

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 POST-HEARING REQUEST FOR INFORMATION**

Hyden-Leslie County Water District submits its Response to Commission Staff's Post-Hearing Request for Information dated July 18, 2019.

Dated: July 25, 2019

Respectfully submitted,




Gerald E. Wuetcher
Stoll Keenon Ogden PLLC
300 West Vine Street, Suite 2100
Lexington, Kentucky 40507-1801
Telephone: (859) 231-3017
Fax: (859) 259-3517
gerald.wuetcher@skofirm.com

Katelyn L. Brown
Stoll Keenon Ogden PLLC
500 West Jefferson Street, Suite 2000
Louisville, Kentucky 40202-2828
Telephone: (502) 568-5711
Fax: (502) 333-6099
katelyn.brown@skofirm.com

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 July 25, 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 July 26, 2019 this Response in paper medium will be delivered to the Public Service Commission.



Gerald E. Wretcher

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 POST-HEARING REQUEST FOR INFORMATION
DATED JULY 18, 2019

FILED: July 25, 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 24th day of July 2019.



Notary Public (SEAL)

My Commission Expires: 4/6/22
Notary ID: 598834

HYDEN-LESLIE COUNTY WATER DISTRICT

**Response to Commission Staff's Request for Information Dated July 18, 2019
Case No. 2019-00041**

Question No. 1

Responding Witness: L.J. Turner

Q-1. Provide the best available estimate of the number of customer meters that have not been tested within the last 10 years.

A-1. Hyden-Leslie County Water District estimates that approximately one hundred of its meters that are currently in service have been in service for ten years or longer and have not been tested within the last ten years.

HYDEN-LESLIE COUNTY WATER DISTRICT

**Response to Commission Staff's Request for Information Dated July 18, 2019
Case No. 2019-00041**

Question No. 2

Responding Witness: L.J. Turner

Q-2. Provide a copy of the utility's written preventative maintenance program for its plant, pump, and storage facilities

A-2. A copy of Hyden-Leslie County Water District's preventative maintenance program is attached to this response as Attachment 2-A. A copy of the forms referenced in the program is attached as Attachment 2-B.

PREVENTATIVE MAINTENANCE PROCEDURES

The purpose of a preventative maintenance program is twofold: 1) to ensure that equipment is properly functioning so that it meets or exceeds its expected service life and 2) identify maintenance trends that consume a great deal of the operator's time in order to reduce long term operational costs and improve system reliability. Without a sound preventive maintenance program, costs for labor, materials, and lost water due to emergency repairs will be incurred. Under emergency conditions damages to equipment can be much more severe and potential health effects and/or regulatory ramifications can be unacceptable to the customer and costly to the system. Therefore, three levels of maintenance activities that will be performed. These are predictive, preventative and breakdown maintenance.

Predictive Maintenance

The goal of predictive maintenance to identify potential equipment and system failure before a breakdown occurs. This level of maintenance relies upon testing performance and analyzing operational trends. Equipment testing may include such items as oil analysis, to determine optimal oil replacement frequency, infrared analysis, to ensure that electrical connections are sound and that there are no imminent electric failures about to occur and vibration analysis, to ensure that equipment is properly aligned and that bearing wear is identified well before failure occurs. System testing may include pressure analysis to optimize hydraulic zones, chlorine analysis to determine proper dosing and identify areas of high demand to maximize flushing and resonance time analysis to understand hydraulic flow paths and determine water age throughout the system.

Preventive Maintenance

The primary goal of preventive maintenance is to prevent the failure of pumps and equipment before it actually occurs. It is designed to preserve and enhance equipment reliability by replacing worn components before they actually fail. Preventive maintenance activities include exercising valves and fire hydrants; equipment and tank inspections; partial or complete overhauls at manufacturer specified periods; oil changes; lubrication; and so on. In addition, operators can record equipment deterioration so they know to replace or repair worn parts before they cause system failure.

Breakdown Maintenance

This is maintenance that must be performed because of unexpected equipment failure and is the most disruptive and costly type of maintenance especially when it leads to emergency conditions and compromises customer service or public health. Even under the best preventative maintenance program, some breakdown maintenance will occur. Each of these events provides a learning opportunity to improve upon existing preventative maintenance programs. The operator should evaluate every equipment breakdown situation, to determine

the cause, and what measures could have been taken to prevent the occurrence. The lessons learned should then be added to the preventative maintenance program. Building these written feedback loops into the preventative maintenance program will yield significant returns.

