifugal
Vertical Turbine
Submersible

Number of Pumps in Station: 2 Horse Power: 15.0 Rating: _____

- Has motor bearings been greased? Yes No
- Any visible signs of wear and tear or other problems? Yes No
- Are suction and discharges gauges working? Yes No
- Is heater in pump station operating properly? Yes No
- Is dehumidifier working properly Yes No NA
- Does pump or motor have any excessive noise? Yes No
- Is there any repainting needed? Yes No

If yes, what area:

Pump Station Current Status at Inspection

Pump running? Yes No
Suction Pressure 145 Discharge Pressure 215
Any signs of Leakage Yes No

Comments:

Inspection Made By: ER

Pump Station Inspection Report

Date: 4-25-19 Time: _____

Pump Location/Name big branch #2

Type:
Centrifugal ()
Vertical Turbine ()
Submersible ()

Number of Pumps in Station: 2 Horse Power: 15 Rating: _____

- Has motor bearings been greased? Yes () No ()
- Any visible signs of wear and tear or other problems? Yes () No ()
- Are suction and discharges gauges working? Yes () No ()
- Is heater in pump station operating properly? Yes () No ()
- Is dehumidifier working properly Yes () No ()
- Does pump or motor have any excessive noise? Yes () No ()
- Is there any repainting needed? Yes () No ()

If yes, what area:

Pump Station Current Status at Inspection

Pump running? Yes () No ()
Suction Pressure 12 Discharge Pressure 230
Any signs of Leakage Yes () No ()

Comments:

Inspection Made By: CCR

Pump Station Inspection Report

Date: 4-25-19

Time: _____

Pump Location/Name big branch 1

Type:
Centrifugal ()
Vertical Turbine ()
Submersible ()

Number of Pumps in Station: 2 Horse Power: 15 Rating: _____

Has motor bearings been greased? Yes () No ()

Any visible signs of wear and tear or other problems? Yes () No ()

Are suction and discharges gauges working? Yes () No ()

Is heater in pump station operating properly? Yes () No () Turned off

Is dehumidifier working properly? Yes () No () not one

Does pump or motor have any excessive noise? Yes () No ()

Is there any repainting needed? Yes () No ()

If yes, what area:

Floor

Pump Station Current Status at Inspection

Pump running? Yes () No ()

Suction Pressure 60 Discharge Pressure 198

Any signs of Leakage Yes () No ()

Comments:

Inspection Made By: CCR

Pump Station Inspection Report

Date: 4-8-19 Time: 3:20

Pump Location/Name ESSIE PUMP

Type:
Centrifugal
Vertical Turbine
Submersible

Number of Pumps in Station: 1 Horse Power: 15.0 Rating: 60

- Has motor bearings been greased? Yes No
- Any visible signs of wear and tear or other problems? Yes No
- Are suction and discharges gauges working? Yes No
- Is heater in pump station operating properly? Yes No NA
- Is dehumidifier working properly? Yes No NA
- Does pump or motor have any excessive noise? Yes No
- Is there any repainting needed? Yes No

If yes, what area:

oil over

Pump Station Current Status at Inspection

Pump running? Yes No
Suction Pressure 107 Discharge Pressure 223
Any signs of Leakage Yes No

Comments:

Inspection Made By: RDR

Pump Station Inspection Report

Date: 4-8-19 Time: 3:13

Pump Location/Name Glady branch Type:
Centrifugal ()
Vertical Turbine ()
Submersible ()

Number of Pumps in Station: 2 Horse Power: 3/4 Rating: _____

- Has motor bearings been greased? Yes () No () N/A
- Any visible signs of wear and tear or other problems? Yes () No ()
- Are suction and discharges gauges working? Yes () No ()
- Is heater in pump station operating properly? Yes () No ()
- Is dehumidifier working properly? Yes () No () N/A
- Does pump or motor have any excessive noise? Yes () No ()
- Is there any repainting needed? Yes () No ()

If yes, what area:

Pump Station Current Status at Inspection

Pump running? Yes () No ()
Suction Pressure 40 Discharge Pressure 110
Any signs of Leakage Yes () No ()

Comments:

Inspection Made By: RDR

Pump Station Inspection Report

Date: 4-8-19 Time: 2:30

Pump Location/Name Wilder Pump

Type:
Centrifugal ()
Vertical Turbine ()
Submersible ()

Number of Pumps in Station: 2 Horse Power: 7.5 Rating: _____

- Has motor bearings been greased? Yes () No ()
- Any visible signs of wear and tear or other problems? Yes () No ()
- Are suction and discharges gauges working? Yes () No ()
- Is heater in pump station operating properly? Yes () No ()
- Is dehumidifier working properly? Yes () No () NA
- Does pump or motor have any excessive noise? Yes () No ()
- Is there any repainting needed? Yes () No ()

