



# BRIAN CUMBO

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ADMITTED IN KY AND WV

February 28, 2023

Public Service Commission  
P.O. Box 615  
Frankfort, KY 40602

RE: Martin County Water District  
PSC Case No. 2020-00154

To Whom It May Concern:

Enclosed please find Martin County Water District's Notice of Filing the information packet for the February 28, 2023 Board meeting.

Thank you for your attention to this matter.

Very truly yours,

BRIAN CUMBO

BC/ld

Enclosure

cc: Martin County Water District  
Hon. Mary Varson Cromer

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ELECTRONIC MARTIN COUNTY WATER )  
DISTRICT MANAGEMENT AND OPERATION )  
MONITORING PURSUANT TO KRS 278.250 )

CASE NO. 2020-00154

**NOTICE OF FILING**

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Comes the Martin County Water District, by counsel, and hereby gives Notice of Filing of the attached information packet for the Martin District monthly Board meeting scheduled for February 28, 2023.



\_\_\_\_\_  
BRIAN CUMBO  
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WATER DISTRICT  
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**CERTIFICATE OF SERVICE**

This will certify that a true and correct copy of the foregoing was served via electronic filing on this the 28th day of February, 2023, to the following:

Public Service Commission  
ATTN: Nancy Vinsel  
P.O. Box 615  
Frankfort, KY 40602

Hon. Mary Varson Cromer  
Appalachian Citizens' Law Center, Inc.  
317 Main Street  
Whitesburg, KY 41858

  
BRIAN CUMBO

**Martin County Water District**  
**387 E. Main St.**

Phone (606) 298-3885      Inez, Kentucky 41224

**Regular Meeting, Tuesday, February 28, 2023 – 6:00 p.m.**  
**Martin County Government Center (2<sup>nd</sup> Floor)**

- 1) Call the meeting to order
- 2) Review and Consideration to Approve Minutes
- 3) Review and Consideration of Financial Reports
  - A. Review and Consideration to Approve Treasurer's Report
  - B. Review and Consideration to Approve Other Financials
- 4) Review and Consideration to Approve Bills
- 5) Legal
  - A. Any Issues for Discussion with Board Attorney
- 6) Operations
  - A. Alliance Operations Report
  - B. Water Loss Report
  - C. Leak Adjustments
- 7) Capital Projects Report
  - A. Project Updates
- 8) Other Old Business
  - A. One-Call System
- 9) Other New Business
  - A. Regulatory Reports
- 10) Consider Motion to Convene into Closed Executive Session
- 11) Consider Motion to Close Executive Session
- 12) Introduction of Guest-Five (5) Minute Maximum
- 13) Adjourn

Notice is hereby given that, subject to a motion duly made and adopted, the Board of Directors may hold an Executive Session subject to the laws of Kentucky.

**Martin County Water District  
Regular Meeting of the Board of Directors  
January 24, 2023, Meeting Minutes**

**Presiding:** James Kerr, Chairman  
**Present:** Directors: John Hensley, Nina McCoy, Greg Crum, BJ Slone  
Staff: Brian Cumbo (Attorney), Craig Miller (GM), Jon Ridings, (LM),  
Cassandra Moore  
**Guests:** Ed Daniels, Doug Blackburn, Lowell Dove

The Regular Meeting of the Martin County Water District was held on January 24, 2023, at the Martin County Government Center, at 42 East Main St (2<sup>nd</sup> Floor), Inez, Kentucky 41224. Mr. Kerr called the meeting to order at 6:00 p.m.

**Mr. Kerr called for review of the December 20, 2022, Special Board Meeting minutes.**

- Nina McCoy stated that she didn't like how the minutes were written. She wants "After further review and discussion" removed
- Mr. Miller advised we can remove that line and make the minutes more to her liking
- Mr. Hensley motioned to accept the December 20, 2022 minutes with the removal of "After further review and discussion in the next meeting minutes"
- Mr. Crum seconded
- All ayes
- Motion carried.

**Mr. Kerr requested discussion of the review and consideration of the Financial Reports.**

- Mr. Miller detailed each report as submitted
- Mr. Slone motioned to approve the Treasurer's report submitted
- Mrs. McCoy seconded
- All ayes
- Motion carried
- Mr. Miller presented Other Financials
- Mr. Hensley motioned to approve Other Financials
- Mr. Slone seconded
- All ayes
- Motion carried.

**Mr. Kerr called for review and consideration to Approve Bills.**

- Nina McCoy asked if the Consolidated Pipe invoices were for one month?
- Mr. Miller advised these were old invoices that the District just received after reaching out to Consolidated Pipe
- Mr. Crum motioned to approve the List of Bills
- Mr. Slone seconded
- All ayes
- Motion carried.

**Mr. Kerr asked if there were any legal issues to discuss.**

- Mr. Cumbo stated he had no legal issues at this time.

**Mr. Kerr called for review of the Operations Report.**

- Staff has completed the last Elijah Streams payment for customers. The program assisted one hundred sixty-nine (169) customers.
- Tom Alley will remain as WTP Supervisor until June 31<sup>st</sup>, 2023. This will allow for additional training with new operator trainees. Mr. Alley will help with SOP's and functions of the plant.
- A new operator was hired to fill one WTP Operator Trainee position.
- Mr. Ridings will be accepting a new position in Missouri.
- During the freeze in December 2022 staff worked ten (10) to eleven (11) days straight and sixteen (16) hour shifts.
- Nina McCoy asked if the leak on Turkey where the road is broken is supposed to be fixed.
- Mr. Miller advised he knew it was on the state road guardrail project but didn't have a timeline of when it would be fixed. It was state funded, but he didn't know when the road department was going to fix it. Some of those funds had been diverted because of the disasters over the last year.
- Mr. Kerr commended crews for their work during the freeze. They worked hard and recovered quickly.
- Mr. Kerr stated he would be meeting with Nina McCoy and Mr. Miller soon to discuss on what happened and how to react the next time it should happen.
- Mr. Kerr congratulated Mr. Ridings on his recent promotion.
- Staff repaired an old repair that blew out on Turkey. It was a 14" main held by a wrap.
- Staff repaired many mains including a 2" main on Spence Br, 6" main on Tomahawk in two different locations, the 8" main at Main Street by the Community Center, 8" main on Main Street by the Business Development Center, 4" main at Jarrett's Trailer Park, 8" main on Beauty Rd, 14" main transmission line on Turkey Creek, 2" main at Inez Elementary, 4" main on Milo, 6" main on 645, and a 4" main on Hode Rd. Removed a hydrant connection due to leak on Buck Creek Mountain,

and responded to a busted fire suppression on Davella and Warfield. Staff repaired over twenty-one (21) service lines, replaced over twenty-five (25) meters, located and resolved twenty (20) customer side leaks, and leak detected extensively.

**Mr. Miller presented an update of the water loss report.**

- Water loss was reported at **79.20%** for the month of December 2022.
- Water loss was reported at **73.24%** for the annual year of 2022.
- Raw water flow meter numbers were used for this report due to the new production meter installed by Pace being out of calibration. Flow calibration issues were confirmed by a third party. This month's flow numbers are not consistent with the rest of the years partially because of this

**Mr. Miller presented the Board with the December Leak Adjustments.**

- Mr. Slone motioned to approve the December Leak Adjustments
- Mr. Crum seconded
- All ayes
- Motion carried

**Mr. Miller presented an update on the capital projects report.**

- The generator is in place
- Still waiting on the transfer switch
- Scada work has been completed
- Working on meter issue at plant
- The contractors performed the following major items of work since the quarterly meeting of December 7<sup>th</sup>, 2022
  - Painted mud valves and bridge
  - Mounted panels
  - Pulled wire
  - Sandblasted bottom of walkway on Unit 2
  - Installed handrail
  - Welded leaks on Unit 1 underdrain (there were some serious leaks on the underdrain)
  - Ran tests on welds
  - Painted Unit 2 walkway
  - Painted underdrain welds
  - Rubbed generator pad concrete edges
  - Wired chemical feed pump
  - Ran conduit for annunciator panel
- Still items to be completed before the final inspection and signature of completion will be signed
- Mr. Kerr asked if the clarifier being down changes our treatment process?

- Mr. Miller answered that it could change our treatment process some since that clarifier is a lot smaller. It's the same style and type, so It will not change our chemical process majorly. May have to make adjustments on mixer speed and sludge blanket. The primary intent is to take down the other clarifiers when they may have issue or need cleaned properly.
- Nina McCoy mentioned that the information in the packet was from Bell's meeting and wanted to know why the one point five (1.5) million wasn't on there? Said she thought it should be added for the Warfield project.
- Mr. Miller advised he would speak with Stephen Caudill about having it added to their packet
- Nina McCoy asked if the county had paid for the High School check valve that was promised?
- Mr. Kerr said it was promised but hasn't been paid for yet. Mr. Kerr said he was having weekly meetings with the new Deputy Judge and would inquire at the next meeting about the High School valve
- The Warfield project should go to bid this quarter for the Collins Creek water line
- The goal is to replace all the lines and meters on Collins Creek
- If they can't replace all the lines in Warfield, then they have to at least put in multiple valves to section Warfield off
- Nona McCoy asked if the new lines were extended into the Lovely area
- Mr. Miller said the new lines do not go down past Collins Creek. The primary section is first Collins Creek and then Warfield. The new line that was put in starts on the other side of the railroad bridge.

**Mr. Kerr inquired if there was any Other Old Business to discuss.**

- Staff presented the Board with a memo about the One Call now system offered through OnSolve
- It's been a big concern for Nina McCoy and the Concerned Citizens/Water Warrior's
- Mr. Kerr read the memo stating that "OnSolve is web-based, so there's not hardware or software to install or update. OnSolve can create an unlimited number of contacts and subgroups. This will allow staff to send emergency and any other time-sensitive alerts to customers
- OnSolve is based on the amount of credits purchased
- One call/text equals one credit
- A quote was provided for ten thousand (10,000) credits costing twelve hundred dollars (\$1,200) annually.
- Credits not used can be rolled over to the next year
- Mr. Kerr is going to meet with the county and the school system about their one-call system
- No motion
- Board agreed to table decision until Mr. Kerr could meet with the county about their one call systems



**Mr. Kerr inquired if there was any Other New Business to discuss.**

- Staff presented the Board with the Equipment Lease Agreement approved by the Board on March 9<sup>th</sup>, 2018 as prepared by Cumbo Law Office
- In searching for the original signed copy, staff was unable to locate the original signed document
- Mr. Slone asked if the date on the agreement should be changed to January 24, 2023
- Per Mr. Cumbo, he advised the agreement should reflect the original date
- Official signed copy will be filed with Cumbo Law Office, and extra copy will be filed at the District Billing Office
- Nina McCoy asked why it was only one (1) dollar since the water district was “flushed” and the sanitation is not
- Because the District received a USDA loan to pay for those items, Mr. Miller advised he didn't know the legality of selling those to the Water District or how the Board would go about selling them. The water district owns nothing.
- Mr. Crum motioned to approve the Equipment Lease Agreement and make it official and right
- Mr. Hensley seconded
- All ayes.
- Motion carried.