Implementation

The Manager in conjunction with operators are responsible for implementing the preventative maintenance program. It is responsibility of the Manager to assign facilities to personnel. All items found on the monthly inspection checklist must be inspected each month. It is the responsibility of the operator to perform the maintenance and recordkeeping of their assigned facilities. Inspection forms are located on pages; 65-67. If specific information is needed on any item, please refer to the manufactures recommendations. Inspection forms were created to be self-explanatory but if any clarity is needed please contact the Manager.

Water Tank Inspection

Date _____

Tank Location/ Name: _____

Type: _____

Tank Capacity: _____

Welded Metal ()

Steel-Glass Lined ()

Stainless Steel ()

Date Constructed: _____

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: _____

**Pump Station
Inspection
Report**

Date: _____

Pump
Location/Name _____

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

Number of Pumps in Station: _____ **Horse Power:** _____ **Rating:** _____

Date Motors Last Greased: _____

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 on gauge: _____ Suction Pressure SCADA: _____ Discharge Pressure _____

Discharge Pressure on Gauge: _____ Discharge Pressure SCADA: _____

Any signs of Leakage Yes () No ()

Comments:

Inspection Made By: _____

WTP Monthly Inspection Report

Date: _____

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 () Actiflo 2 Good () Fair () Poor ()
 Condition of Weirs? Actiflo 1 Good () Fair () Poor () Actiflo 2 Good () Fair () Poor ()
 Contact Tank 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: _____

HYDEN-LESLIE COUNTY WATER DISTRICT

**Response to Commission Staff's Request for Information Dated July 18, 2019
Case No. 2019-00041**

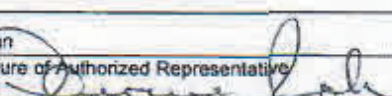
Question No. 3

Responding Witness: L.J. Turner

- Q-3. Provide a copy of the utility's most recent loan application to the United States Department of Agriculture-Rural Development.**
- A-3. Hyden-Leslie County Water District's most recent application to Rural Development for funding is attached to this response.

**APPLICATION FOR
FEDERAL ASSISTANCE**

Version 7/03

1. TYPE OF SUBMISSION: Application		2. DATE SUBMITTED May 10, 2018	Applicant Identifier 14014
<input checked="" type="checkbox"/> Construction	<input type="checkbox"/> Pre-application	3. DATE RECEIVED BY STATE	State Application Identifier
<input type="checkbox"/> Non-Construction	<input type="checkbox"/> Construction	4. DATE RECEIVED BY FEDERAL AGENCY	Federal Identifier
<input type="checkbox"/> Non-Construction	<input type="checkbox"/> Non-Construction		
5. APPLICANT INFORMATION			
Legal Name: Hyden - Leslie County Water District		Organizational Unit: Department: Special District	
Organizational DUNS: 026914060		Division:	
Address: Street: P.O. Box 906 356 Wendover Road		Name and telephone number of person to be contacted on matters involving this application (give area code)	
City: Hyden		Prefix:	First Name: Larry
County: Leslie		Middle Name J.	
State: Kentucky		Last Name Turner	
Zip Code 41749	Suffix:		
Country: United States		Email: hlwater@tds.net	
6. EMPLOYER IDENTIFICATION NUMBER (EIN): 61-0705511		Phone Number (give area code) 606-672-2791	Fax Number (give area code) 606-672-7510
8. TYPE OF APPLICATION: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision If Revision, enter appropriate letter(s) in box(es) (See back of form for description of letters.) Other (specify) <input type="checkbox"/> <input type="checkbox"/>		7. TYPE OF APPLICANT: (See back of form for Application Types) Special District Other (specify)	
10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: TITLE (Name of Program): <input type="checkbox"/> - <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		9. NAME OF FEDERAL AGENCY: USDA - Rural Development & ARC	
12. AREAS AFFECTED BY PROJECT (Cities, Counties, States, etc.): Leslie and Clay		11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: Water Treatment Plant Dam Repair and Water System Improvements	
13. PROPOSED PROJECT Start Date: August 1, 2018 Ending Date: August 1, 2019		14. CONGRESSIONAL DISTRICTS OF: a. Applicant 5th b. Project 5th	
15. ESTIMATED FUNDING:		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?	
a. Federal	\$ 3,148,000 ⁰⁰	a. Yes. <input checked="" type="checkbox"/> THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON DATE: May 10, 2018	
b. Applicant	\$ ⁰⁰	b. No. <input type="checkbox"/> PROGRAM IS NOT COVERED BY E. O. 12372	
c. State	\$ 573,000 ⁰⁰	<input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW	
d. Local	\$ ⁰⁰	17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?	
e. Other CDBG Grant	\$ 900,000 ⁰⁰	<input type="checkbox"/> Yes if "Yes" attach an explanation. <input type="checkbox"/> No	
f. Program Income	\$ ⁰⁰		
g. TOTAL	\$ 4,621,000 ⁰⁰		
18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT. THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.			
a. Authorized Representative			
Prefix	First Name Augustus	Middle Name	
Last Name Roberts		Suffix	
b. Title Chairman		c. Telephone Number (give area code) 606-672-2791	
d. Signature of Authorized Representative 		e. Date Signed May 10, 2018	