If yes, what area:

all over

Pump Station Current Status at Inspection

Pump running? Yes () No ()
Suction Pressure _____ Discharge Pressure 270
Any signs of Leakage Yes () No ()

Comments:

Inspection Made By: RDR

Pump Station Inspection Report

Date: 4-8-19 Time: 2:13

Pump Location/Name Grassy Pump

Type:
Centrifugal
Vertical Turbine
Submersible

Number of Pumps in Station: 2 Horse Power: 15-0 Rating: 53-27

- Has motor bearings been greased? Yes () No ()
- Any visible signs of wear and tear or other problems? Yes () No ()
- Are suction and discharge gauges working? Yes () No ()
- Is heater in pump station operating properly? Yes () No ()
- Is dehumidifier working properly? Yes () No () NA
- Does pump or motor have any excessive noise? Yes () No ()
- Is there any repainting needed? Yes () No ()

If yes, what area:

Pump Station Current Status at Inspection

Pump running? Yes () No ()
Suction Pressure 152 Discharge Pressure 225
Any signs of Leakage Yes () No ()

Comments:

Inspection Made By: RDR

WTP Monthly Inspection Report

Date: 4-24-19

Raw Water Intake

Structure Condition? Good () Fair () Poor ()
Raw Water Pump Type? **Submersible**
Condition? Good () Fair () Poor ()
Any excessive noise or vibration? Yes () No ()

Actiflo Flash Mix Basin

Mixer motor operable? Actiflo 1 Yes () No ()
Actiflo 2 Yes () No ()

Actiflo Flocculation Basin

Mixer Motor Operable? Actiflo 1 Yes () No ()
Actiflo 2 Yes () No ()

Sedimentation Basins

Condition of Tube Settlers? Actiflo 1 Good () Fair () Poor ()
Condition of Weirs? Actiflo 1 Good () Fair () Poor ()
Contact Tank Good () Fair () Poor ()

Actiflo 2 Good () Fair () Poor ()
Actiflo 2 Good () Fair () Poor ()

Filters 1 & 2

Influent Valves Operating Properly? Yes () No ()
Drain Valve Operating Properly? Yes () No ()
FTW valves Operating properly? Yes () No ()
Filter controllers operating properly? Yes () No ()
Loss of head gauges working properly? Yes () No ()
Filter exterior structure Good () Fair () Poor ()

High Service Pumps

Pump Type : **Vertical Turbine**
Any excessive noise or vibration? Yes () No ()
Any excessive water around packing? Yes () No ()
Condition? Good () Fair () Poor ()

Back Wash Pump

Type? **Vertical Turbine**
Any excessive noise or vibration? Yes () No ()
Any excessive water around packing? Yes () No ()
Condition? Good () Fair () Poor ()

Other

Chlorine Monitor Operable? Yes () No ()
Turbidity Monitors Operable? Yes () No ()
Chlorine Alarm Operable? Yes () No ()
Turbidity High Alarms Operable? Yes () No ()

Comments:

Inspection By: LJT

Water Tank Inspection

Date 4-22-19
Tank Location/ Name: WOIF

Type: _____
Welded Metal ()
Steel-Glass Lined ()
Stainless Steel ()
Concrete ()

Tank Capacity: 59,000

Date Constructed: _____

Site

Does drainage slope away from tank? Yes () No ()
Is ground soft or wet around tank area? Yes () No ()

Foundation

Is concrete foundation cracked? Yes () No ()
Is there a gap between Concrete and Tank Structure? Yes () No ()
Condition of anchor bolts? Good () Bad ()

Tank Structure

Any disfiguration in tank walls, shell or roof? Yes () No ()
Are any welded seems concave? Yes () No ()
Are there any rust streaks originating from the welded seems? Yes () No ()
Any evidence of water leaking from tank? Yes () No ()
Condition of finished coat? Good () Fair () Bad ()
Any water ponding on roof? Yes () No ()
Is the vent at top of tank screened and in good condition? Yes () No ()
Is there a safety climbing device and/or cage on the ladder? Climbing Device ()
Cage ()
None ()
Does the over flow have a screen or a flapper? Screen () Flapper () Neither ()
What is the condition of the over flow Screen/Flapper? Good () Fair () Bad ()
Is there a water level target on tank? Yes () No ()
Is it working properly? Yes () No () Level showing at inspection 20'
Time 1:30

Comments:

Inspection Made By: Jan Paul

Water Tank Inspection

Date 4-22-19

Tank Location/ Name: Spur

Tank Capacity: 209,000

Date Constructed: _____

Type: _____
Welded Metal ()
Steel-Glass Lined ()
Stainless Steel ()
Concrete ()

Site

Does drainage slope away from tank? Yes () No ()
Is ground soft or wet around tank area? Yes () No ()

Foundation

Is concrete foundation cracked? Yes () No ()
Is there a gap between Concrete and Tank Structure? Yes () No ()
Condition of anchor bolts? Good () Bad ()

Tank Structure

Any disfiguration in tank walls, shell or roof? Yes () No ()
Are any welded seems concave? Yes () No ()
Are there any rust streaks originating from the welded seems? Yes () No ()
Any evidence of water leaking from tank? Yes () No ()
Condition of finished coat? Good () Fair () Bad ()
Any water ponding on roof? Yes () No ()
Is the vent at top of tank screened and in good condition? Yes () No ()
Is there a safety climbing device and/or cage on the ladder? Climbing Device ()
Cage ()
None ()
Does the over flow have a screen or a flapper? Screen () Flapper () Neither ()
What is the condition of the over flow Screen/Flapper? Good () Fair () Bad ()
Is there a water level target on tank? Yes () No ()
Is it working properly? Yes () No () Level showing at inspection 34'
Time _____

Comments:

leak about 15' up on tank

Inspection Made By: Jan Bawly

Water Tank Inspection

Date 4-29-19

Tank Location/ Name: Harts Creek

Type: _____

Tank Capacity: 203,000

- Welded Metal ()
- Steel-Glass Lined ()
- Stainless Steel ()
- Concrete ()

Date Constructed: _____

Site

Does drainage slope away from tank? Yes () No ()

Is ground soft or wet around tank area? Yes () No ()

Foundation

Is concrete foundation cracked? Yes () No ()

Is there a gap between Concrete and Tank Structure? Yes () No ()

Condition of anchor bolts? Good () Bad ()

Tank Structure

Any disfiguration in tank walls, shell or roof? Yes () No ()

Are any welded seems concave? Yes () No ()

Are there any rust streaks originating from the welded seems? Yes () No ()

Any evidence of water leaking from tank? Yes () No ()

Condition of finished coat? Good () Fair () Bad ()

Any water ponding on roof? Yes () No ()

Is the vent at top of tank screened and in good condition? Yes () No ()

Is there a safety climbing device and/or cage on the ladder? Climbing Device ()

Cage ()

None ()

Does the over flow have a screen or a flapper? Screen () Flapper () Neither ()

What is the condition of the over flow Screen/Flapper? Good () Fair () Bad ()

Is there a water level target on tank? Yes () No ()

Is it working properly? Yes () No () Level showing at inspection 35.8

Time 11:27

Comments:

Inspection Made By: DLC

Water Tank Inspection

Date 4-29-19

Tank Location/ Name: Lee Co.

Type: _____

Tank Capacity: 50,000

Welded Metal ()

Steel-Glass Lined ()

Stainless Steel (✓)

Concrete ()

Date Constructed: _____

Site

Does drainage slope away from tank? Yes (✓) No ()

Is ground soft or wet around tank area? Yes () No (✓)

Foundation

Is concrete foundation cracked? Yes () No (✓)

Is there a gap between Concrete and Tank Structure? Yes () No (✓)

Condition of anchor bolts? Good (✓) Bad ()

Tank Structure

Any disfiguration in tank walls, shell or roof? Yes () No (✓)

Are any welded seems concave? Yes () No (✓)

Are there any rust streaks originating from the welded seems? Yes () No (✓)

Any evidence of water leaking from tank? Yes () No (✓)

Condition of finished coat? Good (✓) Fair () Bad ()

Any water ponding on roof? Yes () No (✓)

Is the vent at top of tank screened and in good condition? Yes (✓) No ()

Is there a safety climbing device and/or cage on the ladder? Climbing Device ()

Cage (✓)

None ()

Does the over flow have a screen or a flapper? Screen (✓) Flapper () Neither ()

What is the condition of the over flow Screen/Flapper? Good (✓) Fair () Bad ()

Is there a water level target on tank? Yes (✓) No ()

Is it working properly? Yes (✓) No () Level showing at inspection 30.3

Time 11:45

Comments:

Inspection Made By: DLC

Water Tank Inspection

Date 4-29-19

Tank Location/ Name: Dollar Tank

Tank Capacity: 1,000,000

Date Constructed: _____

Type: _____

Welded Metal ()

Steel-Glass Lined (✓)