**Executive session not required.**

**Mr. Kerr inquired if there were any guest requesting to speak.**

- Before guest spoke, Mr. Kerr advised that he has spoken to Adam Rice about some funding that would be available here shortly
- Forms must be in by February 1<sup>st</sup>, 2023
- Mr. Miller will forward copies of projects needed
- Nina McCoy said on the last project meeting she asked Bell Engineering about the fact that there was a CIP plan in there, but it was not funded by the AML. She asked how much it would cost. They advised for a simple plan (which is what the District has now) a range of ten thousand (**\$10,000**) up to six (**6**) figures. She asked where we wanted to place these items on the repair plan. She's wondering if money does become available what goes first and the next
- Mr. Miller advised the CIP plan for now was in the following order: 40 E Water Line Replacement, Turkey Water Line Replacement, Coldwater Line Replacement, Old Rt. 3 Line Replacement, and then the Turkey Storage Tank Replacement
- Mr. Miller stated that the mixer he was referring to has been completely rehabbed
- Nina McCoy asked if we get the money could some of our workers do the jobs to save us funding

- Mr. Miller and Mr. Hensley advised that when you get federal grant money you have federal provisions you must follow. When you have federal or state projects, you're always going to have to bid those out and have contractors and engineers working them. They are also paid based on a Federal Prevailing Wage Scale
- The District uses Big Sandy Area Development District to handle all funds and grants so there will be no questions asked where the money goes and whom too
- Ed Daniels commented on "Nina McCoy says three times that why don't you put it on TV, why wouldn't you want to think about that?" "Do we not want the publicity?" "What is it?"
- Mr. Kerr stated that every time something happens Martin County always ends up being the "poster child". For workers in the field, they feel like it's a blast on them and their work. They feel attacked by all of it
- Ed Daniels asked, "why we don't fire back when negative comments are blasted at us?"
- Mr. Kerr answered that "they don't like to post that stuff; they don't report the positive."
- Mr. Kerr is going to sit down with other Board Members and come up with an SOP about how to handle these types of situations. He advised that other areas including Winchester, Atlanta Georgia, and other areas. We even reach out to Mountain Water about getting water from them and they advised they couldn't provide us any because they were low also. Kermit was out as well
- Ed Daniels asked if the work they did at the business center the past weekend was finished?
- Mr. Miller advised it was not finished; it was already in the work to be completed
- Ed Daniels said, "not everyone has phones, computers, or Wi-fi so he thinks Nina McCoy's idea of TV is a real good idea".
- Mr. Hensley spoke about how some people might be like him and not have regular TV or local channels. He streams everything
- Mr. Kerr advised again that it would be something they will talk about during their meeting and the making of the SOP
- Mr. Miller agreed that "communication is definitely important, and he mostly certainly wants our customers to know what's going on. He has no doubt whatsoever that in the past three (3) years, you have twice the amount of communication you have ever had before. He would also argue that also sometimes more communication is not better. Sometimes too much communication can cause just as much harm as not enough. You have to be careful, there is a fine line
- Ed Daniels asked Mr. Miller if he had a timeline of when you will work on the sidewalk at the business center?
- Mr. Miller advised they are hoping to have it done hopefully next week weather permitting. However, it will be finished and correct when they finish it
- Doug Blackburn asked what the school system used when they didn't have school?
- Mr. Kerr advised they had a robo-call system as well, and he was going to check with them and gather information as well

- Doug Blackburn asked what kind of meters we were buying? If we were buying the kind like Johnson County?
- Mr. Miller advised we were buying Mueller Radio Read meters, he didn't know what kind Johnson County were buying
- Doug Blackburn said Johnson County bought from Citco as well and Mr. Miller advised we don't purchase our meters from Citco
- Doug Blackburn said he called Citco and asked him how much for thirty-five hundred (**3500**) meters and they told him it would be six hundred thousand (**600,000**) for the meters and two hundred thousand (**200,000**) to put them in
- Mr. Kerr advised Mr. Blackburn to that contract and project would go out for bid when the time comes. If they want to bid on the project, they were more to welcome to bid
- Mr. Kerr advised if we had our own money then we probably could do a project for that price, but where it will be grant funded, we have to follow all policies and project regulations
- Doug Blackburn said it wasn't rocket science to put in a meter
- Mr. Miller advised that he "thought" if you used federal money/grants you "may" have to use a state or federal approved contractor, but he wasn't 100% sure
- Doug Blackburn said he didn't agree with that. The federal government waste more money than anyone. He's talking for the county
- Doug Blackburn once again asked about the 1 million loan and how that was going to be paid back?
- Mr. Kerr advised that they would be paid back by the DSS surcharge added by the PSC. All those funds are going into an account right now and sitting until time to start payments. Once payments begin, the DSS will be used strictly for that
- Doug Blackburn asked why we don't use the Kermit tap in line from across the river for customers in Warfield/Lovely area when we have issues
- Mr. Hensley and Mr. Crum informed that the line was broken, and that connection is under the Tug River. It's not an easy fix
- Doug Blackburn said he knows we're learning. Whatever we have done in the "big cities", we're learning what we have here now. If we have a valve on a line in between a meter and we turn the valve off and that meter is still spinning, then you have leak somewhere on that line
- Doug Blackburn asked why we were not using valves?
- Mr. Kerr advised that we don't have enough valves in our system, that's why we're trying to get more installed
- Doug Blackburn said if you turn a valve and there's a leak it will be "screaming." That's common sense
- Doug Blackburn asked if the mixer is working?
- Mr. Miller stated that it was a clarifier. That's the project they're working on now.
- Doug Blackburn said the mixer is what mix's the chemicals
- Mr. Ridings stated we have a flash mixer for our chemicals
- Lowell Dove said he noticed that Mr. Miller said, "Mountain Water didn't have any water to supply." So, he wants to know why did 292 have some water? "Why did he lie and say Mountain Water didn't have any?"

- Mr. Kerr informed that they didn't lie. Mountain water didn't have water for the first couple of days to help supply us.
- Lowell Dove asked why we keep wanting to buy "meters, meters, meters" when we need to replace lines. "All he sees reliable from Alliance right now is the bill coming every month."
- Mr. Kerr again advised this is all items on which we are working. These are all the projects we have in place. During the freeze we had issues over the Tomahawk area, but because we didn't have enough pressure to push the water over to the Warfield/Lovely area those customers were without as well. We have to shut things off. That's the point of trying to get more valves
- Lowell Dove asked, "if we couldn't sustain water during the freeze, why was the car wash still running?"
- Mr. Kerr spoke about how they were unaware of the car wash operating, but once they found out and was notified, they called the company and asked them if they cared to stop using the service until they could get the system stabilized and back up and running. The company graciously agreed and closed the service until we could call them back with a startup time. They gladly collaborated with us.
- Lowell Dove said he wouldn't drink this water if someone paid him too
- Mr. Kerr stated that the District has not failed a test in a few years now
- Lowell Dove said sometimes when he turns on his water it's a milky color
- Mr. Miller stated it was most likely air in the lines
- Lowell Dove stated "he didn't believe Mr. Miller because he was a liar. He lied about Mountain Water not being able to supply us with water."
- Mr. Kerr again stated "no one lied. Mountain Water couldn't supply us with water for the first few days of the freeze, because they didn't have the water either. After a couple of days, they called us and said they could help now."
- Nina McCoy asked if we have tried to get state grants?
- Mr. Kerr said he has reach out to everyone possible and would continue to do so
- Mr. Hensley mentioned possibly adding a grant or project to get the Kermit connection fixed and re-connected.
- Mr. Miller advised he would check into it
- Lowell Dove asked about the possible connection to a non-used campground on Evans Hill
- Mr. Kerr and Mr. Miller stated that that would be a county question
- Lowell Dove said it made no sense to him since we didn't have reliable drinking water here
- Mr. Miller advised that they would not be connecting water to that area, and no one had discussed that with him recently

**Mr. Kerr requested a motion to adjourn.**

- Mr. Hensley motioned to adjourn meeting at 7:47 p.m.
- Mr. Slone seconded
- All ayes
- Motion Carried

Minutes approved this \_\_\_\_\_ day of \_\_\_\_\_, 2023.

\_\_\_\_\_  
James Kerr, Chairman

\_\_\_\_\_  
Cassandra Moore, District Clerk

**Martin County Water District**  
**Balance Sheet**  
**January 31, 2023**

01/31/23

**ASSETS**

**CURRENT ASSETS**

Checking Account - Operations	\$	127,210.29
Revenue Fund - EFT		9,357.85
Debt Service Surcharge Fund		62,246.28
Management Infrastructure Surcharge Fund		1,000.21
Security Deposits		94,950.26
Cash on Hand		900.00
<b>Total Cash</b>		<b>295,664.89</b>
Accounts Receivable		330,458.47
Allowance for Doubtful Accounts		(32,338.78)
Unbilled Accounts Receivable		71,820.00
Inventory		2,948.14
Prepaid Expenses		16,145.43
<b>Total Current Assets</b>		<b>684,698.15</b>

**PROPERTY, PLANT, & EQUIPMENT**

Land	214,713.83
Water Supply & Distribution System	28,389,343.02
Buildings	500,263.89
Equipment & Furniture	6,355,341.06
Vehicles	138,773.45
Leased Assets	33,934.71
Less: Accumulated Depreciation	(18,554,902.25)
<b>Net Property, Plant, &amp; Equipment</b>	<b>17,077,467.71</b>

**RESTRICTED CASH**

Grant Fund	63.07
Sinking Fund - RD	15,060.62
Regions Sinking Fund	18,865.47
KIA Sinking Fund	11,534.07
KACO Sinking Fund	10,162.13
Depreciation Fund	1,022.26
Cost of Issuance Fund 2022	2,098.00
Certificate Fund - 2022 Debt Svc	36,904.23
Revenue Fund - 2022	3,393.51
Accrued Interest Receivable	211.00
<b>Total Restricted Cash</b>	<b>99,314.36</b>

**OTHER ASSETS**

Deferred Outflows of Resources Related to Pensions	134,959.00
<b>Total Other Assets</b>	<b>134,959.00</b>

<b>Total Assets</b>	<b>\$ 17,996,439.22</b>
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**Martin County Water District**  
**Balance Sheet**  
**January 31, 2023**

01/31/23

**LIABILITIES AND DISTRICT'S EQUITY**

**CURRENT LIABILITIES**

Accounts Payable	\$	254,188.65
Sales Tax Payable		2,368.99
School Tax Payable		7,210.69
Long Term Debt-Current		69,845.14
Accrued Interest Payable		4,697.66
Customer Deposits		92,143.23
<b>Total Current Liabilities</b>		<b>430,454.36</b>

**LONG-TERM DEBT**

Lease Liability - Rent		25,240.09
Note Payable - KIA		278,672.70
Lease Payable - KACO		41,221.96
Bonds Payable - 2015 E Current Refunding		1,585,000.00
Bonds Premium - 2015 E, Net of A/Amort		16,544.37
Bonds Payable - 2022 B		1,110,000.00
Bonds Premium - 2022 B, Net of A/Amort		3,951.75
Less Current Portion of L-Term Debt		(69,845.14)
Net Pension Liability		1,080,845.00
Other Inflow Resources - Pension		480,553.00
<b>Total Long-Term Debt</b>		<b>4,552,183.73</b>

**Total Liabilities**

**4,982,638.09**

**DISTRICT'S EQUITY**

Retained Earnings (Deficit)		13,025,270.20
YTD Net Income		(11,469.07)
<b>Total District's Equity</b>		<b>13,013,801.13</b>

**Total Liabilities and District's Equity**

**\$ 17,996,439.22**

**Martin County Water District**  
**Statement of Revenues and Expenses**  
**Fiscal Year Jan 01 to Dec 31**  
**For the Month Ending**  
**Actual vs Budget**

