

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ELECTRONIC APPLICATION SOUTHERN WATER  
& SEWER DISTRICT METER REPLACEMENT  
SURCHARGE MONITORING  
CASE NO. 2020-121

SOUTHERN'S RESPONSE TO PSC'S  
INITIAL REQUEST FOR INFORMATION

Come now Southern Water & Sewer District, by and through counsel, and for its Response to the PSC's December 18, 2020 Request for Information states as follows:

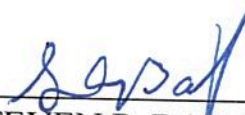
1. State whether Southern District has selected the master meters that it requests to purchase.
  - a. ANSWER: Southern has selected three "Brands" that are compatible with the system and our radio read/telemetry technology.
2. If master meters have been selected, explain how Southern District made the selection, such as whether a request for purchase (RFP) was issued.
  - a. ANSWER: Refer to #1. Quotes were obtained from the three vendors for the selected brands. These quotes have since expired and new quotes will be requested.
3. If an RFP was issued, provide written evaluations and bid tabulations sheets that ranked meter vendor proposals for the master meter RFP and a details explanation for the vendor selection.
  - a. ANSWER: An official RFP was not issued, a request for pricing was requested from the vendors.
4. If master meters have been selected, identify the vendor, type of meter, estimated cost and projected timeline.

- a. ANSWER: Upon receipt of updated quotes from vendors, the District will select the vendor, meter type, meter cost and provide a projected timeline and related documentation to the PSC.
5. If master meters have been selected, explain whether the cost exceeds the balance in the meter surcharge account and, if so, how Southern District proposes to pay for the master meters.
  - a. ANSWER: The balance in the meter surcharge as of 12/31/20 is \$18,728.84. Cost of master meters (10 of them) with installation will exceed said balance. Southern District does not intend to use the meter surcharge account but instead use the remaining funds from the CoBank Loan. Said CoBank loan balance is \$134,472.87 as of 12/31/20.
6. State whether Southern District intends to apply for a Certificate of Public Convenience and Necessity for the master meters, and if so, provide the estimated date that Southern District will file the CPCN application.
  - a. ANSWER: Southern District does not intend to apply for a CPCN unless it is required to do so.
7. Provide a status update for the approximately \$1.5 million grant from Abandoned Mine Lands funds, including any amounts received by Southern District and how the funds were expended.
  - a. ANSWER: Please see attachment #1 from Eric Ratliff, Project Administrator.
8. Provide a status update for the approximately \$250,000 grant for the Estill Bottom Project in Wayland, KY, including any amounts received by Southern District and how the funds were expended.

- a. ANSWER: Please see attachment #2 from Brenda Powers, Project Administrator.
9. State whether Southern District received any other grants or loans for infrastructure improvements, including any amounts awarded or received by Southern District and how the funds were expended.
- a. ANSWER: Currently no other grants have been received by the District. Southern is actively seeking grants or other funding as applicable.
10. Provide monthly water loss reports for calendar years 2019 and 2020.
- a. ANSWER: See attachment #3.

This response is true and accurate to the best of my knowledge, information and belief formed after a reasonable inquiry.

Respectfully Submitted,

  
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STEVEN P. BAILEY, JD/MBA  
Attorney for Southern Water  
Bailey Law Office, P.S.C.  
Attorney At Law  
181 East Court Street  
Prestonsburg, Kentucky 41653  
Phone: (606) 263-4913

## Project Status Report

**Grant Recipient Name:** Southern Water and Sewer District

**Project Name:** Wayland to Lackey Waterline Replacement AML Pilot Project

**Principal Investigator/Project Manager:** Eric Ratliff

**Date Submitted:** December 29, 2020

**Reporting Period:** 10/01/2020 – 12/31/2020

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### **Accomplishments, publicity, news:**

(Provide an update on project activities, any publicity on the project, including links to articles)

SWSD advertised for Request for Qualification Statements from qualified engineering firms for the design, contract administration and inspection of the project. SWSD received six (6) Statement of Qualifications for qualified engineers; representatives of the District reviewed, scored each firm based on their respective submittal and chose Environmental Design Consultants, Inc to provide the services identified in the RFQ.