Stainless Steel ()

Concrete ()

Site

Does drainage slope away from tank? Yes (✓) No ()

Is ground soft or wet around tank area? Yes () No (✓)

Foundation

Is concrete foundation cracked? Yes (✓) No ()

Is there a gap between Concrete and Tank Structure? Yes () No (✓)

Condition of anchor bolts? Good (✓) Bad ()

Tank Structure

Any disfiguration in tank walls, shell or roof? Yes () No (✓)

Are any welded seems concave? Yes () No (✓)

Are there any rust streaks originating from the welded seems? Yes () No (✓)

Any evidence of water leaking from tank? Yes (✓) No ()

Condition of finished coat? Good (✓) Fair () Bad ()

Any water ponding on roof? Yes () No (✓)

Is the vent at top of tank screened and in good condition? Yes (✓) No ()

Is there a safety climbing device and/or cage on the ladder? Climbing Device ()

Cage (✓)

None ()

Does the over flow have a screen or a flapper? Screen (✓) Flapper () Neither ()

What is the condition of the over flow Screen/Flapper? Good () Fair () Bad ()

Is there a water level target on tank? Yes (✓) No ()

Is it working properly? Yes () No (✓) Level showing at inspection 53.5'

Time 100

Comments:

Inspection Made By: DLL

Water Tank Inspection

Date 11-8-19
Tank Location/ Name: Rockhouse

Type: _____
Welded Metal ()
Steel-Glass Lined ()
Stainless Steel ()
Concrete ()

Tank Capacity: 150,000

Date Constructed: 2013

Site

Does drainage slope away from tank? Yes () No ()
Is ground soft or wet around tank area? Yes () No ()

Foundation

Is concrete foundation cracked? Yes () No ()
Is there a gap between Concrete and Tank Structure? Yes () No ()
Condition of anchor bolts? Good () Bad ()

Tank Structure

Any disfiguration in tank walls, shell or roof? Yes () No ()
Are any welded seems concave? Yes () No () N/A
Are there any rust streaks originating from the welded seems? Yes () No (N/A)
Any evidence of water leaking from tank? Yes () No ()
Condition of finished coat? Good () Fair () Bad ()
Any water ponding on roof? Yes () No ()
Is the vent at top of tank screened and in good condition? Yes () No ()
Is there a safety climbing device and/or cage on the ladder? Climbing Device ()
Cage ()
None ()
Does the over flow have a screen or a flapper? Screen () Flapper () Neither ()
What is the condition of the over flow Screen/Flapper? Good () Fair () Bad ()
Is there a water level target on tank? Yes () No ()
Is it working properly? Yes () No () Level showing at inspection 18.9
Time 2:10

Comments:

Inspection Made By: David S. Napier

Water Tank Inspection

Date H-8-19

Tank Location/ Name: Muncy

Tank Capacity: 209,000

Date Constructed: 1995

Type: _____
Welded Metal ()
Steel-Glass Lined ()
Stainless Steel ()
Concrete ()

Site

Does drainage slope away from tank? Yes () No ()
Is ground soft or wet around tank area? Yes () No ()

Foundation

Is concrete foundation cracked? Yes () No ()
Is there a gap between Concrete and Tank Structure? Yes () No ()
Condition of anchor bolts? Good () Bad ()

Tank Structure

Any disfiguration in tank walls, shell or roof? Yes () No ()
Are any welded seems concave? Yes () No () N/A
Are there any rust streaks originating from the welded seems? Yes () No () N/A
Any evidence of water leaking from tank? Yes () No ()
Condition of finished coat? Good () Fair () Bad ()
Any water ponding on roof? Yes () No ()
Is the vent at top of tank screened and in good condition? Yes () No ()
Is there a safety climbing device and/or cage on the ladder? Climbing Device ()
Cage ()
None ()
Does the over flow have a screen or a flapper? Screen () Flapper () Neither ()
What is the condition of the over flow Screen/Flapper? Good () Fair () Bad ()
Is there a water level target on tank? Yes () No ()
Is it working properly? Yes () No () Level showing at inspection 36-3
Time 2:44

Comments:

Inspection Made By: David B Napier

Water Tank Inspection

Date 4-17-19
Tank Location/ Name: ARC TANK
Tank Capacity: 62221 GA
Date Constructed: 10-2013

Type: _____
Welded Metal ()
Steel-Glass Lined (X)
Stainless Steel ()
Concrete ()

Site

Does drainage slope away from tank? Yes (X) No ()
Is ground soft or wet around tank area? Yes () No (X)

