



BRIAN CUMBO

ATTORNEY AT LAW

86 W. Main St., Suite 100
P.O. Box 1844
Inez, KY 41224
(606) 298-0428
FAX: (606) 298-0316
cumbolaw@cumbolaw.com

ADMITTED IN KY AND WV

July 21, 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 July 25, 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

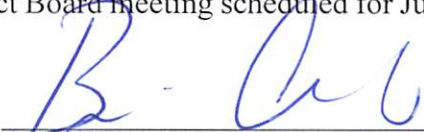
In the Matter of:

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

CASE NO. 2020-00154

NOTICE OF FILING

Comes the Martin County Water District, by counsel, and hereby gives Notice of Filing of the attached information packet for the Martin District Board meeting scheduled for July 25, 2023.

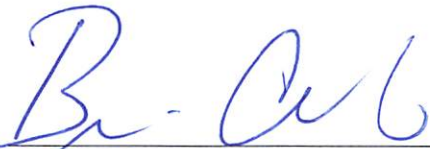

BRIAN CUMBO
COUNSEL FOR MARTIN COUNTY
WATER DISTRICT
P.O. BOX 1844
INEZ, KY 41224
TELEPHONE: (606) 298-0428
TELECOPIER: (606) 298-0316
EMAIL: cumbolaw@cumbolaw.com

CERTIFICATE OF SERVICE

This will certify that a true and correct copy of the foregoing was served via electronic filing on this the 21st day of July, 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, July 25, 2023 – 6:00 p.m.
Martin County Government Center (2nd 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
 - C. 2024 Budget
 - D. 2024 MOA
- 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
 - D. 3rd Quarter 2023 State and Federal Compliance Report
- 7) Capital Projects Report
 - A. Project Updates
- 8) Other Old Business
- 9) Other New Business
 - A. WTP Decant Pit Hydro Vac Truck
- 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
Special Meeting of the Board of Directors
June 22, 2023, Meeting Minutes**

Presiding: BJ Slone
Present: Directors: Greg Crum, John Hensley, Nina McCoy
Staff: Craig Miller (GM), Cassandra Moore
Guests: Ed Daniels

The Special Meeting of the Martin County Water District was held on June 22, 2023, at the Martin County Government Center, at 42 East Main St (2nd Floor), Inez, Kentucky 41224. Mr. Slone called the meeting to order at 6:00 p.m.

Mr. Slone called for review of the May 23, 2023, Regular Board Meeting minutes.

- Mr. Hensley motioned to accept the April 25, 2023 minutes
- Mr. Crum seconded
- All ayes
- Motion carried

Mr. Slone requested discussion of the review and consideration of the Financial Reports.

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

Mr. Slone called for review and consideration to Approve Bills.

- Mrs. McCoy asked why the Martin County Public Library was higher than normal?
- Mr. Miller advised it was for the asphalt repair where the Distribution Staff had to repair a main that goes through the Library parking lot. When the Library had their lot re-sealed, they went ahead and had that area paved with asphalt and sent us an invoice for it. That invoice is the balance over the regular rent.

- Mrs. McCoy stated with Consolidated Pipe, she asks about them every time. She knows some of those may be for meters. Do we know how many of those we have replaced?
- Mr. Miller advised that we could run a report to show how many we have replaced. I don't have it right off hand. It's not a lot, we normally buy around eight (8) or ten (10) at a time. They're fairly expensive, about two hundred dollars a (\$200.00) a piece. We try to replace any broken ones or ones that fail on us. We are not actually doing a replacement of current working meters. But we can run a report to see how many we have actually replaced
- Mrs. McCoy said she thought it would be a good idea to keep us, (the Board) informed on you know, how many. I know that's a problem any way meter replacements
- Mr. Slone asked what kind of warranty do we get on those meters? Do we get a warranty when we buy those?
- Mr. Miller advised he didn't believe there is a warranty on the meters itself, but he will double check on it. There is one for the actual reading system for the computer and reading base station
- Mr. Hensley said the meters he's looked into had a ten (10) year warranty on them.
- Mr. Miller advised there may be some type of warranty on specific parts, he would have to look into it.
- Mr. Hensley stated most meters have that type of bottom that will pop out when they freeze
- Mr. Miller advised the Mueller types of meters we have now don't have that type of bottom, they are a different style with a single tube so there's no moving parts inside and completely digital. They have leak detection and tamper detection, it will let us know about low flow, constant flow, and it'll also alert in our system that there may be a potential leak in the residence
- Mrs. McCoy asked can people still read their meters?
- Mr. Miller advised absolutely. There's a digital display on it, so when they flip the top up, they can see and there's an indicator on it that blinks as it flows through. I believe if there's a leak there's also another indicator on it as well.
- Mrs. McCoy asked if they still had the same system of shutting it off if they need to at their house?
- Mr. Miller advised yes ma'am they do. They still fit in the setter exactly the same way
- Mr. Hensley motioned to approve the List of Bills
- Mrs. McCoy seconded
- All ayes
- Motion carried

Mr. Slone asked if there were any legal issues to discuss.

Mr. Slone called for review of the Operations Report.

- Staff approved and posted the yearly CCR to the website and distributed to the appropriate locations. It's available at the local Library again, as well as the website accessible for customers to review. That's an annual required by the Division of Water that's been completed
- The biggest thing that everyone is wondering about is the Reservoir. We are pumping into the reservoir and have been for over a week. Of course, we are taking out of the reservoir as we are putting it in. In order to try and conserve fuel we are not running that pump as high as we would have liked. When we were running it full capacity it was running through probably about eight (8) or nine (9) hundred gallons per day. We were looking at about fifteen hundred dollars (\$1,500) per day fuel bill, so we backed it off a little bit. We're currently running about two thousand (2,000) gallons a minute during the day. But were only pulling between nine (9) and eleven (11) hundred gallons per day from the reservoir, so were getting about eight (8) or nine (9) hundred gallons extra. The reservoir with my estimation has risen about six (6) feet, maybe seven (7) feet since we started pumping into it. It's pretty wide so it's going to take a while for it to fill. We're doing good now, we were doing fine before, we were down to the third (3rd) screen, but the water plant was actually reducing flow because the tanks were full and the clearwells were full. For the past two weeks the water plant has produced 1.33 million gallons per day on average. Which is the lowest average production that the plant has seen since 2004. We did suspend pumping to the prison while we were trying to get the raw water pump in place and up and running for about six (6) days, but we could have pumped to the prison the whole time. The plant operators actually reduced flow to about nine (9) hundred gallons per minute because they couldn't put water anywhere. Tom almost said can I start pumping to the prison so I can put water somewhere. We just wanted to be cautious, so we didn't get in a bad way with the reservoir
- Mr. Hensley said one of the reasons a few years ago when the reservoir got as low as it is right now, we had to hire pumps. The reason we can go as low now is because the divers came in and cleaned the screens that was stopped up
- Mr. Miller agreed that he thought that had significant impact, but additionally the lower flow needed to pump water also helped. It was a combination of the two, the divers cleaning the screens and us not needing as much water. We're on track for just under forty-eight (48) million gallons of water produced for the month. That will be two months in a row. Currently with what we're producing right now, we're looking at cutting around production around eighty-one (81) million gallons if we did nothing more today, for the end of the year. The system is getting better a little at a time
- Mr. Hensley stated that when he first joined the Board water loss was around ninety-five (95) to ninety-eight (98) percent

- Water loss was reported at **67.87%** for the month of May 2023, last month it was just over sixty-two (62) percent. The residential consumption was lower this month than the last month. Residential consumption was around ninety-two seventy-five (9275), for a total of fourteen seven one four (14,714) and that's with public authorities, which is the Prestonsburg pumping at two (2) point six (6) million. We're down around two (2) million because we didn't sell as much as last month
- Mrs. McCoy asked, you say that you started pumping last week from the river, before that when was the last time you pumped from the river?
- Mr. Miller advised it was December
- Mrs. McCoy stated ok the reason I'm asking is because the UK study he's looking at what's in the river and what's in the reservoir, he wanted to know when these month's your actually getting from the Tug
- Mr. Miller advised again that December 2022 is the last time we have pumped from the river
- A tech from Bell Engineering came down from Columbus to look at the Raw Water VFD which is the VFD that has been hard wired in with the project and looked at it and gathered up all the information. Going to look at all the failures and take it back to Bell to discuss what they are going to do to correct the problem. Mr. Miller asserted to them that the District is not going to be responsible for any more issues with the Raw Water Pump or VFD's. This was all part of the project that they engineered and part of the project that is still under construction. The District has been paying for these repairs to these pumps and we shouldn't be held responsible for a situation that wasn't ready to be put in place. There are a lot of people that need to come to the table with the Raw water project and it's not just the District anymore. They've been made aware of the situation and our feelings on the matter, so hopefully we'll start seeing some traction on the situation
- Mrs. McCoy asked, so this is a diesel pump we're using?
- Mr. Miller advised, correct
- Mr. Hensley stated it's the one we're renting
- Mrs. McCoy asked, so it's rented? And we're paying for it?
- Mr. Miller advised, yes ma'am
- Mrs. McCoy asked how much the rent was?
- Mr. Miller advised it was just a little over eight (8) thousand dollars a month, our intent is to not keep it any longer than that
- Mrs. McCoy asked, the clarifiers, the new clarifiers are up and running?
- Mr. Miller responded, no ma'am. They've been working on the new clarifier trying to fix some leaks between the filter and the filter drain. There seems to be some kind of welding issue where they added the new metal to the concrete. We're not going to let them finish the project until it stops leaking. They've been in there at least five (5) or six (6) times trying to stop these leaks. It doesn't seem like a lot, but any time you have a leak it's going to get worse over time. We don't want to finalize a job until everything's correct. The last time they were in they put in a new type of caulking that they said would take seven (7) days to swell and fill in. Yesterday I went myself and climbed down in the clarifier and took videos and pictures and found it still leaking. I sent it to the contractor and said it's still not

fixed. He texted last night and said he's going to get someone back out to figure it out. We're still waiting on them to fix that problem