January, 2023			YTD		
Actual	Budget		Actual	Budget	Annual Budget
		<b>Operating Revenues</b>			
\$ 198,092	\$ 175,833	Water Sales - Residential	\$ 198,092	\$ 175,833	\$ 2,110,000
32,971	29,167	Water Sales - Commercial	32,971	29,167	350,000
6,418	10,000	Water Sales - Public Authorities	6,418	10,000	120,000
-	4	Bulk Water Sales	-	4	50
3,000	2,437	Connection Fees - Tap	3,000	2,437	29,246
6,358	4,583	Late Charge Fees	6,358	4,583	55,000
1,612	2,650	Reconnect/Meter Sets/Other Fees	1,612	2,650	31,801
8,741	8,917	Debt Service Surcharge	8,741	8,917	107,000
15,687	15,839	Management Infrastructure Surcharge	15,687	15,839	190,070
<b>272,879</b>	<b>249,430</b>	<b>Total Operating Revenues</b>	<b>272,879</b>	<b>249,430</b>	<b>2,993,167</b>
		<b>Operating Expenses</b>			
7,521	7,500	Water Purchased	7,521	7,500	90,000
168,507	168,507	Management & Operations Contract	168,507	168,507	2,022,084
24,547	27,917	Utilities	24,547	27,917	335,000
2,187	2,500	Insurance	2,187	2,500	30,000
1,000	5,000	Repairs & Maintenance	1,000	5,000	60,000
47	250	Outside Services	47	250	3,000
1,038	800	Legal Expenses	1,038	800	9,600
-	-	Accounting/Audit	-	-	8,000
4,167	4,167	Bad Debts	4,167	4,167	50,000
-	-	Bond Trustee Fees	-	-	500
385	270	Dues	385	270	3,235
533	228	Office Expense	533	228	2,732
843	833	Rent Expense	843	833	10,000
93	125	KY 811 Services	93	125	1,500
103	54	Miscellaneous Expenses	103	54	652
3	4	Customer Deposit Interest Expense	3	4	53
<b>210,973</b>	<b>218,155</b>	<b>Total Operating Expenses</b>	<b>210,973</b>	<b>218,155</b>	<b>2,626,356</b>
<b>61,906</b>	<b>31,275</b>	<b>Net Income B/4 Other Income (Expenses)</b>	<b>61,906</b>	<b>31,275</b>	<b>366,811</b>
		<b>Other Income (Expenses)</b>			
251	-	Interest Income	251	-	-
(9,018)	(8,333)	Interest Expense	(9,018)	(8,333)	(100,000)
392	63	Amortization	392	63	753
(65,000)	(65,000)	Depreciation	(65,000)	(65,000)	(780,000)
<b>(73,375)</b>	<b>(73,270)</b>	<b>Total Other Income (Expenses)</b>	<b>(73,375)</b>	<b>(73,270)</b>	<b>(879,247)</b>
<b>\$ (11,469)</b>	<b>\$ (41,995)</b>	<b>Net Income (Loss)</b>	<b>\$ (11,469)</b>	<b>\$ (41,995)</b>	<b>\$ (512,436)</b>



**Martin County Water District  
Inez, KY**

**Treasury Report**

<hr/>		
<b>Billing Charges For the Month of:</b>	<b>Jan-23</b>	
Water Revenue		\$ 198,092.12
Water Revenue-Commercial		32,971.01
Water Revenue-Commercial Exempt		6,417.84
Late Charges		6,357.57
Sales Taxes		2,368.99
Debt Service Surcharge		8,741.00
School Tax		7,210.69
Management Infrastructure Surcharge		15,687.18
Returned Check		1,496.20
Interest on Customer Deposits		(2.70)
Connection Fees		3,000.00
Other Miscellaneous Fees		1,612.18
Deposits Applied		(360.00)
Refund Checks Paid		206.51
<b>Total Billing Charges</b>		<u><u>\$ 283,798.59</u></u>
<b>Gallons Billed</b>		<u><u>14,906,070</u></u>
<b>Customers Billed</b>		<u><u>3,383</u></u>
<hr/>		
<b>Accounts Receivable</b>	<b>Jan-23</b>	
Beginning Balance		376,496.92
Billing Charges		283,798.59
Bad Debt (Write Offs) Recoveries		(33,772.24)
Accounts Receivable Collections		(296,875.55)
<b>End of Month Accounts Receivable</b>		<u><u>329,647.72</u></u>
<hr/>		
<b>Operations Account</b>		
Beginning Balance		\$ 104,454.10
Deposits		
Accounts Receivable Collections		296,875.55
Accounts Receivable Collections - Pmts in EFT Revenue Account		(109,681.80)
Sewer Billing Collections in Water Bank Acct - Due to MCS		65,552.88
Customer Deposits Received		1,870.00
Transfers from Other District Accts		111,200.00
<b>Total Deposits</b>		<u><u>365,816.63</u></u>
Disbursements:		
Checks Written		(181,096.03)
Pmts made to Sanitation for A/R Collections		(67,608.67)
Transfers to Other District Accts		(40,066.68)
Auto Drafted Utilities		(45,170.01)
Sales and School Tax Payments		(8,251.61)
Returned Checks		(822.44)
Bank Fees		(45.00)
<b>End of Month Balance</b>		<u><u>\$ 127,210.29</u></u>
<hr/>		
Cash Receipts Collected To Date in:	<b>Feb-23</b>	251,334.76
Bills Submitted for Payment in:	<b>Feb-23</b>	(255,448.66)
<b>Available Balance</b>		<u><u>123,096.39</u></u>

**Martin County Water District  
Inez, KY  
Treasury Report  
Summary of Cash & Investments  
January 31, 2023**

<b>Bank Account</b>	<b>Beginning Balance</b>	<b>Deposits</b>	<b>Interest Earned, Net of Fees</b>	<b>Payments</b>	<b>Ending Balance</b>
Operations Account	\$ 104,454.10	365,816.63	-	(343,060.44)	\$ 127,210.29
Revenue EFT Account	12,284.69	109,625.24	-	(112,552.08)	9,357.85
Debt Service Surcharge	54,631.48	7,613.28	1.52		62,246.28
Management Infrastructure Surcharge	9,865.48	13,663.40	0.21	(22,528.88)	1,000.21
Security Deposits	94,162.72	990.00	4.05	(206.51)	94,950.26
Cash on Hand	900.00	-	-	-	900.00
<b>Total Unrestricted Cash</b>	<u>276,298.47</u>	<u>497,708.55</u>	<u>5.78</u>	<u>(478,347.91)</u>	<b>295,664.89</b>
<b>Restricted Cash</b>					
ARC Grant	63.07		-	-	63.07
Rockhouse Project	14,710.93	10,800.00	-	(10,450.31)	15,060.62
Regions Bank-KY 2015E Martin County	99,542.22	10,450.31	304.82	(91,431.88)	18,865.47
KIA Bond & Interest	11,401.75	5,800.00	0.16	(5,667.84)	11,534.07
KY Assoc of Counties Leasing Trust	9,198.63	1,200.00	0.17	(236.67)	10,162.13
Depreciation Reserve	1,022.24	-	0.02	-	1,022.26
Cost of Issuance Fund 2022	2,098.00		-	-	2,098.00
Certificate Fund - 2022 Debt Svc	54,762.50		179.23	(18,037.50)	36,904.23
Revenue Fund - 2022	3,382.44	-	11.07	-	3,393.51
<b>Total Restricted Cash</b>	<u>196,181.78</u>	<u>28,250.31</u>	<u>495.47</u>	<u>(125,824.20)</u>	<b>99,103.36</b>
<b>Total Cash &amp; Investments</b>	<u>\$ 472,480.25</u>	<u>525,958.86</u>	<u>501.25</u>	<u>(604,172.11)</u>	<b>\$ 394,768.25</b>

**Martin County Water District  
Billing Summary**

Date	Billed		Gallons (000'S)	Billed # of Customers	Payments Received
	Revenue	YTD Total			
Jan-23	240,484	240,484	14,906	3,383	296,876
Dec-22	217,251	2,595,436	12,429	3,374	226,327
Nov-22	213,516	2,378,186	12,064	3,389	232,620
Oct-22	199,884	2,164,670	10,420	3,400	256,624
Sep-22	232,922	1,964,786	13,890	3,417	262,588
Aug-22	217,328	1,731,864	12,413	3,402	263,138
Jul-22	226,961	1,514,536	13,381	3,410	254,075
Jun-22	219,810	1,287,575	12,580	3,409	255,445
May-22	227,120	1,067,765	13,264	3,408	228,491
Apr-22	217,383	840,645	12,472	3,400	326,456
Mar-22	217,996	623,262	12,399	3,384	235,719
Feb-22	199,134	405,267	12,437	3,429	229,472
Jan-22	206,132	206,132	13,531	3,495	214,062

## Martin County Water District

*Net Income on a Cash Basis ( Snapshot ) EXCLUDES DEPRECIATION (format Revised 28 July 20)*

	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23
<b>REVENUE</b>													
Customer Count	3,495	3,429	3,384	3,400	3,408	3,409	3,410	3,402	3,417	3,400	3,389	3,374	3,383
Payments Received	\$214,062	\$229,472	\$235,719	\$326,456	\$228,491	\$255,445	\$254,075	\$263,138	\$262,588	\$256,624	\$232,620	\$226,327	\$296,876
<b>EXPENSES</b>													
Operations Account	\$222,835	\$213,904	\$244,970	\$216,261	\$240,937	\$217,721	\$225,553	\$257,280	\$248,588	\$239,724	\$237,314	\$271,600	\$241,785
Transfers for debt serv funding	\$17,800	\$17,800	\$17,800	\$17,800	\$17,800	\$17,800	\$17,800	\$17,800	\$17,800	\$17,800	\$17,800	\$17,800	\$17,800
Payment Plans	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
DSS EXP/ (FUNDING)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
MIS EXP / (FUNDING)													
Sub total	\$240,635	\$231,704	\$262,770	\$234,061	\$258,737	\$235,521	\$243,353	\$275,080	\$266,388	\$257,524	\$255,114	\$289,400	\$259,585
<b>NET INCOME</b>													
<b>Cash Basis</b>	<b>-\$26,573</b>	<b>-\$2,232</b>	<b>-\$27,051</b>	<b>\$92,395</b>	<b>-\$30,246</b>	<b>\$19,924</b>	<b>\$10,722</b>	<b>-\$11,942</b>	<b>-\$3,800</b>	<b>-\$900</b>	<b>-\$22,494</b>	<b>-\$63,073</b>	<b>\$37,291</b>

**Notes:**

- 1: Payments Received are those received for the full month
- 2: Expenses are those planned and presented in the Board Packet for the referenced month, excluding estimated transfer to MIS
- 3: Payment Plans are payments towards outstanding debt not funded by DSS
- 4: Operations Account Includes the estimated DSS and MIS transfers
- 5: MIS EXP estimated funds applied to AWR Invoice (An Operations Account Expense) estimated DSS and MIS transfers
- 6: \$10,000 payment made to Xylem from the Operations account in March 2022.
- 7: \$58,739 payment made to Xylem from the Operations account in May 2022.