BUDGET INFORMATION - Construction Programs

NOTE: Certain Federal assistance programs require additional computations to arrive at the Federal share of project costs eligible for participation. If such is the case, you will be notified.

COST CLASSIFICATION	a. Total Cost		b. Costs Not Allowable for Participation		c. Total Allowable Costs (Columns a-b)	
	\$		\$		\$	
1. Administrative and legal expenses	\$	110,000	\$		\$	110,000 0.00
2. Land, structures, rights-of-way, appraisals, etc.	\$	15,000	\$		\$	15,000 0.00
3. Relocation expenses and payments	\$		\$		\$	0.00
4. Architectural and engineering fees	\$	266,000	\$		\$	266,000 0.00
5. Other architectural and engineering fees	\$	60,000	\$		\$	60,000 0.00
6. Project inspection fees	\$	157,000	\$		\$	157,000 0.00
7. Site work	\$		\$		\$	0.00
8. Demolition and removal	\$		\$		\$	0.00
9. Construction	\$	364,800	\$		\$	364,800 0.00
10. Equipment	\$		\$		\$	0.00
11. Miscellaneous	\$		\$		\$	0.00
12. SUBTOTAL (sum of lines 1-11)	\$	425,600 0.00	\$	0.00	\$	425,600 0.00
13. Contingencies	\$	36,500	\$		\$	36,500 0.00
14. SUBTOTAL	\$	0.00	\$	0.00	\$	0.00
15. Project (program) income	\$		\$		\$	0.00
16. TOTAL PROJECT COSTS (subtract #15 from #14)	\$	462,100 0.00	\$	0.00	\$	462,100 0.00
FEDERAL FUNDING						
17. Federal assistance requested, calculate as follows: (Consult Federal agency for Federal percentage share.) Enter the resulting Federal share.			Enter eligible costs from line 16c Multiply X		100	%
	\$	462,100	\$	0.00	\$	462,100 0.00

INSTRUCTIONS FOR THE SF-424

Public reporting burden for this collection of information is estimated to average 45 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0043), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

This is a standard form used by applicants as a required face sheet for pre-applications and applications submitted for Federal assistance. It will be used by Federal agencies to obtain applicant certification that States which have established a review and comment procedure in response to Executive Order 12372 and have selected the program to be included in their process, have been given an opportunity to review the applicant's submission.