- Mr. Hensley asked if this was still the same project and we've not signed off on any of it, correct?
- Mr. Miller advised yes it was still the same project and we've not signed off on any of it. Initially completion was supposed to be finished by June 2022.
- Mr. Hensley stated we gave them an extension because some of the parts were not available
- Mr. Miller advised that the generator was not available, there was some other issues with getting parts, so they did get an extension. Now they've got an extension because of the VFD until the end of the year
- Mr. Hensley asked if they have to start paying penalties at the end of the year?
- Mr. Miller advised he would have to look at the contract and see if there is an agreed upon extension

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

- Water loss was reported at **67.87** for the month of May 2023
- Forty-seven (47) million produced, total sales at fourteen one seven four (14,174), water loss at sixty-seven point eight seven (67.87) percent. Have found and fixed several leaks. The area's we've been focused on as of now is Turkey and Old Rt. 3. The master meter at Old Rt.3 running from Old. Rt.3 to Buffalo Horn tank was running one hundred and eight (108) gallons per minute, we have it down to forty-nine (49) gallons per minute and has been there for about a month. Took that particular area from one (1) point one (1) million gallons per week to roughly around three hundred (300) thousand gallons per week. Those are the kind of water loss production were looking for

Mr. Slone presented the Board with the June Leak Adjustments.

- Mr. Hensley motioned to approve the June Leak Adjustments
- Mrs. McCoy seconded
- All ayes
- Motion carried

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

- Mr. Miller mentioned that Bell has stated that they have been working up and will have hopefully within the next couple of weeks, the actual numbers for the rest of the CIP project items that the Board has already approved. We're waiting on getting engineered project estimates so we can actually submit to the portal so we can start pursuing grants for those projects.
- Mr. Miller has received the design for the Warfield/Collins Creek project and also the design for the 292 tank telemetry. The Lovely line replacement project had about eighty-five (85) thousand dollars left over and was elected to use it for

telemetry on the 292 booster station and tank. It used to have it but it's since fell apart and had wires removed from the station. Waiting on Big Sandy to review and make sure it meets KIA's standards. Once that happens it will go to bid, it has to go to bid even though we expect it to be Microcomm because that's what we use. Because of the size of the project, it has to go to bid. It has to meet the Microcomm standards and be compatible with what we have

- Mrs. McCoy asked if these CIP items, they've been put into the portal, but they also have to be voted on by the water counsel. Which meets this month?
- Mr. Miller advised that until we have the actual numbers for the projects, we can't bring it to the Water Management Counsel because as soon as they approve it, it goes into the portal. It's more of a formality
- Mrs. McCoy asked, don't they only meet once a year?
- Mr. Miller replied, no ma'am they don't just meet once a year.
- Mrs. McCoy said, I thought there was once a year where they agree on which projects
- Mr. Miller replied, I think it's a little bit more than that. I don't think it's every month but maybe quarterly or twice a year, but I'll double check.

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

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

Executive session not required.

Mr. Slone inquired if there were any guest requesting to speak.

- Ed Daniels addressed Mr. Miller, "Mr. Miller about a month ago I asked you if you would look into the situation about cleaning out hydrants. Have you ever looked into that?"
- Mr. Miller answered, "We have looked at starting an actual hydrant flushing program. We're trying to decide where we want to start, the summer months with the reservoir level down we were hesitant to start it. We have put a plan together of where we're going to start. Typically, we flush when we repair leaks, but in areas like Inez where we don't dig up mains and fix a lot of leaks, this is the area's we want to focus on. We are putting together a plan and the plan will be a bi-annual plan. We will post the area's when we begin to flush some people don't panic when they see a bunch of water. I'm in the process of trying to get an actual meter for flushing. A flush meter so we can monitor how much we flush so that I can add it to my water loss report as well. I don't want to just push water out on the ground and not have an accurate count of it. I want to put it in our water loss numbers as well, but yes, we are working on a plan

- Mr. Daniels asked, “One more question, why did you wait so long to rent a pump to begin pumping back into the reservoir?”
- Mr. Miller answered, “That’s a great question”
- Mr. Daniels said, “Let me say one more thing because historically, and I’m talking historically you know how history is. July, August, September are months without much rain fall.
- Mr. Miller answered, “The statistics actually show that in Eastern Kentucky, May, June and July are the wettest months of the year. If you look at the statistics online. We have obligation to be fiscally responsible with the Districts money. The district has purchased pumps through the projects that are currently still underway. Those pumps have never operated correctly for many reasons. We were making every effort to ensure that those pumps that are there now would work or not. We’re having trouble with Xylem, so getting someone out to look at those were like pulling teeth. We were doing everything we could to make sure, the pump would work but it just wasn’t getting water over the hill. We excavated the line at the top of Turkey and uncovered an air relief valve. We pulled the vale to make sure it was working; we walked the line to look for leaks to make sure it was working. We wanted to make sure we were doing everything we could to make sure it wasn’t something we could control to make our pump work properly. Then if we couldn’t get it to work or function right, then we would go to a diesel pump. Diesel pumps are expensive, very expensive. We’re not just paying eight thousand (8000) dollars a month to rent it, were also paying a thousand (1000) dollars a day for fuel, plus manpower to go out there and fuel it up. So, I wanted to make absolutely positive that we could not get that pump to run before we put anything on.
- Mr. Daniels said, “I for one, uh happy uh that you rented one ok, but while you all were looking, which is the worse of the two evils; paying for a pump or not having water?”
- Mr. Miller asked, “Did we ever not have water? That’s the question.”
- Mr. Daniels replied, "When I saw pictures of it up there, its just one big mud hole.”
- Mr. Miller advised, “I understand what a picture can do, and I understand the concerns. We do have an obligation to keep the reservoir full, but the system was full, and no one ran out of water and weren’t in any danger of running out of water. Getting a pump here is as simple as making a phone call. So, we did it when we knew we didn’t have any other choice.”
- Mr. Daniels replied, “thank you.”

Mr. Slone requested a motion to adjourn.

- Mr. Crum motioned to adjourn meeting at 6:31 p.m.
- Mr. Hensley seconded
- All ayes
- Motion Carried

Minutes approved this _____ day of _____, 2023.

James Kerr, Chairman

Cassandra Moore, District Clerk

Martin County Water District
Balance Sheet
June 30, 2023

6/30/23

ASSETS

CURRENT ASSETS

Checking Account - Operations	\$	96,095.23
Revenue Fund - EFT		3,709.37
Debt Service Surcharge Fund		42,036.64
Management Infrastructure Surcharge Fund		8,865.27
Security Deposits		93,957.73
Cash on Hand		900.00
Total Cash		245,564.24
Accounts Receivable		345,286.48
Allowance for Doubtful Accounts		(54,507.91)
Unbilled Accounts Receivable		80,438.00
Inventory		2,948.14
Prepaid Expenses		8,201.41
Total Current Assets		627,930.36

PROPERTY, PLANT, & EQUIPMENT

Land	214,713.83
Water Supply & Distribution System	28,431,759.88
Buildings	500,263.89
Equipment & Furniture	6,340,341.06
Vehicles	69,420.45
Leased Assets	33,934.71
Less: Accumulated Amortization - ROU leased asset	(14,205.24)
Less: Accumulated Depreciation	(18,799,283.40)
Net Property, Plant, & Equipment	16,776,945.18

RESTRICTED CASH

Grant Fund	63.07
Sinking Fund - RD	5,526.07
Regions Sinking Fund	72,059.37
KIA Sinking Fund	6,407.75
KACO Sinking Fund	3,042.88
Depreciation Fund	1,022.36
Cost of Issuance Fund 2022	2,098.00
Certificate Fund - 2022 Debt Svc	37,659.60
Revenue Fund - 2022	3,457.33
Accrued Interest Receivable	466.00
Total Restricted Cash	131,802.43

Total Assets

\$ 17,536,677.97

Martin County Water District
Balance Sheet
June 30, 2023

6/30/23

LIABILITIES AND DISTRICT'S EQUITY

CURRENT LIABILITIES

Accounts Payable	\$	120,853.27
Sales Tax Payable		2,492.85
School Tax Payable		6,648.62
Long Term Debt-Current		54,845.14
Accrued Interest Payable		44,570.51
Customer Deposits		93,360.58
Total Current Liabilities		<u>322,770.97</u>