**Martin County Water District, Inez KY**  
**List of Bills for Consideration**  
**28-Feb-23**

<u>Vendor</u>	<u>Description</u>	<u>Amount</u>
<b>Operations Account</b>		
1 AEP	Electric (26 bills) Estimated	\$ 21,320.12
2 Big Sandy RECC	Electric (9 bills) Estimated	\$ 2,993.39
3 Paintsville Utilities	Electric for token (12/01/22 to 1/03/23) Estimated	\$ 52.93
4 Martin County Public Library	Rent (Mar)	\$ 982.36
5 Martin County Water District	Sanitation (Jan)	\$ 141.67
6 Sales tax	1/2023 (estimated)	\$ 1,734.09
7 School tax	1/2023 (estimated)	\$ 6,517.52
8 Alliance Water Resources	2/1/23-2/15/23 O&M services	\$ 84,253.50
9 Alliance Water Resources	2/16/23-2/28/23 O&M services	\$ 84,253.50
12 Alliance Water Resources	Insurance Policy Installment (1&2/10)	\$ 3,619.20
13 Walker Communications	Installed Data Switch/ESI	\$ 569.99
14 Management Inf. Surcharge	Estimated (actual collected will be paid)	\$ 13,663.40
15 Debt Service Surcharge	Estimated (actual collected will be paid)	\$ 7,613.28
16 Brian Cumbo	Legal Fees	\$ 1,037.50
17 Prestonsburg City's Utilities	Purchased Water	\$ 7,521.05
18 Kentucky Underground	811 Services (Jan)	\$ 93.00
19 Xylem	Small Pump Repair	\$ 13,497.54
20 Estech Systems	Phone System (Feb)	\$ 220.63
21 NexBillPay	Fees (Jan)	\$ 73.00
22 Consolidate Pipe	Meters/Radios	\$ 2,540.00
23 Consolidate Pipe	Service Charge	\$ 58.39
24 Consolidate Pipe	Meters/Radios	\$ 2,540.00
25 Mountain Water	Purchased Water	\$ 152.60
<b>TOTAL</b>		<b>\$ 255,448.66</b>

**Operations Account - Debt Service Funding**

		<b>Transfer Amounts</b>
1 KIA	Monthly funding for KIA Bond/Loan	\$ 5,800.00
2 KACo	Monthly funding for lease payment	\$ 1,200.00
3 KRW/Regions Bank	Monthly funding for loan	\$ 10,800.00
<b>TOTAL</b>		<b>\$ 17,800.00</b>

**TOTAL OPERATIONS**

**\$ 273,248.66**

**Martin County Water District, Inez KY**  
**List of Bills for Consideration**  
**28-Feb-23**

<u>Vendor</u>	<u>Description</u>	<u>Amount</u>
<b>Security Deposit Account</b>		
<b>Customer</b>		
1 Dallas Damron	Deposit refund due to customer	\$ 16.46
2 Rusty Shalla	Deposit refund due to customer	\$ 37.51
3 Corrine Keene	Deposit refund due to customer	\$ 13.73
4 Robert Smith	Deposit refund due to customer	\$ 0.02
<b>TOTAL</b>		<b>\$ 67.72</b>



## Martin County Water District

### OUR MISSION

*We partner with communities to deliver the finest water and wastewater services available at a competitive price. We are committed to keeping water safe and clean while serving people and taking care of communities with improved technical operations, careful management, and financial oversight, and ensured regulatory compliance.*

Alliance Water Resources, Inc.

206 S. Keene  
St. Columbia,  
MO 65201

(573)874-8080

January 2023

### Administrative

Staff is in the process of learning a new CMMS. This will help staff optimize our maintenance and operations within the district.

### Water Treatment

WTP Operators performed routine backwashing of filters on Clarifiers 1 & 2 to ensure proper filtration. WTP operators also collected bi-weekly bacteriological and fluoride distribution system samples for system monitoring and compliance

Garrett McKinney transitioned from meter reading to WTP Operator Trainee

Calibrated bench turbidimeter (Hach TL2300) to ensure accurate turbidity readings

MicroComm performed initial site visit to booster pump stations and tank locations to identify existing and potential issues and begin making needed upgrades to our telemetry system. A follow up visit for repairs, upgrades and further evaluation is planned for late February

Layne Christensen Company scheduled a visit to the WTP to evaluate scope of work needed to install a new High Service Pump variable frequency drive

Installed new cams, lifters, and rollers in two Stenner peristaltic chemical feed pumps to ensure an adequate number of backup pumps

Pace Construction removed one of their mobile office buildings from the WTP

Installed three new fuses in 40 East booster pump station variable frequency drive for pump 2. It was discovered upon further inspection that there is an actual issue with the VFD. Fuses will be stored for backup and quotes have been compiled for a replacement VFD

Cleaned CL-17 chlorine analyzer tubes and changed buffers to ensure accurate Clearwell chlorine levels

Southern Flow, Inc. manually performed work on the plant SCADA system. After previous loss of SCADA due to brief power outages, the SCADA has

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**Martin County Water District**

remained operational through two brief outages at the WTP.

Bell Engineering installed 4 pressure recorders on hydrants around the Otto Brown booster pump station. The pressures will be utilized to provide data for the Otto Brown booster pump station improvement project in the future

Replaced Post Cl2 Stenner peristaltic pump with a recently rebuilt pump

Changed pump tube and pump tube housing on Pre Cl2 Stenner peristaltic pump for Clarifier 2

Southern Flow, Inc. corrected issues with the plant master meter they recently installed. The effluent flow meter is now reading accurately

Bell Eng. And Leger Elect. evaluated remaining electrical work to be performed at the WTP

Performed monthly maintenance on both Turkey booster station pumps, High Service Pump, and both clarifier mixers and rake

**Distribution:**

Distribution employees performed routine tasks such as assisting with reading meters, completing disconnects and restorations, checking PRVS, and completing service orders.

At the intake, distribution employees pulled the failed loaner pump and set a rental pump. Unfortunately the rental pump did not work as the vendor had said it would. The loaner pump was pulled prior to flooding.

The repair crew repaired an 8" main in Inez, a 2" main on Tipple Rd., a 3" main on Spence Br. They repaired a 6" main on new Rt. 3 by replacing about 30' of 6" main and two 90's. The crew repaired a 4" main on Turkey by replacing approximately 8' of line, a 6" main on Milo, and an 8" main in Inez. The repair crew also repaired twenty five ¾" and four 1" service leaks as well as replacing several meters. They also removed 3 old setters that had been vandalized for possible theft of service.

Distribution crews focused on cleaning up project sites around the district after the deep freeze, as well as cleaning and performing routine maintenance on all vehicles and equipment.

Team members made repairs to the plumbing in the distribution office at the water plant.

In an effort to reduce water loss and improve tank gain, distribution has focused on leak detection on the Turkey and Marcus Wells pressure zones. This includes using the listening device, shutting valves and measuring tank drops, as well as walking creek banks and ditch lines.

Distribution team members assisted Sanitation with the repairs on the Saltwell lift station as well as the force main going to the Inez Wastewater Plant.




  
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**Martin County Water District**

**Safety**

The monthly safety meeting was held on January 24<sup>th</sup> and covered Personal Protective Equipment and Violence in the Workplace

**Training**

WTP Operator Michael Sartin attended a two-day continuing education class in Ashland, Kentucky hosted by Kentucky Rural Water Association

**Customer Service:**

Staff had a customer contact the billing office to thank them for calling about a high usage on their account. Customer ended up having a leak on their account and was very thankful for staff and the way they always call in this situation. Customer appreciated staff being so informative and understanding with all the questions they had.

**Project Updates**

<b>SOURCE</b>	<b>AMOUNT</b>	<b>PROJECTS</b>
AML Pilot Nexus Grant-2017	\$3,450,000	A, B, C, D
COE 531 (25% Match)	\$1,869,718	B, C
ARC Grant	\$1,200,000	F
AML Pilot Nexus Grant-2018	\$2,000,000	I
<b>Total Grant</b>	<b>\$8,519,718</b>	

**Regulatory**

The Martin County Water Treatment Plant performs operational water quality monitoring to ensure compliance with all state, federal safe drinking water act requirements, including chlorine, fluoride, iron, pH, manganese, solids, turbidity, and bacteriological analysis


  
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**Martin County Water District**

**Water Plant Operation**

<b>Water Pumped –JANUARY</b>	
Total Water Production (gallons)	26,104,000
Total Water Metered/Billed (gallons)	14,906,000
Other Water Used (gallons)	783,000
Total Water Loss (gallons)	14,972,000
Portion of TWL due to Main Breaks (gallons)	33,246,000
Average Daily Flow (Million Gallons per Day)	0.842 MGD
Maximum Daily Flow	0.869 MGD
Fluoride Used (lbs.)	446.4 LBS
Chlorine Used (lbs.)	1,439.3 LBS
Lab Tests	3,815

### Water Quality Analysis

Test	Routine	Special	Repeat
Bacteriological	10 (Pass)	8 (Pass)	0
		<b>Reported</b>	<b>Minimum Limit</b>
Fluoride Plant Sample	31	0.80 mg/l Average	0.6 mg/l
Chlorine Distribution Sample	Total-40 Free-40	<b>Low Readings</b> Total - 0.56mg/L Free - 0.41 mg/L	0.2 mg/l

### Customer Service Request and Work Orders

Meter Reads	3341
Meter Sets	26
Turn offs-Close account	28
Taps	1
Meter Changes	41
Disconnects for Non-payment	38
Boil Notices	1
Line Locates	59
Water Leaks/Breaks	31
Other/Investigates	102



### Repair Expenses Ending December 2022

<b>Expended</b>	<b>Actual YTD</b>	<b>Annual Budget</b>	<b>% Budget / Line Item</b>
Bldg. & Grounds Maintenance	\$367	\$7,000	5%
Vehicle Maintenance	\$27,917	\$25,000	112%
Water Plant Maintenance	\$9,406	\$15,000	63%
Distribution System Maintenance	\$148,128	\$90,000	165%
Water Meter Maintenance	\$48,717	\$10,000	487%
Street Maintenance	\$0	\$8,000	0%
<b>Totals</b>	<b>\$234,535</b>	<b>\$155,000</b>	<b>151%</b>

### Chemical Expenses Ending December 2022

<b>Expended</b>	<b>Actual YTD</b>	<b>Annual Budget</b>	<b>% Budget / Line Item</b>
Sodium Bisulfite	\$6,767		
Sodium Hydroxide	\$17,416	\$11,000	158%
Lime/Caustic Soda	\$0	\$30,000	0%
Polymer	\$4,021	\$15,000	27%
Alum (DELPAC)	\$48,951		
Chlorine	\$38,001	\$20,000	190%
Permanganate	\$8,960	\$19,000	47%
Fluoride	\$5,550	\$7,000	79%
Chemicals Other - Water	\$11,448	\$8,000	143%
<b>Totals</b>	<b>\$141,114</b>	<b>\$110,000</b>	<b>128%</b>

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Notes:

- 1) Building & Grounds Maintenance
  - a. \$0.00
  
- 2) Vehicle Maintenance
  - a. Advanced Auto \$254.39
  - b. Advanced Auto \$8.47
  - c. Advanced Auto \$63.06
  - d. Capital Tire \$1,754.21
  - e. Capital Tire \$864.32
  - f. Advanced Auto \$8.47
  - g. Advanced Auto \$31.67
  - h. Advanced Auto \$9.00
  - i. Advanced Auto \$26.22
  - j. Comdata \$0.98
  - k. O'Reilly Auto \$811.99
  - l. Sud's Car Wash \$14.25
  - m. Advance Auto \$37.40
  - n. Advance Auto \$264.17
  - o. Advance Auto \$16.53
  - p. Advance Auto \$26.49
  - q. Advance Auto \$96.44
  - r. Advance Auto \$22.25
  - s. Comdata \$0.52
  - t. O'Reilly Auto (\$24.44)
  - u. Advance Auto \$24.37
  
- 3) Water Plant Maintenance
  - a. \$0.00
  
- 4) Well Maintenance
  - a. \$0.00
  
- 5) Distribution System Maintenance
  - a. Service Pumps \$287.48
  - b. CITCO \$4,127.98
  - c. R&J \$52.98
  - d. Consolidated \$821.37
  - e. Consolidated \$254.40
  - f. R&J \$125.00
  - g. R&J \$40.28
  - h. R&J \$51.39
  - i. Consolidated \$ \$283.94
  - j. Advanced Auto \$21.19
  - k. GENJNL \$1,198.80
  - l. GENJNL \$24.04
  - m. GENJNL \$97.30