Item:	Entry:	Item:	Entry:
1.	Select Type of Submission.	11.	Enter a brief descriptive title of the project. If more than one program is involved, you should append an explanation on a separate sheet. If appropriate (e.g., construction or real property projects), attach a map showing project location. For preapplications, use a separate sheet to provide a summary description of this project.
2.	Date application submitted to Federal agency (or State if applicable) and applicant's control number (if applicable).	12.	List only the largest political entities affected (e.g., State, counties, cities).
3.	State use only (if applicable).	13.	Enter the proposed start date and end date of the project.
4.	Enter Date Received by Federal Agency Federal identifier number: If this application is a continuation or revision to an existing award, enter the present Federal Identifier number. If for a new project, leave blank.	14.	List the applicant's Congressional District and any District(s) affected by the program or project
5.	Enter legal name of applicant, name of primary organizational unit (including division, if applicable), which will undertake the assistance activity, enter the organization's DUNS number (received from Dun and Bradstreet), enter the complete address of the applicant (including country), and name, telephone number, e-mail and fax of the person to contact on matters related to this application.	15.	Amount requested or to be contributed during the first funding/budget period by each contributor. Value of in kind contributions should be included on appropriate lines as applicable. If the action will result in a dollar change to an existing award, indicate only the amount of the change. For decreases, enclose the amounts in parentheses. If both basic and supplemental amounts are included, show breakdown on an attached sheet. For multiple program funding, use totals and show breakdown using same categories as item 15.
6.	Enter Employer Identification Number (EIN) as assigned by the Internal Revenue Service.	16.	Applicants should contact the State Single Point of Contact (SPOC) for Federal Executive Order 12372 to determine whether the application is subject to the State intergovernmental review process.
7.	Select the appropriate letter in the space provided. A. State B. County C. Municipal D. Township E. Interstate F. Intermunicipal G. Special District H. Independent School District I. State Controlled Institution of Higher Learning J. Private University K. Indian Tribe L. Individual M. Profit Organization N. Other (Specify) O. Not for Profit Organization	17.	This question applies to the applicant organization, not the person who signs as the authorized representative. Categories of debt include delinquent audit disallowances, loans and taxes.
8.	Select the type from the following list: • "New" means a new assistance award. • "Continuation" means an extension for an additional funding/budget period for a project with a projected completion date. • "Revision" means any change in the Federal Government's financial obligation or contingent liability from an existing obligation. If a revision enter the appropriate letter: A. Increase Award B. Decrease Award C. Increase Duration D. Decrease Duration	18.	To be signed by the authorized representative of the applicant. A copy of the governing body's authorization for you to sign this application as official representative must be on file in the applicant's office. (Certain Federal agencies may require that this authorization be submitted as part of the application.)
9.	Name of Federal agency from which assistance is being requested with this application.		
10.	Use the Catalog of Federal Domestic Assistance number and title of the program under which assistance is requested.		

ASSURANCES - CONSTRUCTION PROGRAMS

OMB Approval No. 4040-0009
Expiration Date 04/30/2008

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0042), Washington, DC 20503.

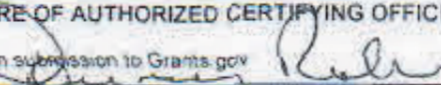
PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the Awarding Agency. Further, certain Federal assistance awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure non-discrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progressive reports and such other information as may be required by the assistance awarding agency or State.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
8. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards of merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statutes relating to non-discrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.

11. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal and federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
12. Will comply with the provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333) regarding labor standards for federally-assisted construction subagreements.
14. Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
19. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

<p>* SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL</p> <p>Completed on submission to Grants.gov </p>	<p>* TITLE</p> <p>CHAIRMAN</p>
<p>* APPLICANT ORGANIZATION</p> <p>HYDEN - LESLIE COUNTY WATER DISTRICT</p>	<p>* DATE SUBMITTED</p> <p>Completed on submission to Grants.gov MAY 10, 2018</p>