LONG-TERM DEBT

Lease Liability - Rent		20,703.21
Note Payable - KIA		253,929.75
Lease Payable - KACO		26,221.96
Bonds Payable - 2015 E Current Refunding		1,585,000.00
Bonds Premium - 2015 E, Net of A/Amort		16,230.62
Bonds Payable - 2022 B		1,110,000.00
Bonds Premium - 2022 B, Net of A/Amort		2,305.20
Less Current Portion of L-Term Debt		(54,845.14)
Other Inflow Resources - Pension		372,879.00
Total Long-Term Debt		<u>3,332,424.60</u>

Total Liabilities

3,655,195.57

DISTRICT'S EQUITY

Retained Earnings (Deficit)		14,091,210.57
YTD Net Income		(209,728.17)
Total District's Equity		<u>13,881,482.40</u>

Total Liabilities and District's Equity

\$ 17,536,677.97

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

<u>June, 2023</u>			<u>YTD</u>		
<u>Actual</u>	<u>Budget</u>		<u>Actual</u>	<u>Budget</u>	<u>Annual Budget</u>
		Operating Revenues			
\$ 183,299	\$ 175,833	Water Sales - Residential	\$ 1,054,762	\$ 1,054,998	\$ 2,110,000
31,544	29,167	Water Sales - Commercial	175,524	175,002	350,000
21,425	10,000	Water Sales - Public Authorities	72,497	60,000	120,000
124	4	Bulk Water Sales	289	24	50
-	2,437	Connection Fees - Tap	11,075	14,622	29,246
6,139	4,583	Late Charge Fees	35,034	27,498	55,000
1,862	2,650	Reconnect/Meter Sets/Other Fees	11,639	15,900	31,801
8,718	8,917	Debt Service Surcharge	52,380	53,502	107,000
15,646	15,839	Management Infrastructure Surcharge	94,014	95,034	190,070
268,757	249,430	Total Operating Revenues	1,507,213	1,496,580	2,993,167
		Operating Expenses			
-	7,500	Water Purchased	12,092	45,000	90,000
168,507	168,507	Management & Operations Contract	1,011,042	1,011,042	2,022,084
16,916	27,917	Utilities	116,435	167,502	335,000
1,729	2,500	Insurance	12,273	15,000	30,000
26,546	5,000	Repairs & Maintenance	81,930	30,000	60,000
43	250	Outside Services	271	1,500	3,000
1,113	800	Legal Expenses	5,450	4,800	9,600
-	-	Accounting/Audit	7,985	8,000	8,000
4,167	4,167	Bad Debts	25,000	25,002	50,000
-	-	Bond Trustee Fees	900	500	500
385	270	Dues	2,310	1,620	3,235
346	228	Office Expense	2,066	1,368	2,732
-	833	Rent Expense	25	4,998	10,000
191	125	KY 811 Services	953	750	1,500
33	54	Miscellaneous Expenses	307	324	652
9	4	Customer Deposit Interest Expense	36	24	53
219,983	218,155	Total Operating Expenses	1,279,077	1,317,430	2,626,356
48,774	31,275	Net Income B/4 Other Income (Expenses)	228,136	179,150	366,811
		Other Income (Expenses)			
-	-	Gain (Loss) on Sale of Assets	1,645	-	-
-	-	Capital Contributions	4,128	-	-
490	-	Interest Income	2,296	-	-
(8,833)	(8,333)	Interest Expense	(53,550)	(49,998)	(100,000)
(397)	63	Amortization	(2,383)	378	753
(65,000)	(65,000)	Depreciation	(390,000)	(390,000)	(780,000)
(73,741)	(73,270)	Total Other Income (Expenses)	(437,865)	(439,620)	(879,247)
\$ (24,967)	\$ (41,995)	Net Income (Loss)	\$ (209,728)	\$ (260,470)	\$ (512,436)

**Martin County Water District
Inez, KY**

Treasury Report

Billing Charges For the Month of:	Jun-23	
Water Revenue		\$ 183,299.01
Water Revenue-Commercial		31,543.67
Water Revenue-Commercial Exempt		4,203.93
Late Charges		6,139.05
Sales Taxes		2,304.69
Debt Service Surcharge		8,718.12
School Tax		6,669.12
Management Infrastructure Surcharge		15,646.23
Returned Check		676.73
Interest on Customer Deposits		(8.94)
Connection Fees		-
Other Miscellaneous Fees		1,925.00
Deposits Applied		(1,555.00)
Refund Checks Paid		160.58
Total Billing Charges		\$ 259,722.19
		<hr/>
Gallons Billed		13,006,770
		<hr/>
Customers Billed		3,367
		<hr/>

Accounts Receivable	Jun-23	
Beginning Balance		334,818.77
Billing Charges		259,722.19
Bad Debt (Write Offs) Recoveries		-
Accounts Receivable Collections		(249,254.48)
End of Month Accounts Receivable		345,286.48

Operations Account		
Beginning Balance		\$ 37,769.52
Deposits		
Accounts Receivable Collections		249,254.48
Accounts Receivable Collections - Pmts in EFT Revenue Account		(112,096.21)
Sewer Billing Collections in Water Bank Acct - Due to MCS		71,250.80
Customer Deposits Received		2,340.00
Prestonsburg Utilities		17,221.00
Miscellaneous Income (Tokens)		124.00
Refund of duplicate Regions payment		10,800.00
Transfers from Other District Accts		110,500.00
Total Deposits		<hr/> 349,394.07
Disbursements:		
Checks Written		(114,557.94)
Pmts made to Sanitation for A/R Collections		(77,279.64)
Transfers to Other District Accts		(72,054.63)
Auto Drafted Utilities		(18,894.51)
Sales and School Tax Payments		(8,281.64)
End of Month Balance		\$ 96,095.23

Cash Receipts Collected To Date in:	Jul-23	210,159.17
Bills Submitted for Payment in:	Jul-23	(258,757.54)
Available Balance		<hr/> 47,496.86

**Martin County Water District
Inez, KY
Treasury Report
Summary of Cash & Investments
June 30, 2023**

Bank Account	Beginning Balance	Deposits	Interest Earned, Net of Fees	Payments	Ending Balance
Operations Account	\$ 37,769.52	349,394.07	-	(291,068.36)	\$ 96,095.23
Revenue EFT Account	2,737.28	112,096.21	-	(111,124.12)	3,709.37
Debt Service Surcharge	17,735.78	24,300.31	0.55	-	42,036.64
Management Infrastructure Surcharge	1,000.07	16,691.32	0.15	(8,826.27)	8,865.27
Security Deposits	91,490.29	2,624.15	3.87	(160.58)	93,957.73
Cash on Hand	900.00	-	-	-	900.00
Total Unrestricted Cash	151,632.94	505,106.06	4.57	(411,179.33)	245,564.24
Restricted Cash					
ARC Grant	63.07		-	-	63.07
Rockhouse Project	5,209.38	10,800.00	-	(10,483.31)	5,526.07
Regions Bank-KY 2015E Martin County	61,383.75	10,450.31	225.31		72,059.37
KIA Bond & Interest	6,271.42	5,800.00	0.06	(5,663.73)	6,407.75
KY Assoc of Counties Leasing Trust	1,996.28	1,200.00	0.04	(153.44)	3,042.88
Depreciation Reserve	1,022.34	-	0.02	-	1,022.36
Cost of Issuance Fund 2022	2,098.00		-	-	2,098.00
Certificate Fund - 2022 Debt Svc	37,503.09		156.51		37,659.60
Revenue Fund - 2022	3,442.96	-	14.37	-	3,457.33
Total Restricted Cash	118,990.29	28,250.31	396.31	(16,300.48)	131,336.43
Total Cash & Investments	\$ 270,623.23	533,356.37	400.88	(427,479.81)	\$ 376,900.67

**Martin County Water District
Billing Summary**

Date	Billed		Gallons (000'S)	Billed # of Customers	Payments Received
	Revenue	YTD Total			
Jun-23	222,407	1,313,313	13,007	3,367	249,254
May-23	213,098	1,090,906	12,096	3,361	254,233
Apr-23	224,371	877,808	13,427	3,346	219,648
Mar-23	193,481	653,437	9,299	3,363	249,444
Feb-23	219,471	459,955	12,515	3,370	257,299
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

MARTIN COUNTY UTILITY BOARD

387 East Main Street Suite 140
INEZ, KY 41224

606-298-3885 OFFICE

606-298-4913 Fax

July 6, 2024

**TO: Martin County Water District
Board of Directors**

FROM: Staff

RE: FY 2024 Budget Proposal

The District's FY 2024 Fiscal Year Budget Proposal is hereby submitted for your review and consideration.