## Martin County Water District

- n. GENJNL \$20.55
- o. GENJNL \$839.95
  
- 6) Meter maintenance
  - a. Consolidated Pipe and Supply \$184.27
  - b. Consolidated Pipe and Supply \$184.27
  - c. Consolidated Pipe and Supply \$1,061.17
  
- 7) Collection System Maintenance
  - a. GENJNL (\$1,198.80)
  - b. GENJNL (\$24.04)
  - c. GENJNL (\$97.30)
  - d. GENJNL (\$20.55)
  - e. GENJNL (\$839.95)
  
- 8) Sodium Bisulfite
  - a. CITCO Water \$126.39
  
- 9) Sodium Hydroxide
  - a. \$0.00
  
- 10) Lime/Caustic Soda
  - a. \$0.00
  
- 11) Polymer
  - a. Polymer \$1,094.24
  
- 12) Alum
  - a. Brenntag Mid-South, Inc. \$3,240
  - b. CITCO Water \$2,727.24
  
- 13) Chlorine
  - a. CITCO Water \$1,439.93
  
- 14) Permanganate
  - a. \$0.00
  
- 15) Fluoride
  - a. \$0.00
  
- 16) Chemicals Other – Water
  - a. CITCO Water \$733.67

# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility: Martin County Water District

For the Month of: January Year: 2023

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED AND PURCHASED</b>	
2	Water Produced	26,104
3	Water Purchased	1,883
4	<b>TOTAL PRODUCED AND PURCHASED</b>	<b>27,987</b>
5		
6	<b>WATER SALES</b>	
7	Residential	11,938
8	Commercial	2,968
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	
13	Other Sales (explain)	
14	<b>TOTAL WATER SALES</b>	<b>14,906</b>
15		
16	<b>OTHER WATER USED</b>	
17	Utility and/or Water Treatment Plant	783
18	Wastewater Plant	
19	System Flushing	
20	Fire Department	
21	Other Usage (explain)	
22	<b>TOTAL OTHER WATER USED</b>	<b>783</b>
23		
24	<b>WATER LOSS</b>	
25	Tank Overflows	
26	Line Breaks	
27	Line Leaks	12,298
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	<b>TOTAL WATER LOSS</b>	<b>12,298</b>
32		
33	<b>Note:</b> Line 14 + Line 22 + Line 31 <b>MUST</b> Equal Line 4	
34		
35	<b>WATER LOSS PERCENTAGE</b>	
36	(Line 31 divided by Line 4)	43.94% *

\* Production numbers used for this report were from the new meter installed by Pace. This meter was out of calibration and confirmed by a third party. This month's flow numbers are not consistent with the rest of the year partially because of this. This meter was fixed on FEB 7th, 2023





MEETING AGENDA  
PROGRESS MTG #42  
**MARTIN COUNTY WATER DISTRICT**  
**MARTIN COUNTY, KENTUCKY**  
**February 14, 2023**

**LOCATION:** Via Teams  
**TIME:** 3:30 PM  
**Present:** Announcement of those present

**SUMMARY OF PROJECT FUNDING:**

<u>Source</u>	<u>Amount</u>	<u>Associated Project(s)</u>
AMLER (2017)	\$3,450,000	A,B,C,D
COE 531 Partnership (25% Match)	\$1,869,718	B,C
ARC Grant	\$1,200,000	E
AMLER (2018)	<u>\$2,000,000</u>	G
<b>TOTAL GRANT</b>	<b>\$8,519,718</b>	

**A. CONTRACT 113-19-02**

**RWI&WTP IMPROVEMENTS**

1. The WTP and RWI sites were surveyed.
2. Basins were documented for condition assessment.
3. The Preliminary Engineering Report for the project was completed and distributed.
4. The Phase I Environmental Site Assessment required by the Corps of Engineers was completed and submitted.
5. Vendor proposals for replacement equipment were requested and reviewed.
6. Plans and specifications were developed.
7. Project mapping for NEPA purposes was submitted to AML on February 6, 2020.
8. Project description and Opinion of Probable Construction Costs were submitted to AML on February 17, 2020.
9. Project was submitted for DOW review on March 13, 2020. DOW Construction Permit issued on June 3, 2020.
10. Project was submitted for a COE 4345 Permit Application review on March 20, 2020. Permit was issued on June 8, 2020.
11. The AML Authorization to Proceed was granted on July 31, 2020.
12. The Project was submitted to DOW for a Permit to Construct Along or Across a Stream on April 14, 2020. The DOW requested a public notice be run in the Mountain Citizen newspaper. The notice ran on June 24th, July 1st and July

- 8th. The period for public comments or objections related to the project ran through July 29<sup>th</sup>. The permit was issued on August 13, 2020.
13. Project was submitted to Corps of Engineers for Plan and Specification Review March 20, 2020. Corps provided review comments on April 28, 2020. Final plans and specifications including all electrical and structural components of the project were forwarded to the Corps of Engineers for final review during the week of July 13<sup>th</sup>. The Corps of Engineers completed its review of the final plans / specifications including the opinion of probable cost and certified the package.
  14. The Corps of Engineers advertised the Draft Environmental Assessment (DEA) and Finding of No Significant Impact (FONSI) for the project on August 4, 2020 for the 30-day public comment period. KY SHPO requested further consultation. The FONSI was issued October 29, 2020.
  15. Project was sent out for bidding on November 11, 2020.
  16. A pre-bid meeting for interested contractors was held @ 1:00 p.m. on December 1, 2020.
  17. Bids for the project were originally received on December 15, 2020 at 1:00 p.m. Only one bid was received (submitted by Pace Contracting). The project bid was in excess of the available funds.
  18. The project was rebid.
  19. Bids for the project rebid were opened on April 13<sup>th</sup> at 1:00 p.m. at the office of the Big Sandy Area Development District. There were four plan holders for the rebid. Only one bid was received (submitted by Pace Contracting).
  20. The bid submitted by Pace was \$3,858,387.00.
  21. The base bid of \$3,858,387.00 submitted compares to a base bid of \$3,396,220.00 submitted by Pace in December 2020. The difference was \$462,167.00 between the bids.
  22. The combined base bids for the RWI/WTP Project and Water Line Replacement in the Beauty/Lovely Project exceeded the funds available for construction activities. Given the grave condition of the Raw Water Intake and Water Treatment Plant, the MCWD took the following actions:
    - A. Defer the construction of the Water Line Replacement in the Beauty / Lovely area until a later date and use the funds budgeted for this project for construction of the RWI/WTP Project.
    - B. Continued submitting funding requests in an effort to obtain funding to construct the Water Line Replacement Project in the Beauty / Lovely area as soon as possible.
    - C. Awarded the Raw Water Intake / Water Treatment Plant Project to Pace Contracting based on the base bid received with the deletions outlined in Table 1.

**TABLE 1**

DESCRIPTION	PRIORITY TO ADD BACK	AMOUNT
Base Bid submitted by Pace Contracting, Inc.	N/A	\$3,858,387.00
Delete - Backup Generator	1	\$ (175,000.00)
Delete - Roof Replacement over Garage	2	\$ (31,818.00)
Delete - 60' & 20' Sections of 10-Inch Pipe	3	\$ (11,143.00)
Delete - Cash Allowance for Second Trailer	4	\$ (20,000.00)
Delete - Temporary Piping	N/A	\$ (10,000.00)
Change - Augur Cast Piles to Micro Piles	N/A	\$ (17,000.00)
Change - Buried Conduit from Rigid to PVC	N/A	\$ (20,000.00)
Reduce - Pace Markup	N/A	\$ (50,000.00)
Reduce - Various Unit Price Items	N/A	\$ (50,000.00)
<b>TOTAL AWARD AMOUNT</b>		<b>\$ 3,473,426.00</b>

23. A letter awarding the project to Pace under the conditions outlined in Table 1 and subject to concurrence of all the state and federal agencies was sent to Pace on July 9, 2021.
24. Authorization to Proceed was received from AML on September 1, 2021. The USACE had previously granted approval.
25. Executed contract books and bonds were received from Pace on September 8, 2021.
26. A preconstruction meeting was held on September 22, 2021 at the offices of the Big Sandy Area Development District.
27. Contract books were signed and dated by the Big Sandy Area Development District at the preconstruction meeting.
28. A Notice to Proceed (NTP) was issued at the preconstruction meeting. The contract required the contractor be given ten days from the issuance of the NTP before the contract time started.
29. The Contract time began on October 4, 2021.
30. The contractor has performed the following major items of work since the meeting of January 10<sup>th</sup>:
  - Installed over torque switches.
  - Corrected Flow Meter.
  - Performed Walk-through with Electrical Engineer.
  - Began grouting the concrete to steel wall joint below filters.
31. Major equipment deliveries we are awaiting:
  - Generator Transfer Switch -- Shipping 03/08/23. Anticipate delivery two months later.
  - RWI Pump Trailer - Revisions / changes are in progress.

**B. CONTRACT 113-19-03  
LINE IMPROVEMENTS**

1. Bell was able to locate several sets of As-Built Drawings of the water distribution system. Bell scanned copies of all plan sets and returned to MCWD with digital copies of plan sets for MCWD future use.
2. Bell and MCWD personnel have been in the field multiple times locating existing lines, surveying existing meters, valves and fire hydrants and determining routing of new water lines.
3. Location of features affecting alignment of the waterline have been completed.
4. The Phase I Environmental Site Assessment required by the Corps of Engineers was completed and submitted.
5. Plans and specifications have been developed.
6. Project mapping for NEPA purposes was submitted to AML on February 10, 2020.
7. Project description and Opinion of Probable Construction Costs were submitted to AML on February 17, 2020.
8. Project was submitted for DOW review on March 13, 2020. DOW Construction Permit was issued on April 27, 2020.
9. Project submitted to Corps of Engineers Plan and Specification Review March 20, 2020. Corps provided review comments on April 28, 2020. Bell responded to comments and resubmitted plans/specifications on May 7, 2020. The Corps of Engineers completed its review of the final plans / specifications including the opinion of probable cost and certified the package.
10. Project was submitted to KYTC on April 6, 2020 for review. KYTC Encroachment Permit was issued on May 13, 2020.
11. Submitted to DOW for Permit to Construct Along or Across a Stream April 14, 2020. The permit was issued on June 17, 2020.
12. The AML Authorization to Proceed was granted on July 31, 2020.
13. The Corps of Engineers advertised the Draft Environmental Assessment (DEA) and Finding of No Significant Impact (FONSI) for the project on August 4, 2020 for the 30-day public comment period. KY SHPO requested further consultation. The FONSI was issued October 29, 2020.
14. Project was sent out for bidding on November 11, 2020.
15. A pre-bid meeting for interested contractors was held @ 11:00 a.m. on December 1, 2020.
16. Bids for the project were originally received on December 15, 2020 at 11:00 a.m. Five bids were received.
17. The project was rebid.
18. Bids for the project rebid were opened on March 30, 2021 at 11:00 a.m. at the office of the Big Sandy Area Development District. There were six plan

holders for the rebid. Three bids were received (BP Pipeline, Buchanan Contracting, and Conkurs, LLC).

19. The low bid was submitted by Conhurst with a base bid of \$910,810.00 and a total bid with alternate of \$1,744,066.00.
20. \$1.5M in additional project funding through the Corps of Engineers is now available. Several revisions are being made to the project plans. Anticipate rebidding the project within the next 1-2 months.