HYDEN - LESLIE COUNTY WATER DISTRICT Phase III - PROJECT COST ESTIMATE WATER SYSTEM IMPROVEMENTS - WX 21131002							
ITEM NO.	ITEM DESCRIPTION	UNIT QUANTITY	UNIT COST	TOTAL COST	AML PERCENTAGE	AML PORTION	
1	EXISTING DAM REPAIR SHEET PILING	1 LS	\$400,000.00	\$400,000.00	17.00%	\$68,000.00	
2	EXISTING DAM REPAIR ADDITIONAL CONCRETE WORK	1 LS	\$400,000.00	\$400,000.00	17.00%	\$68,000.00	
3	INSTALL VFD'S AT HIGH SERVICE PUMPS AT THE PLANT	1 LS	\$50,000.00	\$50,000.00	17.00%	\$8,500.00	
4	INTSALL COVER AND INSTALL PIPING AT DRYING BEDS	1 LS	\$50,000.00	\$50,000.00	17.00%	\$8,500.00	
5	REPAIR 1 MGD DOLLAR STORE TANK	1 LS	\$50,000.00	\$50,000.00	17.00%	\$8,500.00	
6	REPAIR SPUR TANK	1 LS	\$10,000.00	\$10,000.00	17.00%	\$1,700.00	
7	REPLACE WOLFE CREEK PUMP STATION	1 LS	\$125,000.00	\$125,000.00	50.00%	\$62,500.00	
8	REPLACE HURRICANE CREEK PUMP STATION	1 LS	\$175,000.00	\$175,000.00	25.00%	\$43,750.00	
9	REPLACE 100 GPM ESSIE WATER BOOSTER STATION	1 LS	\$175,000.00	\$175,000.00			
10	REPLACE 25 GPM WILDER WATER BOOSTER STATION	1 LS	\$75,000.00	\$75,000.00			
11	REPLACE 25 GPM HONEYSUCKLE LANE WATER BOOSTER STATION	1 LS	\$75,000.00	\$75,000.00			
12	REPLACE 25 GPM GLADY BRANCH WATER BOOSTER STATION	1 LS	\$75,000.00	\$75,000.00			
13	REPLACE 220 GPM MUNCY CREEK WATER BOOSTER STATION	1 LS	\$125,000.00	\$125,000.00			
14	PHILLIPS FORK WATERLINE EXTENSION (6.63 MILES 4" w.l.)	6.63 MILES	\$100,000.00	\$663,000.00			
15	YEADDISS WATERLINE EXTENSION (4 MILES 4" w.l.)	4 MILES	\$100,000.00	\$400,000.00			
16	SAMS BRANCH WATERLINE EXTENSION (1 MILE 3" w.l.)	1 MILES	\$75,000.00	\$75,000.00			
17	HEAD OF CUTSHIN WATERLINE EXTENSION (1 MILE 3" w.l.)	1 MILES	\$75,000.00	\$75,000.00			
18	STINNETT WENDOVER ROAD WATERLINE EXTENSION (1 MILE 4" W.L)	1 MILES	\$100,000.00	\$100,000.00			
19	200,000 gallon ground storage tank	1 LS	\$350,000.00	\$350,000.00			
20	INSTALL NEW WATER BOOSTER MIDDLEFORK	1 LS	\$75,000.00	\$75,000.00			
21	INSTALL NEW WATER BOOSTER NEBRASKA LANE	1 LS	\$125,000.00	\$125,000.00			
**Estimated Water System Improvements Construction Cost				\$3,648,000.00		\$269,450.00	
Total Estimated Construction Cost				\$3,648,000.00		\$269,450.00	
*** Waterline estimated cost includes tap fees and 100 ft of service line paid for by AML or CST							
				CDBG Administrative Expenses	\$50,000.00	17.00%	\$8,500.00
				Land and Right of Way	\$7,500.00		
				Right of way Acquisition	\$7,500.00		
				Interest During Construction	\$30,000.00		
				Legal Expenses	\$30,000.00	17.00%	\$5,100.00
				Planning/Preliminary Eng	\$10,000.00	17.00%	\$1,700.00
				Engineering Design @ 7.013%	\$256,000.00	17.00%	\$43,520.00
				Engineering Fees During Construction	\$0.00	17.00%	\$0.00
				Engineering Inspection @ 3.81%	\$157,000.00	17.00%	\$26,690.00
				Additional Engineering		17.00%	\$0.00
				Environmental	\$10,000.00		
				Geotechnical	\$15,000.00		
				Surveying	\$10,000.00		
				Permits	\$10,000.00		
				PSC assistance	\$5,000.00		
				Easements/deeds	\$10,000.00		
				Contingency	\$365,000.00	17.00%	\$62,050.00
Total estimated project cost				\$4,621,000.00		\$417,010.00	
PROPOSED PROJECT FUNDING							
				AML GRANT	\$323,000.00		
				COAL SEVERANCE GRANT	\$250,000.00		
				CDBG GRANT	\$900,000.00		
				RD GRANT	\$1,324,000.00		
				ARC GRANT	\$500,000.00		
				RD LOAN	\$1,324,000.00		
TOTAL PROJECT FUNDING				\$4,621,000.00			