The budget proposal as presented is a balanced budget; operating revenues exceed operating expenditures with the minimum debt service coverage allowed per the bond covenants, please see the summary below:

2024 Total Revenue	\$ 2,878,526
2024 Operating Expenses	\$ 2,612,494
(Including Interest Expense)	\$ 80,458
Net Revenue before Debt (Principal)	\$ 185,574
Debt Service (P&I)	\$ 212,483
Net Revenue (after Ops & Debt)	\$ 53,458
Debt Service Coverage	1.25
(1.2 Required)	
Capital Improvements from Cash	\$ 1,541,606
Capital Improvements From AML & USACE	\$ 5,104,518
Capital Improvements From FEMA	\$ 1,320,000

**Capital Improvements
From Fiscal Court** **\$ 70,000**

**Capital Improvements Still
Seeking Funding** **\$ 23,748,000**

(Including Unrestricted Extension & Replacement Fund)

The District's FY 2024 budget proposal is for Board review and consideration. Staff will present and discuss the budget proposal in further detail; we will provide any additional information you desire and revise as requested.

The District should review, consider, and adopt a 2024 Budget prior to the start of its fiscal year on January 1, 2024.

MARTIN COUNTY WATER DISTRICT

2024 PROPOSED BUDGET

**January 1, 2024 – December 31, 2024
Fiscal Year**

**Prepared and Submitted by:
Alliance Water Resources, Inc.**

Martin County Water District

2024 Fiscal Year Budget Estimate

Statement of Revenues and Expenditures
(in Dollars)

Cash Needs Basis

	Actual 2020	Budget 2021	Actual 2021	Budget 2022	Actual 2022	Budget 2023	Projected 2023	Budget 2024
Revenue Source								
Water Sales	\$ 2,220,203	\$ 2,425,375	\$ 2,222,673	\$ 2,442,447	\$ 2,554,704	\$ 2,580,000	\$ 2,559,638	\$ 2,585,000
All Other Revenue, Connection Fees	308,885	266,545	406,440	312,922	288,151	306,168	307,867	293,526
Total Revenue	\$ 2,529,088	\$ 2,691,920	\$ 2,629,113	\$ 2,755,369	\$ 2,842,855	\$ 2,886,168	\$ 2,867,506	\$ 2,878,526
Expenditures								
All General & Operating Expenses	\$ 2,477,000	\$ 2,437,429	\$ 2,612,123	\$ 2,536,672	\$ 2,626,146	\$ 2,626,303	\$ 2,541,826	\$ 2,612,494
Interest Expense(s)	\$ 85,521	\$ 80,458	\$ 80,458	\$ 80,458	\$ 102,853	\$ 100,000	\$ 107,321	\$ 80,458
Total Operating Expenditures	\$ 2,562,521	\$ 2,538,971	\$ 2,692,581	\$ 2,617,130	\$ 2,728,999	\$ 2,726,303	\$ 2,649,146	\$ 2,692,952
Net Revenue B4 Principal Payments	\$ (33,433)	\$ (60,737)	\$ (63,468)	\$ 138,239	\$ 113,856	\$ 159,865	\$ 218,359	\$ 185,574
Debt Service Coverage Calculation								
Net Revenue B4 Principal	\$ (33,433)	\$ (60,737)	\$ (63,468)	\$ 138,239	\$ 113,856	\$ 159,865	\$ 218,359	\$ 185,574
Plus Above Interest Expense	85,521	85,521	80,458	80,458	102,853	100,000	107,321	80,458
Net Revenues Available for Coverage	\$ 52,088	\$ 24,784	\$ 16,990	\$ 218,697	\$ 216,709	\$ 259,865	\$ 325,680	\$ 266,031
P&I Debt Service	\$ 208,111	\$ 215,995	\$ 212,483	\$ 212,483	\$ 212,483	\$ 212,483	\$ 212,483	\$ 212,483
Net Revenue after Oper & Debt Exp.	\$ (156,023)	\$ (191,211)	\$ (195,493)	\$ 6,214	\$ 4,226	\$ 47,382	\$ 113,197	\$ 53,548
Debt Service Coverage (Required Coverage 1.2)	0.25	0.11	0.08	1.03	1.02	1.22	1.53	1.25

Martin County Water District

2024 Fiscal Year Budget Estimate

Statement of Revenues in Dollars

Revenue Source	Budget 2020	Actual 2020	Budget 2021	Actual 2021	Budget 2022	Actual 2022	Budget 2023	Actual Thru 5/31/2023	Projected 2023	Budget 2024	Notes
Water Sales - Residential	\$1,785,946	\$ 1,838,307	\$ 2,010,893	\$ 1,842,225	\$ 2,017,245	\$ 2,100,748	\$ 2,110,000	\$ 871,463	\$ 2,091,511	\$ 2,110,000	Increase % Above 0.0%
Water Sales - Commercial	\$ 384,979	\$ 287,166	\$ 320,978	\$ 296,629	\$ 315,955	\$ 346,674	\$ 350,000	\$ 143,981	\$ 345,554	\$ 350,000	
Water Sales - Public Authorities	\$ 6,464	\$ 79,307	\$ 93,504	\$ 83,819	\$ 109,247	\$ 107,282	\$ 120,000	\$ 51,072	\$ 122,573	\$ 125,000	
Water Sales - Bulk	\$ 140	\$ 35	\$ 50	\$ 317	\$ 50	\$ 30	\$ 50	\$ 165	\$ 396	\$ 400	
Connection Fees - Tap	0	\$ 22,872	\$ 26,333	\$ 17,612	\$ 26,418	\$ 28,372	\$ 29,246	\$ 11,075	\$ 26,580	\$ 26,580	
Late Charge Fees	0	\$ 13,416	\$ 17,888	\$ 58,575	\$ 56,874	\$ 40,236	\$ 55,000	\$ 28,894	\$ 69,346	\$ 55,000	
Reconnect/Meter Sets/Other Fees	110,575	\$ 20,144	\$ 24,585	\$ 39,575	\$ 36,644	\$ 29,560	\$ 31,801	\$ 9,777	\$ 23,465	\$ 23,465	
Management Infrastructure Surcharge	190,129	\$ 193,180	\$ 192,456	\$ 192,369	\$ 192,936	\$ 189,817	\$ 190,070	\$ 78,367	\$ 188,081	\$ 188,081	
Miscellaneous Income	0	\$ 18,611	\$ 5,233	\$ 97,992		\$ 136		\$ -	\$ -	\$ -	
Interest Income	0						0	\$ -	\$ -	0	
Debt Service Surcharge**											Removed for 2021 & 2022 Budgets
Total Revenues	\$2,478,233	\$ 2,473,038	\$ 2,691,920	\$ 2,629,113	\$ 2,755,369	\$ 2,842,855	\$ 2,886,168	\$ 1,194,794	\$ 2,867,506	\$ 2,878,526	

DSS not included in revenues for budget purposes

DSS	\$ 100,000	\$ 107,436	\$ 107,241	\$ 107,177	\$ 107,015	\$ 105,780	\$ 110,000	\$ 43,662	\$ 104,789	\$ 110,000
Checker	\$2,578,233	\$ 2,580,474	\$ 2,799,161	\$ 2,736,290	\$ 2,862,384	\$ 2,948,635	\$ 2,996,168	\$ 1,238,456	\$ 2,972,294	\$ 2,988,526

MARTIN COUNTY WATER DISTRICT

DESCRIPTION OF REVENUE ACCOUNTS

Water Sales Revenue	Revenue received from metered and permitted (bulk or hydrant) water sales.
Connection Fees	Revenue collected as connection fees from new customers connecting onto the District's water and/or sewer systems.
Late Charge Fees	Revenues the District collects due to customers not paying current charges by due date on the bill form.
Reconnect/NSF Fees	Revenues collected from disconnection and reconnection charges and returned check fees.
Interest Income	Represent interest earnings on the balances of the District's banking and investment accounts.
Miscellaneous	Any other income or revenue the District receives not included in a specific category.
MIS	Management Infrastructure Surcharge.
DSS (fee)	Debt Service Surcharge.