### C. WATER SYSTEM CAPITAL IMPROVEMENT PLAN / HYDRAULIC MODELING

1. Document is required by PSC
2. Bell has completed field review of RWI, WTP, Storage Tanks, Pumping Stations and PRV's.
3. Bell & UK met in Martin County on June 21, 2019 to coordinate collection of field data the week of July 8, 2019. This effort was for calibration of the Hydraulic Model.
4. UK professors and 3 students traveled to Martin County on July 8, 2019 to begin effort of collecting field data (pressures and flows) at key points throughout the water distribution system. Bell had a team of four individuals that were to join the UK team on July 10, 2019; however, MCWD had some major line breaks on July 9, 2019 and were unable to recover water supply during the week to allow flowing water from hydrants.
5. The effort to collect flow data was rescheduled for August 6 and 7, 2019, however, on August 5, 2019 MCWD has a failure of a PRV which would not allow the flowing of the hydrants.
6. The collection of the field data was rescheduled and occurred on August 14 and 15, 2019.
7. Field data has been reviewed. UK returned to the field in an effort to repeat two tests for the Hazen Williams coefficient that appeared suspect.
8. Money is in place to pay for the Hydraulic Model through AML 2017 Grant. OSM refused to allow for payment of the CIP through the 2018 Grant. The funds associated with that have been realigned toward additional waterline replacement.
9. UK delivered testing forms to Bell.
10. PRVs, tanks, lines, etc. have been input into the model.
11. Alliance Resources provided usage data and address information for each customer to effectively distribute demand throughout the system.
12. Model was calibrated using field collected data.
13. Bell has been working with UK to coordinate modeling efforts.
14. A Zoom meeting was held between the Kentucky Division of Water, University of Kentucky and Bell on July 1, 2020 to discuss the modeling. A

second Zoom meeting was held on July 7, 2020 between UK and Bell to further discuss items that are needed.

15. Data has been shared between UK and Bell.
16. A trip to obtain additional field data was made in mid-July 2020.
17. The hydraulic model is operational and has been checked against previously recorded field observations. The results being output by the model are consistent with the observations obtained in the field.
18. Bell and UK are sharing model information.

**D. CONTRACT 113-19-04**

**ARC WATERLINE REPLACEMENT PROJECT**

1. Bell received the signed contract on August 2, 2019.
2. Bell and MCWD personnel have been in the field multiple times locating existing lines, surveying existing meters, valves and fire hydrants and determining routing of new water lines.
3. Location of all features affecting alignment of the waterline has been completed including gas lines.
4. Plans and specifications have been developed.
5. Project was submitted for DOW review on March 27, 2020. DOW Construction Permit issued April 27, 2020.
6. Project was submitted to KYTC on April 6, 2020 for review. KYTC Encroachment Permit was issued April 24, 2020.
7. Bids for the project were opened on May 29, 2020. Three bids were received for the project. The low bid in the amount of \$390,725.00 was submitted by Boca Enterprises, Inc.
8. A conversation was held with DLG representative on June 8, 2020 concerning using the remaining funds to continue laying additional mainline & service lines, along with, installing new meters in the Lovely area. ARC approved allowing the funds to be used to replace additional mainline, service line and water meters.
9. Issues were resolved with the Contractor concerning contract time associated with the additional construction activities.
10. The Contract has been executed and the Contractor has submitted the required performance and payment bonds.
11. A preconstruction meeting was held on September 9, 2020 at the offices of Alliance Water Resources.
12. Project construction was completed.
13. Record Drawings have been forwarded to the MCWD. Bell received the final signed Contractor pay request, the release of liens and claims and consent of surety. This information was forwarded on to the District and Big Sandy Area Development District for execution and processing.

14. The project is closed. We are maintaining it on the project list through the warranty period.
15. There is \$85,832 in unspent funds from this project. The District is looking to add telemetry to the KY 292 Pumping Station and KY 292 South Tank with these funds. This will allow the district to monitor tank levels and water usage remotely and respond in a timely manner to breaks in the line. Bell is working on project design now.
16. The ADD is working with DLG to determine if this project will have to be advertised for bidding or if since MicroComm was previously competitively procured, the District can order directly from the Company.

**E. USP BIG SANDY, EASTERN KENTUCKY BUSINESS PARK & BIG SANDY AIRPORT WATER PROJECT**

1. Project budget was revised and sent to AML on September 19, 2019.
2. The Memorandum of Agreement between AML and BSADD was signed by BSADD on September 25<sup>th</sup>. The MOA was signed by AML on October 1, 2019.
3. A contract for engineering services has been executed by the Big Sandy Area Development District.
4. Bell and MCWD personnel went to the field to review potential tank and pump station sites.
5. The Preliminary Engineering Report for the project is complete and has been distributed.
6. Plans have been prepared for the 250,000-gallon water storage tank.
7. Bell, Alliance and MCWD coordinated with the mineral lease holder and the surface owner concerning location of the proposed tank and pump station. BSADD, Bell and Alliance representatives met with the property owner on January 30, 2020.
8. On March 3<sup>rd</sup>, the property owner advised most of the property is permitted with only a phase one bond release.
9. Bell and Alliance met on-site with the property owner on May 5, 2020 and permission to move forward was granted.
10. The site was surveyed on May 27, 2020 and topographic mapping was developed.
11. At the request of the MCWD, work on this project was previously paused.
12. A request was submitted to AML asking that the project scope be revised. Components that would remain in the project include:
  - Upgrade of the existing Davella Pumping Station
  - Construction of a Master Meter
  - Construction of a Booster Chlorination System

Proposed revised scope components:

- Relocate the proposed Pump Station so that it replaces the existing Otto Brown Station. This station is beyond its useful life and subject to confined space constraints.
- Replace existing waterline in the vicinity of the Otto Brown Station that is subject to leaks.
- Provide Modifications to the Middle Fork Tank rather than construct a new tank.

13. The request was approved by OSM.

14. Project design is continuing. Bell has made multiple trips to the field and we to perform surveying and line layout. We have also attached pressure recorders to four different hydrants to monitor pressure in the area for purposes of pump station design. Anticipate project design being complete late next month.

**F. CONTRACT 113-20-02**

**WATER LINE RELOCATION HUNTER'S LANE**

1. Met on-site with Bizzack Construction, Alliance Water Resources and representatives of other utilities on May 28, 2020.
2. A scope of work for the project is being developed.

**G. KY 908 GUARDRAIL PROJECT**

1. Met on-site with KYTC multiple times.
2. KYTC has advised additional funds have been requested to perform this work. They will release the project for design when those funds are approved.

**H. SESTER BRANCH UTILITY RELOCATION**

1. Representatives of KYTC, Alliance, Bell Engineering and the gas company met onsite to discuss the project on January 18<sup>th</sup>. Bell has prepared a preliminary alignment for the work to be performed.
2. Bell is currently preparing a contract for engineering services. Both engineering and construction related costs will be paid by KYTC.



**I. HIGH SCHOOL PUMP STATION CHECK VALVE**

1. Met With Alliance to discuss issues.
2. Preparing plans to add a valve vault and check value to give operations personnel more control over the direction of flow of water from the tank.
3. Project to move forward when funded.

**J. FEMA BACKUP GENERATOR PROJECT**

1. Seeking FEMA funding for a project that includes the following:
  - One Generator to operate 750-HP VFD Controlled RWI Pump
  - Two Generators to operate 60-HP VFD Controlled Pumping Stations
2. On April 25, 2022 Kentucky Emergency Management forwarded a request to the Disaster Implementation Branch, Mitigation Division requesting the project be funded. The total project budget is \$1,320,000 with the federal share being \$990,000 and Kentucky Emergency Management providing \$158,000. The remaining funds would be the responsibility of the Martin County Water District. Bell provided answers to additional questions posed by the funding agency for the project on August 4<sup>th</sup>. We are awaiting further information concerning the project.

**K. SPICY MOUNTAIN WATER EXTENSION**

1. An opinion of probable project cost for delivery of water from the Johnson County side of the Mountain has been prepared.

**L. TURKEY TANK REHABILITATION**

1. Bell has finalized and forwarded an opinion of probable cost to rehabilitate the Turkey Tank. An opinion of probable project cost has been prepared and forwarded to AML for funding consideration.

**M. INEZ UTILITY REPLACEMENT**

1. Met to discuss options for replacing the utilities in Inez. Since the streets will be torn up to replace these utilities, we are attempting to incorporate some economic development components as the streets are built back. These could include wayfinding signs, trails, parks, pavilions and streetscape

improvements. Bell has finalized a contract for preliminary work that will and forwarded it to the Martin County Water District for consideration. The district has forwarded it to the City of Inez and Martin County Fiscal Court for consideration.

**N. 40E WATER IMPROVEMENT PROJECT**

1. Project would remove existing water connections from a waterline that is leaking and move them to a 10" parallel line. The leaking line would then be removed from service. An opinion of probable project cost has been prepared and forwarded to AML for funding consideration.

**O. COLDWATER WATER IMPROVEMENT PROJECT**

1. Project would replace the existing waterline, service line and meters in the Coldwater area. An opinion of probable project cost has been prepared and forwarded to AML for funding consideration.

**P. OLD ROUTE 3 WATER IMPROVEMENT PROJECT**

1. Project would replace the existing waterline, service line and meters in the Old Route 3 area of the county. An opinion of probable project cost has been prepared and forwarded to AML for funding consideration.

**Q. WATER IMPROVEMENT PROJECT BETWEEN WTP AND TURKEY TANK**

1. Project would replace the existing waterline, service line and meters between the WTP and the Turkey Tank. An opinion of probable project cost has been prepared and forwarded to AML for funding consideration.

**R. COUNTYWIDE METER REPLACEMENT PROJECT**

1. Project would replace all meters (residential and commercial) in the Martin County Water District system. An opinion of probable project cost has been prepared and forwarded to AML for funding consideration.

**MARTIN COUNTY WATER & SANITATION DISTRICT**  
**LEAK ADJUSTMENT REQUESTS**  
**2/24/2023**

gate valve on water line busted; repaired

BILLED GALLONS/COST	23,780	269.89	
BILLED GALLONS/COST	10,460	130.17	
AVG GALLONS/BILL	4,000	62.40	
LEAK GALLONS/PURCH COST	19,780	39.56	
LEAK GALLONS/PURCH COST	6,460	12.92	
<b>PAY (avg+leak cost)</b>		101.96	
WRITE OFF (billed-avg-purch cost)		285.18	285.18
LATE PENALTIES TO ADJ		22.25	22.25

broken line under home; repaired

BILLED GALLONS/COST	17,750	206.64	
AVG GALLONS/BILL	3,000	51.91	
LEAK GALLONS/PURCH COST	14,750	29.50	
<b>PAY (avg+leak cost)</b>		81.41	
WRITE OFF (billed-avg-purch cost)		125.23	125.23

toilet leaking; repaired

BILLED GALLONS/COST	11,830	144.54	
AVG GALLONS/BILL	3,000	51.91	
LEAK GALLONS/PURCH COST	8,830	17.66	
<b>PAY (avg+leak cost)</b>		69.57	
WRITE OFF (billed-avg-purch cost)		74.97	74.97

hydrant yard valve broken; replaced

BILLED GALLONS/COST	31,000	345.63	
AVG GALLONS/BILL	3,000	51.91	
LEAK GALLONS/PURCH COST	28,000	56.00	
<b>PAY (avg+leak cost)</b>		107.91	
WRITE OFF (billed-avg-purch cost)		237.72	237.72

check valve busted; replaced

BILLED GALLONS/COST	15,070	178.52	
BILLED GALLONS/COST	6,630	89.99	
AVG GALLONS/BILL	3,000	51.91	
LEAK GALLONS/PURCH COST	12,070	24.14	
LEAK GALLONS/PURCH COST	3,630	7.26	
<b>PAY (avg+leak cost)</b>		76.05	
WRITE OFF (billed-avg-purch cost)		185.20	185.20
LATE PENALTIES TO ADJ		0.00	0.00