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### **Performance outcome data metrics:**

(Provide updates on specific activity targets, project timelines and/or metrics from the grant agreement)

Environmental Design has completed 50% of the basic design of the project. The anticipated date for completion of the design phase is the January 29, 2021. Plans and specifications will be submitted to DOW for review upon completion.

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### **Problems, issues, variances from the plan:**

(Provide updates on any problems with project activities, timelines and any variances from the original work plan)

No problems, issues, variances from the original plan.

ATTACHMENT #2

**Grondall Potter**

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**From:** Brenda Powers <Brenda.Powers@BigSandy.Org>  
**Sent:** Thursday, January 14, 2021 11:39 AM  
**To:** Grondall Potter  
**Subject:** Estill bottom

The Estill Bottom Project has been through the Clearinghouse process. Environmental Review process began in December. Favorable responses have been received by federal agencies, and waiting to hear from the US Corps of Engineers who says we are #6 in queue for review. All evidentiary materials have been submitted to Dept. For Local Government with exception of environmental. We expect clearance and a release of funds possibly by the end of February at which time we will advertise the project for bids.

Sent from my iPhone

# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility: Southern Water and Sewer District

For the Month of: October Year: 2020

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED AND PURCHASED</b>	
2	Water Produced	53,500
3	Water Purchased	24,403
4	<b>TOTAL PRODUCED AND PURCHASED</b>	<b>77,903</b>
5		
6	<b>WATER SALES</b>	
7	Residential	21,909
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	1,987
12	Public Authorities	
13	Other Sales (explain)	
14	<b>TOTAL WATER SALES</b>	<b>23,896</b>
15		
16	<b>OTHER WATER USED</b>	
17	Utility and/or Water Treatment Plant	1,605
18	Wastewater Plant	12
19	System Flushing	540
20	Fire Department	7
21	Other Usage (explain)	
22	<b>TOTAL OTHER WATER USED</b>	<b>2,164</b>
23		
24	<b>WATER LOSS</b>	
25	Tank Overflows	30
26	Line Breaks	2,307
27	Line Leaks	46,461
28	Excavation Damages	
29	Theft	
30	Other Loss (explain) <u>Mink Br. Tank Leak</u>	648
31	<b>TOTAL WATER LOSS</b>	<b>49,446</b>
32		
33	<b>Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4</b>	<b>DOES NOT EQUAL</b>
34		
35	<b>WATER LOSS PERCENTAGE</b>	
36	(Line 31 divided by Line 4)	63.47%



# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility:

For the Month of:  Year:

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED, PURCHASED &amp; DISTRIBUTED</b>	
2	Water Produced	
3	Water Purchased	51,150,000
4	<b>TOTAL PRODUCED AND PURCHASED</b>	<b>13,510,000</b>
5		<b>64,660,000</b>
6	<b>WATER SALES</b>	
7	Residential	
8	Commercial	19,355,000
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Other Sales	1,377,000
13	<b>TOTAL WATER SALES</b>	<b>20,732,000</b> 32.1%
14		
15	<b>OTHER WATER USED</b>	
16	Utility and/or Water Treatment Plant	
17	Wastewater Plant	975,000
18	System Flushing	
19	Fire Department	1,000,000
20	Other	62,196
21	<b>TOTAL OTHER WATER USED</b>	<b>2,037,196</b> 3.2%
22		
23	<b>WATER LOSS</b>	
24	Tank Overflows	
25	Line Breaks	30,000
26	Line Leaks	4,200,000
27	Other	37,660,804
28	<b>TOTAL LINE LOSS</b>	<b>41,890,804</b> 64.8%
29		
30	Note: Line 13 + Line 21 + Line 28 Must Equal Line 4	
31		
32	<b>WATER LOSS PERCENTAGE</b>	
33	Unaccounted-For Water (Line 28 divided by Line 4)	<b>64.8%</b>

# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility:

For the Month of:  Year:

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED, PURCHASED &amp; DISTRIBUTED</b>	
2	Water Produced	42,740,000
3	Water Purchased	11,006,300
4	<b>TOTAL PRODUCED AND PURCHASED</b>	<b>53,746,300</b>
5		
6	<b>WATER SALES</b>	
7	Residential	17,494,000
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	1,476,000
12	Other Sales	
13	<b>TOTAL WATER SALES</b>	<b>18,970,000</b> 35.3%
14		
15	<b>OTHER WATER USED</b>	
16	Utility and/or Water Treatment Plant	1,330,000
17	Wastewater Plant	
18	System Flushing	1,600,000
19	Fire Department	75,000
20	Other <u>state hwy dept</u>	2,000
21	<b>TOTAL OTHER WATER USED</b>	<b>3,007,000</b> 5.6%
22		
23	<b>WATER LOSS</b>	
24	Tank Overflows	145,000
25	Line Breaks	2,750,000
26	Line Leaks	28,874,300
27	Other	
28	<b>TOTAL LINE LOSS</b>	<b>31,769,300</b> 59.1%
29		
30	Note: Line 13 + Line 21 + Line 28 Must Equal Line 4	
31		
32	<b>WATER LOSS PERCENTAGE</b>	
33	Unaccounted-For Water (Line 28 divided by Line 4)	<b>59.1%</b>



# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility:

For the Month of:  Year:

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED, PURCHASED &amp; DISTRIBUTED</b>	
2	Water Produced	45,204,000
3	Water Purchased	12,716,000
4	<b>TOTAL PRODUCED AND PURCHASED</b>	<b>57,920,000</b>
5	<b>WATER SALES</b>	
7	Residential	21,924,910
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	1,476,000
12	Other Sales	
13	<b>TOTAL WATER SALES</b>	<b>23,400,910</b> 40.4%
14	<b>OTHER WATER USED</b>	
16	Utility and/or Water Treatment Plant	1,190,000
17	Wastewater Plant	
18	System Flushing	1,200,000
19	Fire Department	87,500
20	Other <u>state hwy dept</u>	3,500
21	<b>TOTAL OTHER WATER USED</b>	<b>2,481,000</b> 4.3%
22	<b>WATER LOSS</b>	
24	Tank Overflows	658,000
25	Line Breaks	2,200,000
26	Line Leaks	29,180,090
27	Other	
28	<b>TOTAL LINE LOSS</b>	<b>32,038,090</b> 55.3%
30	Note: Line 13 + Line 21 + Line 28 Must Equal Line 4	
31		
32	<b>WATER LOSS PERCENTAGE</b>	
33	Unaccounted-For Water (Line 28 divided by Line 4)	<b>55.3%</b>

# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility:

For the Month of:  Year:

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED, PURCHASED &amp; DISTRIBUTED</b>	
2	Water Produced	47,420,000
3	Water Purchased	13,781,000
4	<b>TOTAL PRODUCED AND PURCHASED</b>	<b>61,201,000</b>
5		
6	<b>WATER SALES</b>	
7	Residential	22,940,000
8	Commercial	
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	1,022,000
12	Other Sales	
13	<b>TOTAL WATER SALES</b>	<b>23,962,000</b> 39.2%
14		
15	<b>OTHER WATER USED</b>	
16	Utility and/or Water Treatment Plant	1,450,000
17	Wastewater Plant	
18	System Flushing	1,500,000
19	Fire Department	98,500
20	Other <u>Hwy dept., Mt Ent.</u>	25,000
21	<b>TOTAL OTHER WATER USED</b>	<b>3,073,500</b> 5.0%
22		
23	<b>WATER LOSS</b>	
24	Tank Overflows	50,000
25	Line Breaks	950,000
26	Line Leaks	33,165,500
27	Other	
28	<b>TOTAL LINE LOSS</b>	<b>34,165,500</b> 55.8%
29		
30	Note: Line 13 + Line 21 + Line 28 Must Equal Line 4	
31		
32	<b>WATER LOSS PERCENTAGE</b>	
33	Unaccounted-For Water (Line 28 divided by Line 4)	<b>55.8%</b>