Martin County Water District

2024 Fiscal Year Budget Estimate

Statement of Expenses in Dollars

	<u>Budget 2020</u>	<u>Actual 2020</u>	<u>Budget 2021</u>	<u>Actual 2021</u>	<u>Budget 2022</u>	<u>Actual 2022</u>	<u>Budget 2023</u>	<u>Actual Thru May-23</u>	<u>Projected 2023</u>	<u>Budget 2024</u>	<u>Notes</u>
Operating Expenses											
Employee Benefits	\$ -	\$ 21,367			\$ -		\$ -			\$ -	
Water Purchased	\$ 50,000		\$ 10,000	\$ 65,762	\$ 10,000	\$ 74,988	\$ 90,000	\$ 12,092	\$ 29,021	\$ 30,000	
Management & Operations Contract	\$ 1,973,346	\$ 1,973,347	\$ 2,022,079	\$ 2,022,079	\$ 2,022,084	\$ 2,022,084	\$ 2,022,084	\$ 842,535	\$ 2,022,084	\$ 2,022,084	
Utilities	\$ 308,584	\$ 320,969	\$ 260,000	\$ 377,260	\$ 325,523	\$ 375,427	\$ 335,000	\$ 99,519	\$ 238,846	\$ 335,000	
Insurance	\$ 47,500	\$ 39,792	\$ 30,000	\$ 21,709	\$ 29,070	\$ 34,932	\$ 30,000	\$ 10,544	\$ 25,306	\$ 30,000	Property & Casualty Ins, D&O Policy, Treasurer's Bo
Repairs & Maintenance	\$ -	\$ 2,700	\$ 10,000	\$ 13,005	\$ 40,000	\$ 47,065	\$ 60,000	\$ 55,384	\$ 132,922	\$ 110,000	Raised to 100K for RC reduction
Materials & Supplies	\$ 5,000			\$ 166	\$ 249			\$ -	\$ -		
Outside Services	\$ -	\$ 6,831	\$ 10,000	\$ 755	\$ 3,243	\$ 630	\$ 3,000	\$ 228	\$ 547	\$ 1,000	
Legal Expenses	\$ 25,000	\$ 8,375	\$ 7,500	\$ 19,612	\$ 16,182	\$ 10,000	\$ 9,600	\$ 4,338	\$ 10,411	\$ 10,000	
Audit	\$ 30,000	\$ 25,000	\$ 7,800	\$ 7,725	\$ 8,000	\$ 7,950	\$ 8,000	\$ 7,985	\$ 19,164	\$ 8,000	
Bad Debts	\$ -	\$ 55,000	\$ 55,000	\$ 54,999	\$ 54,999	\$ 30,948	\$ 50,000	\$ 20,833	\$ 49,999	\$ 45,000	
Bond Trustee Fees	\$ -	\$ 450	\$ 1,450	\$ 450	\$ 675	\$ 450	\$ 500	\$ 900	\$ 2,160	\$ 500	
Admin Fees (Bonds)	\$ -										
Dues	\$ -	\$ 3,700	\$ 1,850	\$ 4,868	\$ 3,330	\$ 3,149	\$ 3,235	\$ 1,925	\$ 4,620	\$ 4,620	KRWA
Office Expense	\$ -	\$ 3,339	\$ 3,250	\$ 2,804	\$ 3,344	\$ 2,676	\$ 2,732	\$ 1,721	\$ 4,130	\$ 4,130	KY One Call Fees
Rent Expense	\$ 9,020	\$ 9,053	\$ 9,000	\$ 10,585	\$ -	\$ 9,578	\$ 10,000	\$ 25	\$ 60	\$ 10,000	
Regulatory Assess Fees	\$ 5,000	\$ 5,983	\$ 8,000		\$ 9,692	\$ 4,214		\$ -	\$ -	\$ -	
Permits				\$ 15	\$ 23			\$ -	\$ -	\$ -	
KY 811 Services				\$ 2,451	\$ -	\$ 1,274	\$ 1,500	\$ 763	\$ 1,831	\$ 1,500	
Taxes				\$ 5,035	\$ 7,553			\$ -	\$ -	\$ -	
Miscellaneous Expense	\$ -	\$ 1,094	\$ 1,500	\$ 2,771	\$ 2,708	\$ 735	\$ 652	\$ 275	\$ 660	\$ 660	
Additional Debt Service***											
Customer Deposit Interest				\$ 72		\$ 46	\$ 53	\$ 27	\$ 65	\$ 65	
Total Operating Expenses	\$ 2,453,450	\$ 2,477,000	\$ 2,437,429	\$ 2,612,123	\$ 2,536,672	\$ 2,626,146	\$ 2,626,303	\$ 1,059,094	\$ 2,541,826	\$ 2,612,494	-0.5% (over prior budget)
Other Income (Expenses)											
Customer Deposit Interest Expense				(3,319)							
Debt Service Surcharge (Fee)	\$ 100,000	\$ 107,436	\$ 107,000	\$ 107,177	\$ 107,015	\$ 105,780	\$ 107,000	\$ 43,662	\$ 104,789	\$ 107,000	
Creditor Debt	\$ (100,000)	\$ (107,436)	\$ (107,000)	\$ (107,177)	\$ (107,000)	\$ (107,000)	\$ (107,000)	\$ (43,662)	\$ (104,789)	\$ (107,000)	
Interest Expense	\$ (80,000)	\$ (80,217)	\$ (80,000)	\$ (78,302)	\$ (80,458)	\$ (102,853)	\$ (100,000)	\$ (44,717)	\$ (107,321)	\$ (100,000)	
Capital Contributions	\$ -				\$ -	\$ 261,659	\$ -	\$ 4,128	\$ 9,907	\$ -	
Interest Income	\$ -			\$ 112	\$ -	\$ 2,060	\$ -	\$ 1,806	\$ 4,334	\$ -	
Amortization	\$ -				\$ 753	\$ 3,511	\$ 753	\$ (1,986)	\$ (4,766)	\$ 753	
Depreciation	\$ (775,000)	\$ (786,741)		\$ 773,206	\$ (780,000)	\$ (780,000)	\$ (780,000)	\$ (325,000)	\$ (780,000)	\$ (780,000)	
Bond Issue Costs					\$ (47,422)			\$ -	\$ -	\$ -	
Total Other Income (Expenses)	\$ (855,000)			\$ 691,697	\$ (859,690)	\$ (557,265)	\$ (879,247)	\$ (365,769)	\$ (877,846)	\$ (879,247)	

Current Customer Count = 3,485

MARTIN COUNTY WATER DISTRICT

Description of Expense Accounts

Professional Operations	Professional operating and management services provided by Alliance Water Resources, Inc. As a general rule, includes all labor, operating, maintenance and repair expenses for maintaining the District's facilities on a day-to-day basis.
Insurance	Includes premiums for comprehensive coverage for District properties, coverage for equipment owned by the District plus Directors & Officers insurance coverage.
Utilities	Energy costs for power and other utilities used for the operation of the District's booster pumps, lift stations, wastewater treatment plants, offices and other facilities.
Repairs & Maintenance	Repair expenses not covered by Alliance's budget. Generally, these are new equipment items costing more than \$2,500 or single repairs which significantly extend equipment or service life costing more than \$2,500. This also includes expenditures that are planned, non-routine and budgeted by the District including costs associated with District contractors such as line upgrades, tower cleaning, inspection, washing and repainting.
Legal & Audit	Expenses associated with legal guidance and direction, (Legal, Accounting & Audit) including, but not limited to the review or preparation of agreements and contracts. Also included are expenses associated with the review and preparation of the District's annual audit.
Bad Debts	Amounts related to write off of uncollectible receivables.
Bond Trustee Fees	Expenses associated with the administration of the District's bond issues such as bank and trustee fees.

Description of Expense Accounts (Continued)

Dues	Annual dues for the District to belong to KRWA and/or other professional water and/or sewer organizations.
Kentucky One Call	Expenses paid for the required membership in Missouri One Call, based on the estimated number of locates expected during the year.
Interest Expense	Interest expenses due on District's debt, interest portion due on any outstanding bond issues or debt any kind.
Capital Contributions	The cost or value of water or sewer systems contributed or dedicated to the District which was constructed and paid for by developers or home builders.
Amortization	Various costs incurred to issue revenue bonds or other debt as expensed over the life of a bond issue.
Depreciation	The reduction in the value of the District's facilities based upon their anticipated lifespan.

Martin County Water District
2024 Fiscal Year Budget Estimate

Debt Schedule

Debt	Budget 2019	Budget 2020	Projected 2020	Scheduled 2021	Scheduled 2022	Scheduled 2023	Scheduled 2024	Notes
Notes Payable - KIA								
Principal	\$53,007	\$54,620	\$54,620	\$56,281	\$56,281	\$56,281	\$56,281	Payments made monthly
Interest	\$14,440	\$12,827	\$12,827	\$11,166	\$11,166	\$11,166	\$11,166	
Admin Fee	\$963	\$855	\$855	\$744	\$744	\$744	\$744	
KIA N/P Total	\$68,410	\$68,302	\$68,302	\$68,191	\$68,191	\$68,191	\$68,191	
Lease Payable - KACO								
Principal	\$10,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	Principal due 3/20 each year
Interest	\$5,763	\$4,910	\$4,910	\$3,968	\$3,968	\$3,968	\$3,968	
KACO Lease Payable Total	\$15,763	\$19,910	\$19,910	\$18,968	\$18,968	\$18,968	\$18,968	
Bonds Payable - 2015 E Current Refunding								
Principal	\$55,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	Principal is due 1/1 so funded in p/yr
Interest	\$68,939	\$67,784	\$67,784	\$65,324	\$65,324	\$65,324	\$65,324	
2015 E Current Refunding Total	\$123,939	\$127,784	\$127,784	\$125,324	\$125,324	\$125,324	\$125,324	
Total Debt - All Issues								
	\$208,111	\$215,995	\$215,995	\$212,483	\$212,483	\$212,483	\$212,483	
Total Interest Expense								
	\$89,141	\$85,521	\$85,521	\$80,458	\$80,458	\$80,458	\$80,458	
Total Admin Fees Expense								
	\$963	\$855	\$855	\$744	\$744	\$744	\$744	