water line break; repaired

BILLED GALLONS/COST	12,320	149.68	
AVG GALLONS/BILL	4,000	62.90	
LEAK GALLONS/PURCH COST	8,320	16.64	
<b>PAY (avg+leak cost)</b>		79.54	
WRITE OFF (billed-avg-purch cost)		70.14	85.11
LATE PENALTIES TO ADJ		14.97	
SEWER	12,320	185.84	123.22
SEWER ADJ	4,000	62.62	
SWR PENALTIES TO ADJ		18.58	208.33

toilet leaking; repaired

BILLED GALLONS/COST	15,000	177.79	
BILLED GALLONS/COST	12,000	146.32	
AVG GALLONS/BILL	7,000	93.87	
LEAK GALLONS/PURCH COST	8,000	16.00	
LEAK GALLONS/PURCH COST	5,000	10.00	
<b>PAY (avg+leak cost)</b>		109.87	
<b>PAY (avg+leak cost)</b>		103.87	
WRITE OFF (billed-avg-purch cost)		67.92	
WRITE OFF (billed-avg-purch cost)		42.45	110.37
LATE PENALTIES TO ADJ		23.96	23.96
SEWER	15,000	225.53	118.48
SEWER	12,000	181.10	74.05
SEWER ADJ	7,000	107.05	
SWR PENALTIES TO ADJ		29.95	29.95

broken line; repaired

BILLED GALLONS/COST	9,510	120.20	
AVG GALLONS/BILL	3,000	51.91	
LEAK GALLONS/PURCH COST	6,510	13.02	
<b>PAY (avg+leak cost)</b>		64.93	
WRITE OFF (billed-avg-purch cost)		55.27	55.27

broken water line; repaired

BILLED GALLONS/COST	16,000	188.28	
AVG GALLONS/BILL	2,000	41.42	
LEAK GALLONS/PURCH COST	14,000	28.00	
<b>PAY (avg+leak cost)</b>		69.42	
WRITE OFF (billed-avg-purch cost)		118.86	118.86

broken water line; repaired

BILLED GALLONS/COST	81,720	877.68	
BILLED GALLONS/COST	44,280	484.94	
AVG GALLONS/BILL	3,000	51.91	
LEAK GALLONS/PURCH COST	78,720	157.44	
LEAK GALLONS/PURCH COST	41,280	82.56	

PAY (avg+leak cost)		209.35	
WRITE OFF (billed-avg-purch cost)		1070.71	1,070.71
LATE PENALTIES TO ADJ		87.77	87.77

broken water line under home; repaired

BILLED GALLONS/COST	13,640	163.52	
AVG GALLONS/BILL	2,000	41.42	
LEAK GALLONS/PURCH COST	11,640	23.28	
PAY (avg+leak cost)		64.70	
WRITE OFF (billed-avg-purch cost)		98.82	113.79
LATE PENALTIES TO ADJ		14.97	
SEWER	13,640	205.39	172.39
SEWER ADJ	2,000	33.00	
SWR PENALTIES TO ADJ			286.18

broken water line; repaired

BILLED GALLONS/COST	31,760	353.60	
AVG GALLONS/BILL	4,000	62.40	
LEAK GALLONS/PURCH COST	27,760	55.52	
PAY (avg+leak cost)		117.92	
WRITE OFF (billed-avg-purch cost)		235.68	235.68

washer busted in pool house

BILLED GALLONS/COST	31,330	349.09	
AVG GALLONS/BILL	7,000	93.87	
LEAK GALLONS/PURCH COST	24,330	48.66	
PAY (avg+leak cost)		142.53	
WRITE OFF (billed-avg-purch cost)		206.56	221.53
LATE PENALTIES TO ADJ		14.97	
SEWER	31,330	467.38	360.33
SEWER ADJ	7,000	107.05	
SWR PENALTIES TO ADJ			581.86

pipes froze and burst during winter storm

BILLED GALLONS/COST	9,560	120.72	
AVG GALLONS/BILL	2,000	41.42	
LEAK GALLONS/PURCH COST	7,560	15.12	
PAY (avg+leak cost)		56.54	
WRITE OFF (billed-avg-purch cost)		64.18	64.18
LATE PENALTIES TO ADJ		0.00	
SEWER	9,560	144.96	111.96
SEWER ADJ	2,000	33.00	
SWR PENALTIES TO ADJ			176.14

pipes froze and burst during winter storm

BILLED GALLONS/COST	12,720	153.87	
AVG GALLONS/BILL	3,000	51.91	

LEAK GALLONS/PURCH COST	9,720	19.44	
PAY (avg+leak cost)		71.35	
WRITE OFF (billed-avg-purch cost)		82.52	82.52
LATE PENALTIES TO ADJ		0.00	
SEWER	12,720	191.76	143.95
SEWER ADJ	3,000	47.81	
SWR PENALTIES TO ADJ			226.47

leak in out building commode; repaired

BILLED GALLONS/COST	39,500	434.80	
AVG GALLONS/BILL	4,000	62.40	
LEAK GALLONS/PURCH COST	35,500	71.00	
PAY (avg+leak cost)		133.40	
WRITE OFF (billed-avg-purch cost)		301.40	301.40
LATE PENALTIES TO ADJ		0.00	
SEWER	39,500	588.38	525.76
SEWER ADJ	4,000	62.62	
SWR PENALTIES TO ADJ			827.16

pipes burst during winter storm; repaired

BILLED GALLONS/COST	19,480	224.79	
AVG GALLONS/BILL	4,000	62.40	
LEAK GALLONS/PURCH COST	15,480	30.96	
PAY (avg+leak cost)		93.36	
WRITE OFF (billed-avg-purch cost)		131.43	131.43

pipes burst during winter storm; repaired

BILLED GALLONS/COST	49,980	544.38	
BILLED GALLONS/COST	31,000	345.28	
AVG GALLONS/BILL	8,000	104.36	
LEAK GALLONS/PURCH COST	41,980	83.96	
LEAK GALLONS/PURCH COST	23,000	46.00	
PAY (avg+leak cost)		188.32	
WRITE OFF (billed-avg-purch cost)		655.34	655.34
LATE PENALTIES TO ADJ		0.00	0.00

lines under home froze and burst; repaired

BILLED GALLONS/COST	103,820	1109.51	
AVG GALLONS/BILL	6,000	83.38	
LEAK GALLONS/PURCH COST	97,820	195.64	
PAY (avg+leak cost)		279.02	
WRITE OFF (billed-avg-purch cost)		830.49	830.49
LATE PENALTIES TO ADJ		0.00	
SEWER	103,820	1540.95	1,448.71
SEWER ADJ	6,000	92.24	
SWR PENALTIES TO ADJ			2,279.20

lines under home froze and burst; repaired

BILLED GALLONS/COST	34,440	381.72	
BILLED GALLONS/COST	10,060	125.97	
AVG GALLONS/BILL	2,000	41.42	
LEAK GALLONS/PURCH COST	32,440	64.88	
LEAK GALLONS/PURCH COST	8,060	16.12	
PAY (avg+leak cost)		106.30	
PAY (avg+leak cost)		57.54	
WRITE OFF (billed-avg-purch cost)		275.42	
WRITE OFF (billed-avg-purch cost)		68.43	343.85
LATE PENALTIES TO ADJ		0.00	0.00
SEWER	34,440	513.44	480.44
SEWER	10,060	152.37	119.37
SEWER ADJ	2,000	33.00	
SWR PENALTIES TO ADJ		0.00	0.00
			943.66

commode running continuously; repaired

BILLED GALLONS/COST	14,310	170.55	
BILLED GALLONS/COST	13,410	161.11	
AVG GALLONS/BILL	6,000	83.38	
LEAK GALLONS/PURCH COST	8,310	16.62	
LEAK GALLONS/PURCH COST	7,410	14.82	
PAY (avg+leak cost)		100.00	
WRITE OFF (billed-avg-purch cost)		216.84	216.84
LATE PENALTIES TO ADJ		0.00	0.00

broken fitting on water lines; repaired

BILLED GALLONS/COST	28,830	322.87	
AVG GALLONS/BILL	6,000	83.38	
LEAK GALLONS/PURCH COST	22,830	45.66	
PAY (avg+leak cost)		129.04	
WRITE OFF (billed-avg-purch cost)		193.83	193.83

leak in lines; repaired

BILLED GALLONS/COST	8,330	107.82	
BILLED GALLONS/COST	6,320	86.74	
AVG GALLONS/BILL	2,000	41.42	
LEAK GALLONS/PURCH COST	6,330	12.66	
LEAK GALLONS/PURCH COST	4,320	8.64	
PAY (avg+leak cost)		54.08	
PAY (avg+leak cost)		50.06	
WRITE OFF (billed-avg-purch cost)		53.74	
WRITE OFF (billed-avg-purch cost)		36.68	90.42
LATE PENALTIES TO ADJ		0.00	0.00
SEWER	8,330	126.75	93.75
SEWER	6,320	96.98	63.98
SEWER ADJ	2,000	33.00	

SWR PENALTIES TO ADJ		0.00	0.00
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broken line at bottom of driveway; repaired

BILLED GALLONS/COST	71,970	775.41	
AVG GALLONS/BILL	8,000	104.36	
LEAK GALLONS/PURCH COST	63,970	127.94	
<b>PAY (avg+leak cost)</b>		232.30	
WRITE OFF (billed-avg-purch cost)		543.11	543.11

broken line under home; repaired

BILLED GALLONS/COST	9,400	119.05	
BILLED GALLONS/COST	8,280	103.73	
AVG GALLONS/BILL	3,000	51.91	
LEAK GALLONS/PURCH COST	6,400	12.80	
LEAK GALLONS/PURCH COST	5,280	10.56	
<b>PAY (avg+leak cost)</b>		64.71	
WRITE OFF (billed-avg-purch cost)		147.51	147.51
LATE PENALTIES TO ADJ		0.00	0.00

broken line on customer side of meter; repaired

BILLED GALLONS/COST	4,110	63.55	
AVG GALLONS/BILL	2,000	41.42	
LEAK GALLONS/PURCH COST	2,110	4.22	
<b>PAY (avg+leak cost)</b>		45.64	
WRITE OFF (billed-avg-purch cost)		17.91	17.91

line froze and burst; repaired

BILLED GALLONS/COST	74,230	799.11	
AVG GALLONS/BILL	6,000	83.38	
LEAK GALLONS/PURCH COST	68,230	136.46	
<b>PAY (avg+leak cost)</b>		219.84	
WRITE OFF (billed-avg-purch cost)		579.27	579.27

leak in lines; repaired

BILLED GALLONS/COST	11,100	136.72	
BILLED GALLONS/COST	13,800	165.04	
AVG GALLONS/BILL	2,000	41.42	
LEAK GALLONS/PURCH COST	9,100	18.20	
LEAK GALLONS/PURCH COST	11,800	23.60	
<b>PAY (avg+leak cost)</b>		59.62	
<b>PAY (avg+leak cost)</b>		65.02	
WRITE OFF (billed-avg-purch cost)		77.10	
WRITE OFF (billed-avg-purch cost)		100.02	177.12
LATE PENALTIES TO ADJ		0.00	0.00
SEWER	11,100	167.77	134.77
SEWER	13,800	207.76	174.76
SEWER ADJ	2,000	33.00	



SWR PENALTIES TO ADJ		0.00	0.00
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broken line under home; repaired