Foundation

Is concrete foundation cracked? Yes () No (X)
Is there a gap between Concrete and Tank Structure? Yes () No (X)
Condition of anchor bolts? Good (X) Bad ()

Tank Structure

Any disfiguration in tank walls, shell or roof? Yes () No (X)
Are any welded seems concave? Yes () No (X)
Are there any rust streaks originating from the welded seems? Yes () No (X)
Any evidence of water leaking from tank? Yes () No (X)
Condition of finished coat? Good (X) Fair () Bad ()
Any water ponding on roof? Yes () No (X)
Is the vent at top of tank screened and in good condition? Yes (X) No ()
Is there a safety climbing device and/or cage on the ladder? Climbing Device ()
Cage (X)
None ()
Does the over flow have a screen or a flapper? Screen () Flapper (X) Neither ()
What is the condition of the over flow Screen/Flapper? Good (X) Fair () Bad ()
Is there a water level target on tank? Yes (X) No ()
Is it working properly? Yes (X) No () Level showing at inspection 3 FT
Time 2:49

Comments:

Inspection Made By: CB

Water Tank Inspection

Date 4-22-19

Tank Location/ Name: WB muncy Tank

Tank Capacity: 43,209

Date Constructed: Nov 2012

Type: _____

- Welded Metal ()
- Steel-Glass Lined (X)
- Stainless Steel ()
- Concrete ()

Site

Does drainage slope away from tank? Yes (X) No ()

Is ground soft or wet around tank area? Yes () No (X)

Foundation

Is concrete foundation cracked? Yes () No (X)

Is there a gap between Concrete and Tank Structure? Yes () No (X)

Condition of anchor bolts? Good (X) Bad ()

Tank Structure

Any disfiguration in tank walls, shell or roof? Yes () No (X)

Are any welded seems concave? Yes () No (X)

Are there any rust streaks originating from the welded seems? Yes () No (X)

Any evidence of water leaking from tank? Yes () No (X)

Condition of finished coat? Good (X) Fair () Bad ()

Any water ponding on roof? Yes () No (X)

Is the vent at top of tank screened and in good condition? Yes (X) No ()

Is there a safety climbing device and/or cage on the ladder? Climbing Device ()

- Cage (X)
- None ()

Does the over flow have a screen or a flapper? Screen () Flapper (X) Neither ()

What is the condition of the over flow Screen/Flapper? Good (X) Fair () Bad ()

Is there a water level target on tank? Yes (X) No ()

Is it working properly? Yes (X) No () Level showing at inspection 6.5 FT
Time 1:12

Comments:

TANK NOT IN SVC YET

Inspection Made By: EB

Water Tank Inspection

Date 4-26-19
Tank Location/ Name: grass tank

Type: _____
Welded Metal ()
Steel-Glass Lined ()
Stainless Steel ()
Concrete ()

Tank Capacity: 62,221

Date Constructed: Oct 18-2013

Site

Does drainage slope away from tank? Yes () No ()
Is ground soft or wet around tank area? Yes () No ()

Foundation

Is concrete foundation cracked? Yes () No ()
Is there a gap between Concrete and Tank Structure? Yes () No ()
Condition of anchor bolts? Good () Bad ()

Tank Structure

Any disfiguration in tank walls, shell or roof? Yes () No ()
Are any welded seems concave? Yes () No ()
Are there any rust streaks originating from the welded seems? Yes () No ()
Any evidence of water leaking from tank? Yes () No ()
Condition of finished coat? Good () Fair () Bad ()
Any water ponding on roof? Yes () No ()
Is the vent at top of tank screened and in good condition? Yes () No ()
Is there a safety climbing device and/or cage on the ladder? Climbing Device ()
Cage ()
None ()
Does the over flow have a screen or a flapper? Screen () Flapper () Neither ()
What is the condition of the over flow Screen/Flapper? Good () Fair () Bad ()
Is there a water level target on tank? Yes () No ()
Is it working properly? Yes () No () Level showing at inspection 14-6
SCADA Level at inspection _____

Comments:

Inspection Made By: Randy D. Roberts

Water Tank Inspection

Date 4-26-19

Tank Location/ Name: ESSE

Tank Capacity: 85, 824

Date Constructed: _____

Type: _____

Welded Metal ()

Steel-Glass Lined ()

Stainless Steel ()

Concrete ()

Site

Does drainage slope away from tank? Yes () No ()

Is ground soft or wet around tank area? Yes () No ()

Foundation

Is concrete foundation cracked? Yes () No ()

Is there a gap between Concrete and Tank Structure? Yes () No ()

Condition of anchor bolts? Good () Bad ()