Martin County Water District

2024 Fiscal Year Budget Estimate

**Capital Improvements
Water System, Sewer System, Machinery and Equipment**

	2024 Budget	Funding Source
Water System Improvements		
Clarifier/Filter Unit 1 Refurbishment	\$ 450,000	AML
Filter Repair Unit 3	\$ 250,000	AML
Tank Inspections	\$ 7,000	Funded From Cash if Available
Project 113-19-02 Concrete Ramp & Winch System, Electrical Building Upgrade, Telemetry, Line Reactors & Instrumentation @ RWI. New Valve Vault for Clarifier 1, Replace Master & Replace Chlorine Feed system @ WTP	\$ 2,393,860	AML & USACE
Project 113-19-03 Replace Existing Mainline, Water Meters, Service Line, Valves & Hydrants in the Warfield Area	\$ 1,260,658	AML & USACE
Projects 113-19-05 & 113-19-06 Rehabilitation of Otto Brown Booster Station, Line replacement to Middlefork Tank, Upgrade of Davella Booster Station	\$ 750,000	AML
Contracts 113-20-02 & 113-20-03 Hunters Lane & Rockhouse Creek Utility Relocations	TBD	KYTC
FEMA Backup Generator Project	\$ 1,320,000	FEMA
High School Pump Station Check Valve	\$ 70,000	FISCAL COURT
40E Service Line Replacement and 6" Line Abandonment	\$ 760,000	STILL SEEKING GRANT FUNDING
Turkey Water Line Replacement	\$ 6,822,000	STILL SEEKING GRANT FUNDING
Coldwater Line Replacement	\$ 8,419,000	STILL SEEKING GRANT FUNDING
Old Route 3 Line Replacement	\$ 5,066,000	STILL SEEKING GRANT FUNDING
Turkey Storage Tank Replacement	\$ 681,000	STILL SEEKING GRANT FUNDING
Meter Replacement Project	\$ 2,000,000	STILL SEEKING GRANT FUNDING
Inez Water Line and Valve Replacement	\$ 5,318,000	STILL SEEKING GRANT FUNDING
Distribution Building and Pipe Yard	\$ 897,000	STILL SEEKING GRANT FUNDING
292 Booster Station and Water Line Replacement	\$ 9,293,000	STILL SEEKING GRANT FUNDING
Big Elk Water Line Replacement and Booster Station Rehabilitation	\$ 2,433,000	STILL SEEKING GRANT FUNDING
Buffalo Horn Water Line Replacement and Booster Station Rehabilitation	\$ 2,186,000	STILL SEEKING GRANT FUNDING
645 Water Line Replacement and Booster Station Rehabilitation	\$ 1,255,000	STILL SEEKING GRANT FUNDING
Wolf Creek/Pigeon Roost Water Line Replacement	\$ 1,315,000	STILL SEEKING GRANT FUNDING
Meathouse Water Line Replacement and Booster Station Rehabilitation	\$ 7,652,000	STILL SEEKING GRANT FUNDING
Hode Water Line Replacement	\$ 5,226,000	STILL SEEKING GRANT FUNDING
Cassell Branch Water Line Replacement and Booster Station Rehabilitation	\$ 1,574,000	STILL SEEKING GRANT FUNDING
Creek Crossing Replacement	\$ 1,000,000	STILL SEEKING GRANT FUNDING
Valve Insertion	\$ 750,000	STILL SEEKING GRANT FUNDING
Water Plant High Service Pump Replacement	\$ 850,000	STILL SEEKING GRANT FUNDING
Big Lick Water Line Replacement and Booster Station Rehabilitation	\$ 1,877,000	STILL SEEKING GRANT FUNDING
Peter Cave Water Line Replacement and Booster Station Rehabilitation	\$ 1,457,000	STILL SEEKING GRANT FUNDING
Sub-Total Water System Improvements	\$ 73,332,518	

Building and Land Improvements		
Doors for Valve Vaults	\$ 10,000	Funded From Cash if Available
Booster Stations - Building Repairs and/or Replacements	\$ 10,000	Funded From Cash if Available
Sub-Total Building and Land Improvements	\$ 20,000	

Machinery and Equipment		
Excavator w/Trailer (Mini w/attachments)	\$ 70,000	Funded From Cash if Available
3/4 ton 4x4 tool truck with Hoist, Generator, and Compressor	\$ 120,000	Funded From Cash if Available
Passenger Truck 4x4	\$ 60,000	Funded From Cash if Available
Road Bore Machine	\$ 15,000	Funded From Cash if Available
Radio Read Meters & Transmitters, New & Replacements	\$ 15,000	Funded From Cash if Available
VFD 40E Booster Station	\$ 7,500	Funded From Cash if Available
Online Turbidimeters and Controller	\$ 22,626	Funded From Cash if Available
Level Probes for Filter 4 and 5	\$ 11,480	Funded From Cash if Available
Sub-Total Machinery and Equipment	\$ 321,606	

2024 Improvements From AML & USCACE	\$ 5,104,518
2024 Improvements Funded From Cash	\$ 348,606
2024 Improvements Funded From Fiscal Court	\$ 70,000
2024 Improvements Funded From FEMA	\$ 1,320,000
2024 Improvements Still Seeking Grant Funding	\$ 66,831,000
Grand Total for 2024 Capital Improvements	\$ 73,674,124

**AMENDMENT TO AGREEMENT MADE DECEMBER 18, 2019
BY AND BETWEEN THE MARTIN COUNTY WATER DISTRICT AND
ALLIANCE WATER RESOURCES, INC.**

WITNESSETH

WHEREAS, on November 20, 2019, MARTIN COUNTY WATER DISTRICT (hereinafter referred to as "Utility") and ALLIANCE WATER RESOURCES, INC., a Missouri corporation (hereinafter referred to as "Alliance") entered into an agreement relative to the operation and maintenance of the District's water utilities, and

NOW THEREFORE, for mutual consideration, each by the other received, the parties agree that the prior agreement is modified, altered, and revised in the following respects only:

1. Section 6.1 of the November 20, 2019, Agreement is hereby revised to read: Utility shall pay Alliance a Monthly Base Fee of **\$168,507.00** for services rendered as described in the Original Agreement from December 18, 2019. For the year 1 January 2024 through 31 December 2024, the monthly Base Fee includes a Repair Limit of **\$8,333.33** per month (\$100,000 Annually) and a Chemical Limit of **\$9,166.67** per month (\$110,000 Annually) as described in this Agreement.

2. Section 9.1 of the November 20, 2019, Agreement is hereby revised to read: This Agreement shall become effective on the 1st day of January 2024 and shall remain in effect through the 31st day of December 2029, subject to annual appropriation of funds by Utility. If Utility appropriates funds for operation and/or maintenance of the Utility System this Agreement shall remain in force and effect.

IN WITNESS WHEREOF, the parties have agreed and executed this amendment this 25th day of July 2023.

ATTEST:

District Clerk

ATTEST:

Secretary _____

MARTIN COUNTY WATER DISTRICT

By: Board Chairman

ALLIANCE WATER RESOURCES, INC

By: President _____

Martin County Water District, Inez KY
List of Bills for Consideration
25-Jul-23

<u>Vendor</u>	<u>Description</u>	<u>Amount</u>
Operations Account		
1 AEP	Electric (26 bills) Estimated	\$ 14,277.67
2 Big Sandy RECC	Electric (9 bills) Estimated	\$ 2,421.72
3 Paintsville Utilities	Electric for token (5/03/22 to 6/05/23) Estimated	\$ 74.87
4 Martin County Public Library	Rent (Aug)	\$ 843.38
5 Martin County Water District	Sanitation (June)	\$ 141.67
6 Sales tax	6/2023 (estimated)	\$ 2,266.82
7 School tax	6/2023 (estimated)	\$ 6,661.02
8 Alliance Water Resources	7/1/23-7/15/23 O&M services	\$ 84,253.50
9 Alliance Water Resources	7/16/23-7/31/23 O&M services	\$ 84,253.50
10 Alliance Water Resources	Insurance Policy Installment (7/10)	\$ 1,156.77
11 Management Inf. Surcharge	Estimated (actual collected will be paid)	\$ 9,290.31
12 Debt Service Surcharge	Estimated (actual collected will be paid)	\$ 10,248.07
13 Kentucky Underground	811 Services (June)	\$ 190.50
14 Brian Cumbo	Legal Fees	\$ 1,112.50
15 Estech Systems	Phone System (June)	\$ 217.34
16 NexBillPay	Fees (June)	\$ 81.00
17 Diesel Fuel Receipts	Diesel Fuel (June)	\$ 11,218.77
18 Service Pump & Supply	Parts	\$ 1,391.25
19 Consolidated Pipe	Parts	\$ 121.22
20 Consolidated Pipe	Parts	\$ 117.00
21 Consolidated Pipe	Parts	\$ 215.55
22 Citco Water	Tap Parts	\$ 904.89
23 Citco Water	Setter Parts	\$ 930.45
24 Citco Water	6" Bermad Check Valve	\$ 4,762.58
25 Kentucky State Treasurer	Public Service Commission Assessment	\$ 3,862.73
26 Consolidated Pipe	Parts	\$ 216.68
27 CACi	Collection Agency	\$ 38.07
28 CACi	Collection Agency	\$ 24.64
29 Consolidated Pipe	Parts	\$ 1,805.10
30 H&E Equipment Services	Pump	\$ 7,881.48
31 Tug Valley Service & Supply	Davella Station	\$ 3,176.03
32 JABO Supply Corporation	Parts	\$ 1,264.37
33 Consolidated Pipe	Parts	\$ 86.25
34 Consolidated Pipe	Parts	\$ 295.76