BILLED GALLONS/COST	32,240	358.64	
BILLED GALLONS/COST	12,800	154.71	
AVG GALLONS/BILL	4,000	62.40	
LEAK GALLONS/PURCH COST	28,240	56.48	
LEAK GALLONS/PURCH COST	8,800	17.60	
<b>PAY (avg+leak cost)</b>		118.88	
WRITE OFF (billed-avg-purch cost)		376.87	376.87
LATE PENALTIES TO ADJ		0.00	0.00

line froze and burst; repaired

BILLED GALLONS/COST	42,700	468.36	
AVG GALLONS/BILL	2,000	41.42	
LEAK GALLONS/PURCH COST	40,700	81.40	
<b>PAY (avg+leak cost)</b>		122.82	
WRITE OFF (billed-avg-purch cost)		345.54	345.54

line froze and burst; repaired

BILLED GALLONS/COST	9,660	121.77	
AVG GALLONS/BILL	3,000	51.91	
LEAK GALLONS/PURCH COST	6,660	13.32	
<b>PAY (avg+leak cost)</b>		65.23	
WRITE OFF (billed-avg-purch cost)		56.54	56.54

line froze and burst; repaired

BILLED GALLONS/COST	19,000	219.75	
AVG GALLONS/BILL	3,000	51.91	
LEAK GALLONS/PURCH COST	16,000	32.00	
<b>PAY (avg+leak cost)</b>		83.91	
WRITE OFF (billed-avg-purch cost)		135.84	135.84

broken line; repaired

BILLED GALLONS/COST	42,910	470.57	
AVG GALLONS/BILL	3,000	51.91	
LEAK GALLONS/PURCH COST	39,910	79.82	
<b>PAY (avg+leak cost)</b>		131.73	
WRITE OFF (billed-avg-purch cost)		338.84	338.84

commode seal issue; replaced

BILLED GALLONS/COST	10,220	127.65	
AVG GALLONS/BILL	2,000	41.42	
LEAK GALLONS/PURCH COST	8,220	16.44	
<b>PAY (avg+leak cost)</b>		57.86	
WRITE OFF (billed-avg-purch cost)		69.79	69.79
LATE PENALTIES TO ADJ		0.00	

SEWER	10,220	154.74	121.74
SEWER ADJ	2,000	33.00	
SWR PENALTIES TO ADJ			191.53

busted meter; do not hold against customer

BILLED GALLONS/COST	5,300	76.04	
AVG GALLONS/BILL	2,000	41.42	
LEAK GALLONS/PURCH COST	3,300	6.60	
PAY (avg+leak cost)		48.02	
WRITE OFF (billed-avg-purch cost)		28.02	28.02

broken line under home; repaired

BILLED GALLONS/COST	10,620	131.84	
AVG GALLONS/BILL	2,000	41.42	
LEAK GALLONS/PURCH COST	8,620	17.24	
PAY (avg+leak cost)		58.66	
WRITE OFF (billed-avg-purch cost)		73.18	73.18

broken line under home; repaired

BILLED GALLONS/COST	31,240	348.15	
AVG GALLONS/BILL	2,000	41.42	
LEAK GALLONS/PURCH COST	29,240	58.48	
PAY (avg+leak cost)		99.90	
WRITE OFF (billed-avg-purch cost)		248.25	248.25

broken line under home; repaired

BILLED GALLONS/COST	7,840	102.68	
BILLED GALLONS/COST	5,900	82.33	
AVG GALLONS/BILL	3,000	51.91	
LEAK GALLONS/PURCH COST	4,840	9.68	
LEAK GALLONS/PURCH COST	2,900	5.80	
PAY (avg+leak cost)		61.59	
WRITE OFF (billed-avg-purch cost)		117.62	117.62
LATE PENALTIES TO ADJ		0.00	0.00

broken line under home; repaired

BILLED GALLONS/COST	13,380	160.80	
AVG GALLONS/BILL	2,000	41.42	
LEAK GALLONS/PURCH COST	11,380	22.76	
PAY (avg+leak cost)		64.18	
WRITE OFF (billed-avg-purch cost)		96.62	96.62

hot water tank burst; repaired

BILLED GALLONS/COST	4,360	66.18	
BILLED GALLONS/COST	3,610	58.31	
AVG GALLONS/BILL	2,000	41.42	
LEAK GALLONS/PURCH COST	2,360	4.72	

LEAK GALLONS/PURCH COST	1,610	3.22	
PAY (avg+leak cost)		46.14	
WRITE OFF (billed-avg-purch cost)		75.13	75.13
LATE PENALTIES TO ADJ		0.00	0.00

leak was due to a break in and freeze damage

BILLED GALLONS/COST	77,100	829.22	
AVG GALLONS/BILL	6,000	83.38	
LEAK GALLONS/PURCH COST	71,100	142.20	
PAY (avg+leak cost)		225.58	
WRITE OFF (billed-avg-purch cost)		603.64	603.64

broken line under home; repaired

BILLED GALLONS/COST	31,180	347.52	
AVG GALLONS/BILL	5,000	72.89	
LEAK GALLONS/PURCH COST	26,180	52.36	
PAY (avg+leak cost)		125.25	
WRITE OFF (billed-avg-purch cost)		222.27	222.27

broken line under floor; repaired

BILLED GALLONS/COST	50,000	544.94	
AVG GALLONS/BILL	3,000	51.91	
LEAK GALLONS/PURCH COST	47,000	94.00	
PAY (avg+leak cost)		145.91	
WRITE OFF (billed-avg-purch cost)		399.03	399.03
LATE PENALTIES TO ADJ		0.00	
SEWER	50,000	743.88	696.07
SEWER ADJ	3,000	47.81	
SWR PENALTIES TO ADJ			1,095.10

line froze and burst; repaired

BILLED GALLONS/COST	7,540	99.53	
BILLED GALLONS/COST	6,600	89.67	
AVG GALLONS/BILL	3,000	51.91	
LEAK GALLONS/PURCH COST	4,540	9.08	
LEAK GALLONS/PURCH COST	3,600	7.20	
PAY (avg+leak cost)		60.99	
WRITE OFF (billed-avg-purch cost)		121.01	121.01
LATE PENALTIES TO ADJ		0.00	0.00

hot water tank busted; repaired

BILLED GALLONS/COST	38,280	422.00	
BILLED GALLONS/COST	31,960	355.70	
AVG GALLONS/BILL	5,000	72.89	
LEAK GALLONS/PURCH COST	33,280	66.56	
LEAK GALLONS/PURCH COST	26,960	53.92	
PAY (avg+leak cost)		139.45	

WRITE OFF (billed-avg-purch cost)		584.33	584.33
LATE PENALTIES TO ADJ		42.20	42.20
			626.53

hot water tank busted; repaired

BILLED GALLONS/COST	28,000	314.16	
BILLED GALLONS/COST	36,000	398.08	
AVG GALLONS/BILL	5,000	72.89	
LEAK GALLONS/PURCH COST	23,000	46.00	
LEAK GALLONS/PURCH COST	31,000	62.00	
<b>PAY (avg+leak cost)</b>		118.89	
WRITE OFF (billed-avg-purch cost)		531.35	531.35
LATE PENALTIES TO ADJ		64.91	64.91
			596.26

broken line under floor; repaired

BILLED GALLONS/COST	5,260	75.62	
AVG GALLONS/BILL	2,000	41.42	
LEAK GALLONS/PURCH COST	3,260	6.52	
<b>PAY (avg+leak cost)</b>		47.94	
WRITE OFF (billed-avg-purch cost)		27.68	27.68
LATE PENALTIES TO ADJ		0.00	
SEWER	5,260	81.28	48.28
SEWER ADJ	2,000	33.00	
SWR PENALTIES TO ADJ			75.96

broken line during freeze; repaired

BILLED GALLONS/COST	21,510	246.08	
AVG GALLONS/BILL	5,000	72.89	
LEAK GALLONS/PURCH COST	16,510	33.02	
<b>PAY (avg+leak cost)</b>		105.91	
WRITE OFF (billed-avg-purch cost)		140.17	140.17



## **Regulatory Compliance Report**

### **Mark Mahler, Director of Safety & Regulatory Compliance**

Alliance tracks new and proposed legislative and regulatory issues on an ongoing basis on behalf of its clients. This quarterly report identifies some of the most impactful issues at the Federal and State levels.

### **1st Quarter 2023, Federal**

#### **EPA ADVISE UTILITIES ON HOW TO PREPARE FOR POTENTIAL SUPPLY CHAIN INTERRUPTIONS**

In December, EPA shared information on withstanding potential supply chain interruptions. Drinking water and wastewater utilities should anticipate disruptive events and prepare now to avoid impacts to their services. EPA recommends:

1. Review EPA’s resiliency guidelines: which include:
  - Available federal and state resources
  - Tips for effective supplier management and communication
  - How to tap into local partnerships
  - Potential operational flexibilities
2. Contact primary chemical suppliers (discuss the impacts and timelines of known supply chain issues on deliveries).
3. Contact alternate chemical suppliers (discuss their availability if the primary supplier is unable to help).

#### **NEW EPA PFAS GUIDANCE FOR WASTEWATER PERMITS**

In December, EPA published a new guidance document titled “Addressing PFAS Discharges in NPDES Permits and Through the Pretreatment Program and Monitoring Programs,” which has some significant implications for our wastewater clients. EPA identified wastewater discharges as common pathways of introducing PFAS into the environment and discussed the importance of identifying and reducing PFAS discharges at their source. To that end, EPA’s guidance laid out a number of permit conditions that states could impose in order to (1) gather more information about the sources of PFAS among direct and indirect dischargers, and (2) begin reducing PFAS discharges even before EPA has published final limits and water quality criteria.

#### **LEAD & COPPER: WHILE EPA TAKES STATE & LOCAL GOVERNMENT COMMENTS ON UPCOMING LCRI, IT SIGNALS THAT THE RULE WILL BE REISSUED WITH MORE STRINGENT REQUIREMENTS.**

The comment period recently closed on EPA’s Lead and Copper Rule Improvements (LCRI), the rule that will replace most of the Lead and Copper Rule Revisions (LCRR) that became effective in December 2021. Priority areas for regulatory changes include: (1) proactive and equitable lead service line replacement; (2) strengthening compliance tap sampling to better identify communities most at risk of lead in drinking water; and (3) reducing the regulation’s complexity. We understand that EPA intends to reissue the LCR with lower action and trigger levels and increased requirements to replace lead service lines.



## **2023 Regulatory Compliance Report** **Mark Mahler, Director of Safety & Regulatory Compliance**

Alliance tracks new and proposed legislative and regulatory issues on an ongoing basis on behalf of its clients. This quarterly report identifies some of the most impactful issues at the Federal and State levels.

### **1st Quarter 2023, Kentucky**

#### **START OF UCMR 5 SAMPLING**

The Division of Water recently received notification about sampling for the Unregulated Contaminants Monitoring Rule (UCMR 5). Water systems required to sample during 2023 should have been contacted directly by the EPA. The EPA has also released an updated list of laboratories approved to sample for PFAS.

EPA anticipates posting the first set of publicly available UCMR 5 results in mid-2023 and expects to update the results approximately quarterly thereafter. The data summary and results will be available.

#### **NEW SAMPLING PLAN GUIDANCE**

The Compliance and Regulatory Committee of the Drinking Water Advisory Workgroup has worked diligently over the past year to develop guidance for water systems regarding how to best manage sample plans for the distribution system. The resulting Sampling Plan Guidance document provides an overview of regulatory requirements for distribution system sampling and best practices to ensure that water quality in the distribution system is well-monitored, so public water systems can be confident that they are providing water of the highest quality possible to customers.

This document can be found at the Division of Water website in the 'Requirements, Templates, and Guidance' section. This webpage also has many other resources useful for drinking water operators, including templates and guidance on various rules of the Safe Drinking Water Act.