Tank Structure

Any disfiguration in tank walls, shell or roof? Yes () No ()

Are any welded seems concave? Yes () No ()

Are there any rust streaks originating from the welded seems? Yes () No ()

Any evidence of water leaking from tank? Yes () No ()

Condition of finished coat? Good () Fair () Bad ()

Any water ponding on roof? Yes () No ()

Is the vent at top of tank screened and in good condition? Yes () No ()

Is there a safety climbing device and/or cage on the ladder? Climbing Device ()

Cage ()

None ()

Does the over flow have a screen or a flapper? Screen () Flapper () Neither ()

What is the condition of the over flow Screen/Flapper? Good () Fair () Bad ()

Is there a water level target on tank? Yes () No ()

Is it working properly? Yes () No () Level showing at inspection _____

SCADA Level at inspection _____

Comments:

Inspection Made By: Remy D. Roberts

Water Tank Inspection

Date: 4-25-19

Tank Location/ Name: big branch #2

Type: _____
Welded Metal ()
Steel-Glass Lined ()
Stainless Steel ()
Concrete ()

Tank Capacity: 105,000

Date Constructed: _____

Site

Does drainage slope away from tank? Yes (✓) No ()
Is ground soft or wet around tank area? Yes () No (✓)

Foundation

Is concrete foundation cracked? Yes () No (✓)
Is there a gap between Concrete and Tank Structure? Yes () No (✓)
Condition of anchor bolts? Good () Bad ()

Tank Structure

Any disfiguration in tank walls, shell or roof? Yes () No (✓)
Are any welded seems concave? Yes () No (✓)
Are there any rust streaks originating from the welded seems? Yes () No (✓)
Any evidence of water leaking from tank? Yes () No (✓)
Condition of finished coat? Good (✓) Fair () Bad ()
Any water ponding on roof? Yes () No (✓)
Is the vent at top of tank screened and in good condition? Yes (✓) No ()
Is there a safety climbing device and/or cage on the ladder? Climbing Device ()
Cage (✓)
None ()
Does the over flow have a screen or a flapper? Screen (✓) Flapper () Neither ()
What is the condition of the over flow Screen/Flapper? Good (✓) Fair () Bad ()
Is there a water level target on tank? Yes (✓) No ()
Is it working properly? Yes (✓) No () Level showing at inspection 5.0
SCADA Level at inspection _____

Comments:

Inspection Made By: CCR

Water Tank Inspection

Date 4-25-19
Tank Location/ Name: big branch #1

Type: _____
Welded Metal ()
Steel-Glass Lined ()
Stainless Steel ()
Concrete ()

Tank Capacity: 105,000
Date Constructed: _____

Site

Does drainage slope away from tank? Yes (✓) No ()
Is ground soft or wet around tank area? Yes () No (✓)

Foundation

Is concrete foundation cracked? Yes () No (✓)
Is there a gap between Concrete and Tank Structure? Yes () No (✓)
Condition of anchor bolts? Good (✓) Bad ()

Tank Structure

Any disfiguration in tank walls, shell or roof? Yes () No (✓)
Are any welded seems concave? Yes () No (✓)
Are there any rust streaks originating from the welded seems? Yes () No (✓)
Any evidence of water leaking from tank? Yes () No (✓)
Condition of finished coat? Good (✓) Fair () Bad ()
Any water ponding on roof? Yes () No (✓)
Is the vent at top of tank screened and in good condition? Yes () No ()
Is there a safety climbing device and/or cage on the ladder? Climbing Device ()
Cage (✓)
None ()
Does the over flow have a screen or a flapper? Screen (✓) Flapper () Neither ()
What is the condition of the over flow Screen/Flapper? Good (✓) Fair () Bad ()
Is there a water level target on tank? Yes (✓) No ()
Is it working properly? Yes (✓) No () Level showing at inspection 23.5
SCADA Level at inspection _____

Comments:

Inspection Made By: CCR

HYDEN-LESLIE COUNTY WATER DISTRICT

**Response to Commission Staff's Request for Information Dated May 3, 2019
Case No. 2019-00041**

Question No. 12

Responding Witness: L.J. Turner

Q-12. Refer to the water utility's response to the March 12 Order, Item 14.

- a. Provide the cost and purchase date of all equipment the water utility identified in its response.**
- b. State how frequently the identified leak detection equipment items are utilized by the water utility.**

A-12. a. Not applicable. No equipment has been purchased since January 1, 2018.

- b. Not applicable. Hyden-Leslie County Water District uses the leak detection equipment that it acquired prior to January 1, 2018 several times each week.