Martin County Water District, Inez KY
List of Bills for Consideration
25-Jul-23

<u>Vendor</u>	<u>Description</u>	<u>Amount</u>
35 Consolidated Pipe	Parts	\$ 135.03
36 Consolidated Pipe	Parts	\$ 575.10
37 Consolidated Pipe	Parts	\$ 1,765.68
38 Consolidated Pipe	Parts	\$ 217.50
39 Mountain Citizen	Office Expense/Advertising	\$ 45.61
40 USA Bluebook	Service Kit/Stenner Pump	\$ 508.61
41 USA Bluebook	Service Kit/Stenner Pump	\$ 508.61
42 USA Bluebook	DPD Chlorine Packs	\$ 54.14
43 Consolidated Pipe	Parts	\$ 2,991.87
44 M Dotson Contracting	Service Bore	\$ 6,400.00
TOTAL		\$ 269,005.61

Operations Account - Debt Service Funding

		Transfer Amounts
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
TOTAL		\$ 17,800.00

TOTAL OPERATIONS

\$ 286,805.61

Security Deposit Account

Customer

1 Ashley Ward	Deposit refund due to customer	\$ 53.60
2 Anna Stepp	Deposit refund due to customer	\$ 9.79
3 Robbie Woods	Deposit refund due to customer	\$ 38.52
TOTAL		\$ 101.91

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

June 2023

Administrative

Staff is continuing to help customers with yearly pool adjustments by watching usage, calling customers, and helping complete the required paperwork.

Water Treatment

WTP Operators performed routine backwashing of filters on Clarifiers 2 & 3 to ensure proper filtration. WTP operators also collected bi-weekly routine and special bacteriological and fluoride distribution system samples for system monitoring and compliance.

DEQ Controls completed High Service Pump 1 VFD installation. Pump can be ran on 'Hand' setting, but not remotely through SCADA system. DEQ plans to implement SCADA controls on the pump and VFD the first week of August.

Utilized diesel-powered Raw Water Intake pump to deliver water to the Curtis Crum Reservoir. To minimize fuel and diesel exhaust fluid costs, the pump was lowered to an average of 2.4 MGD delivered to the reservoir.

Resumed feeding copper sulfate due to algal blooms in the reservoir. Copper sulfate promotes organic material removal and prevents algal growth within clarifier basins, tube settlers, and filters.

Paused caustic soda feed due to pH stabilization at a desirable level (pH 7.5-7.6) with the introduction of river water to the reservoir. Caustic soda is fed when the plant is relying solely on reservoir water to prevent corrosive water from degrading pipes and equipment.

WTP production bested a two-decade low (41.8 MG) while storage tanks throughout the distribution system were maintained at full levels.

Received results of the first set of UCMR 5 samples taken in February 2023. All 26 parameters monitored for tested below the EPA's maximum recommended level and were acceptable.

Cleaned and organized flash mix and meter test rooms at WTP.

WTP Operator Garrett McKinney passed his Surface Water Treatment II license exam.

Distribution:

Pulled Davella BPS pump 1 motor to be sent for repairs. The following week, the rebuilt pump along with new pump-shaft packing was installed and the pumping schedule to the Airport Tank was resumed.

Remediated previous excavations at 40 East BPS- covered holes from valve excavations and adjusted valve stands on existing valves.

Cut grass and removed trash from all BPS locations throughout the county.

Hauled off one load of scrap metal from distribution storage area/WTP and organized the pipe storage, and distribution inventory storage.

Repaired the following main and service line leaks: 8" in Inez, 6" on Cassell Branch, 6" main and hydrant replacement on Groundhog Hollow, 2" on Pigeon Roost, 1 1/2" at Riverside Apartments, 1" on Venters Branch, 1" on Beauty Rd., and 16 3/4" service leaks.

Set a 1" and 2" meter for two new commercial accounts.

Installed four 3/4" service taps for new customer connections utilizing road bores and encasement.

Three employees were hired to fill open positions within the distribution crew.

Received replacement 60 HP VFD for 40 East BPS pump 2. Installation is expected to be completed by the end of July.

Completed line locate requests, disconnects and reconnects, routine service orders such as shut-off and setter replacement, and site remediations.

Safety

The monthly safety meeting was held on June 13th and covered Work Zone and Flagger Safety.

Training

Tyler Hall attended a two-day supervisor skills training hosted by Alliance Water Resources.



WATER RESOURCES®
Alliance
 Professional Water and Wastewater Operations
Martin County Water District

Project Updates

SOURCE	AMOUNT	PROJECTS
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
Total Grant	\$8,519,718	

Regulatory

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

Water Plant Operation

Water Pumped June	
Total Water Production (gallons)	41,875,000
Total Water Metered/Billed (gallons)	15,401,000
Other Water Used (gallons)	457,000
Average Daily Flow (Million Gallons per Day)	1.395 MGD
Maximum Daily Flow	1.587 MGD
Fluoride Used (lbs.)	472.6
Chlorine Used (lbs.)	1,490.4
Lab Tests	3,823

Water Quality Analysis

Test	Routine	Special	Repeat
Bacteriological	10 (Pass)	6 (Pass)	0
		Reported	Minimum Limit
Fluoride Plant Sample	30	0.79 mg/l Average	0.6 mg/l
Chlorine Distribution Sample	Total- 35 Free- 35	Low Readings Total - 0.48 mg/L Free – 0.41 mg/L	0.2 mg/l

Customer Service Request and Work Orders

Meter Reads	3332
Meter Sets	31
Turn offs-Close account	21
Taps	4
Meter Changes	12
Disconnects for Non-payment	40
Boil Notices	1
Line Locates	129
Water Leaks/Breaks	24
Other/Investigates	128



Martin County Water District

Water Main Breaks & Service Lines

Date	Location	Loss (Gallons)
6/1/23	Ratliff Town Rd.	257,352
6/1/23	Grassy Elementary School	1,934,517
6/2/23	James Charles Dr.	383,638
6/2/23	Murray Rd.	1,260,528
6/5/23	James Charles Dr.	70,466
6/6/23	Coldwater Rd.	1,354,162
6/6/23	Tomahawk Estates	70,466
6/7/23	Walnut St.	528,492
6/7/23	Cassady Ave.	704,656
6/7/23	Music Ln.	99,672
6/7/23	Mtn. Comprehensive Care	78,783
6/8/23	Inez IGA	196,957
6/12/23	Rockcastle Rd.	215,756
6/12/23	Rockcastle Rd.	431,512
6/12/23	Rockcastle Rd.	517,815
6/12/23	Rockcastle Rd.	431,512
6/14/23	Blackburn Trailer Park	246,630
6/14/23	Blackberry Rd.	449,492
6/15/23	W Main St.	78,783
6/15/23	Rockcastle Rd.	230,183
6/19/23	Carlos Webb Rd.	105,698
6/21/23	Mudford Rd.	139,849
6/22/23	Everett Rd.	352,328
6/23/23	Nathan Pl.	160,812
6/29/23	Beauty Rd.	1,181,745

Repair Expenses Ending May 2023

Expended	Actual YTD	Annual Budget	% Budget / Line Item
Bldg. & Grounds Maintenance	\$111	\$5,000	2%
Vehicle Maintenance	\$9,495	\$20,000	47%
Water Plant Maintenance	\$1,350	\$10,000	13%
Distribution System Maintenance	\$60,488	\$50,000	120%
Water Meter Maintenance	\$4,670	\$10,000	46%
Street Maintenance	\$38	\$3,141	1%
Totals	\$76,152	\$98,141	77%

Chemical Expenses Ending May 2023

Expended	Actual YTD	Annual Budget	% Budget / Line Item
Sodium Hydroxide	\$4,160	\$11,000	37%
Polymer	\$781	\$15,000	5%
Alum (DELPAC)	\$17,943	\$30,000	59%
Chlorine	\$17,720	\$20,000	88%
Permanganate	\$742	\$19,000	4%
Fluoride	\$9,297	\$7,000	132%
Chemicals Other - Water	\$4,111	\$8,000	51%
Totals	\$54,754	\$110,000	49%

Notes:

- 1) Building & Grounds Maintenance
 - a. Western Auto \$68.13
 - b. Amazon \$ 43.29

- 2) Vehicle Maintenance
 - a. Oil Changers \$72.33
 - b. Oil Changers \$69.30
 - c. Oil Changers \$61.99
 - d. Oil Changers \$167.97
 - e. Advance Auto \$20.07
 - f. Advance Auto \$60.35
 - g. Advance Auto \$200.92
 - h. Oil Changers \$68.41
 - i. Oil Changers \$59.34