HYDEN-LESLIE COUNTY WATER DISTRICT

**Response to Commission Staff's Request for Information Dated May 3, 2019
Case No. 2019-00041**

Question No. 13

Responding Witness: L.J. Turner

- Q-13. Refer to the water utility's response to the March 12 Order, Item 16. For water utilities that responded that they have no written policy to identify errors that result in missed customer billings or under billings of customer accounts, state whether writing and adopting a formal written policy regarding this would be considered by its board of commissioners or directors, and if not state why not.**
- A-13. Hyden-Leslie County Water District's Board of Commissioners will consider adopting a formal written policy reflecting its current procedures for identifying errors that result in missed customer billings or under billings of customer accounts. Its existing billing system detects errors and irregular usage as meter readings are entered. When an error or irregular usage is identified, a work order is issued to investigate the occurrence.

HYDEN-LESLIE COUNTY WATER DISTRICT

**Response to Commission Staff's Request for Information Dated May 3, 2019
Case No. 2019-00041**

Question No. 14

Responding Witness: L.J. Turner

- Q-14. Refer to the water utility's response to the March 12 Order, Item 17. For water utilities that responded that they cannot accurately verify through testing how much water they produce at their water treatment plant, state how the water utility can accurately assess its water loss with an unverified production meter.**
- A-14. Not applicable. Finished water at Hyden-Leslie County Water District's water treatment plant is currently measured by a magnetic flow meter. As an additional measure to ensure accurate measurement, internal water usage at the treatment plant is measured by meter and other methods and then deducted from raw water meter readings. These results are then compared against customer water meter readings.

HYDEN-LESLIE COUNTY WATER DISTRICT

**Response to Commission Staff's Request for Information Dated May 3, 2019
Case No. 2019-00041**

Question No. 15

Responding Witness: L.J. Turner

Q-15. Refer to the water utility's response to the March 12 Order, Item 18.

- a. For water utilities that provided test results and had master meters that failed tests, state whether those master meters were replaced or repaired and provide the dates when they were replaced or repaired.**
- b. For water utilities that could not provide test results, provide any previous test results of the water utility's master meters or those from the wholesale provider from any previous date.**

A-15. a. Not applicable.

b. Not applicable.

HYDEN-LESLIE COUNTY WATER DISTRICT

**Response to Commission Staff's Request for Information Dated May 3, 2019
Case No. 2019-00041**

Question No. 16

Responding Witness: L.J. Turner

- Q-16. Refer to the water utility's response to the March 12 Order, Item 19. Provide the total number of customer meters that are greater than ten years old that a water utility currently has in service, if any, and provide any previous tests for each of these meters. If the meter has not been tested, please state in the affirmative and state why it has not been tested.**
- A-16. Hyden-Leslie County Water District records are incomplete and do not enable the water district to determine the age of its meters. It has provided the serial number of each meter to the meter's manufacturer and requested that the manufacturer provide the year in which the meter was manufactured. Upon receiving this information, it will be able to identify the age of each meter and will supplement its Response.

HYDEN-LESLIE COUNTY WATER DISTRICT

**Response to Commission Staff's Request for Information Dated May 3, 2019
Case No. 2019-00041**

Question No. 17

Responding Witness: L.J. Turner

Q-17. Refer to the water utility's response to the March 12 Order, Item 22. For water utilities that do not utilize supervisory control and data acquisition (SCADA) technology within its system, state the reasons why the water utility does not utilize SCADA technology within its system.

A-17. Not applicable.

HYDEN-LESLIE COUNTY WATER DISTRICT

**Response to Commission Staff's Request for Information Dated May 3, 2019
Case No. 2019-00041**

Question No. 18

Responding Witness: L.J. Turner

Q-18. Refer to the water utility's response to the March 12 Order, Item 23. For water utilities that do not utilize telemetry within its system, state the reasons why the water utility does not utilize telemetry within its system.

A-18. Not applicable.

HYDEN-LESLIE COUNTY WATER DISTRICT

**Response to Commission Staff's Request for Information Dated May 3, 2019
Case No. 2019-00041**

Question No. 19

Responding Witness: L.J. Turner

Q-19. Refer to the water utility's response to the March 12 Order, Item 26.

- a. For water utilities that currently utilize master meter zones in leak detection, state how the data from the zone meters is used to reduce water loss and whether the water utility has a sufficient number of zone meters to monitor its entire system.**
- b. For water utilities that currently do not utilize master meter zones in leak detection, state with specific detail whether doing so would assist in the water utility's water loss reduction efforts or why it would not.**

A-19. a. Not applicable.

- b. Use of master meter zones would assist Hyden-Leslie County Water District's water loss reduction efforts.

HYDEN-LESLIE COUNTY WATER DISTRICT

**Response to Commission Staff's Request for Information Dated May 3, 2019
Case No. 2019-00041**

Question No. 20

Responding Witness: L.J. Turner

Q-20. Refer to the water utility's response to the March 12 Order, Item 31.

- a. Provide the approximate hourly rate for the water utility's general manager/superintendent for the calendar years 2017 and 2018 utilizing actual hours worked, or if by salary by dividing the monthly salary by the standard 173.3 hours worked per month.**
- b. Provide the job title and job description for the general manager/superintendent from the water utility's handbook, if such a handbook exists. If the water utility does not currently have a handbook, provide the job title and a detailed job description for the general manager/superintendent that includes job duties.**

A-20. a. See table below.

Year	Salary	Hours Worked	Hourly Rate
2017	\$53,248.77	2,433.21	\$21.88
2018	\$65,955.49	2,433.02	\$27.11

- b. A detailed job description for the general manager is attached to this Response.

**Hyden-Leslie County Water District
Job Description**

Title: General Manager

Job Summary:

To direct and oversee all the operational, financial, administrative, and capital project activities of the District. This includes water treatment and distribution, accounting, billing, customer service, purchasing/warehousing, personnel and safety. In addition, the Manager is the contact person for the District in all dealings with the press and local, state, and federal government agencies.

Essential Functions:

1. The Manager directs all daily operational and repair/maintenance functions.
2. Directs the purchasing, accounts payable, personnel and payroll.
3. Coordinates and prioritizes both immediate and long-term planning of both daily operations and capital projects.
4. Works to prepare all monthly, quarterly, year-end financial reports for the Commission.
5. Coordinates the staff's work with independent auditors during each year's audit process.

HYDEN-LESLIE COUNTY WATER DISTRICT

**Response to Commission Staff's Request for Information Dated May 3, 2019
Case No. 2019-00041**

Question No. 21

Responding Witness: L.J. Turner

- Q-21. Refer to the water utility's response to the March 12 Order, Item 35. For water utilities that have not mapped their distribution area for service lines and connections, provide specific detail of the process of how the water utility locates its service lines and connections.**
- a. State the process for water utility responses to 811 calls for line locates.**
 - b. Provide an approximate date of completion for the water utility to map their entire distribution system for service lines and connections.**
- A-21. a. Hyden-Leslie County Water District responsibility ends at the delivery point and therefore has no responsibility for a customer's service lines. Currently, Hyden-Leslie County Water District relies upon the knowledge and experience of its field personnel to locate service connections.
- b. Hyden-Leslie County Water District is unable to provide an approximate date for mapping its service connections. Such action depends upon the availability of funding. As of this date, it has not secured any funding for such action.

HYDEN-LESLIE COUNTY WATER DISTRICT

**Response to Commission Staff's Request for Information Dated May 3, 2019
Case No. 2019-00041**

Question No. 22

Responding Witness: L.J. Turner

- Q-22. Refer to the water utility's response to the March 12 Order, Item 37a. For water utilities that have not requested prosecution of water theft (a.k.a. theft of services) by either the county attorney or commonwealth attorney's office, state the reasons why such requests have not been made.**
- A-22. Hyden-Leslie County Water District's Board of Commissioners has not been faced with any case in which it believed that prosecution was warranted. The District has conferred with the Leslie County Attorney about the procedures for prosecuting water theft should such action need to be taken and the Leslie County Attorney has agreed to prosecute any matters that the District refers to him.

HYDEN-LESLIE COUNTY WATER DISTRICT

**Response to Commission Staff's Request for Information Dated May 3, 2019
Case No. 2019-00041**

Question No. 23

Responding Witness: L.J. Turner

Q-23. Refer to the water utility's response to the March 12 Order, Item 38. For a water utility that has stated in the affirmative that a leak adjustment is permitted, provide the current leak adjustment rate and applicable tariff page from the water utility's tariff on file with the Commission.

A-23. Not applicable.

HYDEN-LESLIE COUNTY WATER DISTRICT

**Response to Commission Staff's Request for Information Dated May 3, 2019
Case No. 2019-00041**

Question No. 24

Responding Witness: L.J. Turner

- Q-24. Refer to the water utility's response to the March 12 Order, Item 44. For utilities that responded that they currently do not have flushing equipment, state whether its board of commissioners or directors has ever discussed the purchase of flushing equipment to improve the water utility's system. Provide any applicable board minutes as an attachment to this request.**
- A-24. Hyden-Leslie County Water District has not discussed the purchase of flushing equipment for the purpose of improving water quality.