- 3) Water Plant Maintenance
 - a. Evans Hardware \$8.26
 - b. USA BlueBook \$429.44

- 4) Well Maintenance
 - a. \$0.00

- 5) Distribution System Maintenance
 - a. Consolidated Supply \$225.84
 - b. Evans Hardware \$6.35
 - c. Lawrence Co. Sand & Stone \$767.06
 - d. Lawrence Co. Sand & Stone \$751.73
 - e. CITCO Water \$1,193.44
 - f. Jabo Supply \$127.69
 - g. Consolidated Supply \$692.53
 - h. Consolidated Supply \$642.01
 - i. Consolidated Supply \$713.27
 - j. Consolidated Supply \$989.67

- 6) Meter Maintenance
 - a. \$0.00

- 7) Sodium Bisulfite
 - a. \$0.00

- 8) Sodium Hydroxide
 - a. \$0.00

- 9) Lime/Caustic Soda



Martin County Water District

a. \$0.00

10) Polymer

a. \$0.00

11) Alum

a. CITCO Water \$3,284.63

b. CITCO Water \$3,284.63

12) Chlorine

a. CITCO Water \$3,334.39

13) Permanganate

a. \$0.00

14) Fluoride

a. CITCO Water \$1,449.57

15) Chemicals Other – Water

a. \$0.00

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility: Martin County Water District

For the Month of: June Year: 2023

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	41,875
3	Water Purchased	
4	TOTAL PRODUCED AND PURCHASED	41,875
5		
6	WATER SALES	
7	Residential	10,668
8	Commercial	3,047
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	1,686
13	Other Sales (explain)	
14	TOTAL WATER SALES	15,401
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	457
18	Wastewater Plant	
19	System Flushing	
20	Fire Department	
21	Other Usage (explain)	
22	TOTAL OTHER WATER USED	457
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	7,766
27	Line Leaks	18,251
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	26,017
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	62.13%

MARTIN COUNTY WATER & SANITATION DISTRICT
LEAK ADJUSTMENT REQUESTS
7/19/2023

Pool fill up

SEWER	14,250	214.42	
SWR PAY (AVG-LEAK)	4000	62.62	
SWR WRITE OFF		151.80	151.80

Pool fill up

SEWER	7,200	110.01	
SWR PAY (AVG-LEAK)	4000	62.62	
SWR WRITE OFF		47.39	47.39

Pool fill up

SEWER	9,310	141.26	
SWR PAY (AVG-LEAK)	5000	77.43	
SWR WRITE OFF		63.83	63.83

Pool fill up

SEWER	7,770	118.45	
SWR PAY (AVG-LEAK)	3000	47.81	
SWR WRITE OFF		70.64	70.64

Pool fill up

SEWER	13,950	209.98	
SWR PAY (AVG-LEAK)	2000	33.00	
SWR WRITE OFF		176.98	176.98

Pool fill up

SEWER	8,000	121.86	
SWR PAY (AVG-LEAK)	3000	47.81	
SWR WRITE OFF		74.05	74.05

Pool fill up

SEWER	11,350	171.47	
SWR PAY (AVG-LEAK)	4000	62.62	
SWR WRITE OFF		108.85	108.85

Pool fill up

SEWER	5,210	80.54	
SWR PAY (AVG-LEAK)	2000	33.00	
SWR WRITE OFF		47.54	47.54

Pool fill up

SEWER	13,950	209.98	
SWR PAY (AVG-LEAK)	2000	33.00	

SWR WRITE OFF		176.98
---------------	--	--------

176.98

replaced broken clamp by meter

BILLED GALLONS/COST	10,710	132.79
AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH COST	8,710	17.42
PAY (avg+leak cost)		58.84
WRITE OFF (billed-avg-purch cost)		73.95
LATE PENALTIES TO ADJ		0.00

73.95

replaced shark bite on line

BILLED GALLONS/COST	12,390	150.41
AVG GALLONS/BILL	4,000	62.90
LEAK GALLONS/PURCH COST	8,390	16.78
PAY (avg+leak cost)		79.68
WRITE OFF (billed-avg-purch cost)		70.73
LATE PENALTIES TO ADJ		0.00

70.73

replaced pop off valve on hot water tank

BILLED GALLONS/COST	19,110	220.90
AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH COST	17,110	34.22
PAY (avg+leak cost)		75.64
WRITE OFF (billed-avg-purch cost)		145.26
LATE PENALTIES TO ADJ		0.00
SEWER	19,110	286.40
AVG SEWER/BILL	2,000	33.00
LEAK SWR ADJ	17,110	253.40
SWR PAY (AVG-LEAK)		33.00
SWR WRITE OFF		253.40
SWR PENALTIES TO ADJ		0.00

398.66

repaired toilet that was leaking

BILLED GALLONS/COST	39,920	439.20
AVG GALLONS/BILL	3,000	51.91
LEAK GALLONS/PURCH COST	36,920	73.84
PAY (avg+leak cost)		125.75
WRITE OFF (billed-avg-purch cost)		313.45
LATE PENALTIES TO ADJ		0.00
SEWER	39,920	594.60
AVG SEWER/BILL	3,000	47.81
LEAK SWR ADJ	36,920	546.79
SWR PAY (AVG-LEAK)		47.81
SWR WRITE OFF		546.79
SWR PENALTIES TO ADJ		0.00

860.24

repaired broken line under home

BILLED GALLONS/COST	7,890	103.21
AVG GALLONS/BILL	3,000	51.91
LEAK GALLONS/PURCH COST	4,890	9.78
PAY (avg+leak cost)		61.69
WRITE OFF (billed-avg-purch cost)		41.52
LATE PENALTIES TO ADJ		0.00

41.52

repaired toilet that was running continuously

BILLED GALLONS/COST	6,880	92.61
AVG GALLONS/BILL	3,000	51.91
LEAK GALLONS/PURCH COST	3,880	7.76
PAY (avg+leak cost)		59.67
WRITE OFF (billed-avg-purch cost)		32.94
LATE PENALTIES TO ADJ		0.00

32.94

repaired broken line in basement

BILLED GALLONS/COST	27,110	304.82
BILLED GALLONS/COST	30,360	338.92
AVG GALLONS/BILL	17,000	255.15
LEAK GALLONS/PURCH COST	10,110	20.22
LEAK GALLONS/PURCH COST	13,360	26.72
PAY (avg+leak cost)		275.37
WRITE OFF (billed-avg-purch cost)		341.65
LATE PENALTIES TO ADJ		0.00

341.65

repaired leak at yard hydrant

BILLED GALLONS/COST	30,050	335.66
BILLED GALLONS/COST	18,330	212.72
AVG GALLONS/BILL	4,000	62.40
LEAK GALLONS/PURCH COST	26,050	52.10
LEAK GALLONS/PURCH COST	14,330	28.66
PAY (avg+leak cost)		114.50
WRITE OFF (billed-avg-purch cost)		405.22
LATE PENALTIES TO ADJ		21.27

426.49

repaired broken line near meter

BILLED GALLONS/COST	10,440	129.96
BILLED GALLONS/COST	5,520	78.34
AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH COST	8,440	16.88
LEAK GALLONS/PURCH COST	3,520	7.04
PAY (avg+leak cost)		58.30
WRITE OFF (billed-avg-purch cost)		142.96
LATE PENALTIES TO ADJ		0.00

142.96

repaired broken line between meter and home

BILLED GALLONS/COST	8,080	105.20
---------------------	-------	--------

BILLED GALLONS/COST	8,350	108.03
AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH COST	6,080	12.16
LEAK GALLONS/PURCH COST	6,350	12.70
PAY (avg+leak cost)		53.58
WRITE OFF (billed-avg-purch cost)		146.95
LATE PENALTIES TO ADJ		
SEWER	8,080	123.04
SEWER	8,350	127.04
AVG SEWER/BILL	2,000	33.00
LEAK SWR ADJ	6,080	90.04
LEAK SWR ADJ	6,350	94.04
SWR PAY (AVG-LEAK)		66.00
SWR WRITE OFF		184.08
SWR PENALTIES TO ADJ		0.00

331.03

repaired main line to hot water tank

BILLED GALLONS/COST	31,150	347.20
AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH COST	29,150	58.30
PAY (avg+leak cost)		99.72
WRITE OFF (billed-avg-purch cost)		247.48
LATE PENALTIES TO ADJ		34.30

281.78

repaired broken line a foot from meter

BILLED GALLONS/COST	44,710	489.45
AVG GALLONS/BILL	7,000	107.05
LEAK GALLONS/PURCH COST	37,710	75.42
PAY (avg+leak cost)		182.47
WRITE OFF (billed-avg-purch cost)		306.98
LATE PENALTIES TO ADJ		0.00

306.98

replaced leak in toilet

BILLED GALLONS/COST	15,130	179.15
BILLED GALLONS/COST	15,770	185.87
AVG GALLONS/BILL	6,000	83.38
LEAK GALLONS/PURCH COST	9,130	18.26
LEAK GALLONS/PURCH COST	9,770	19.54
PAY (avg+leak cost)		101.64
WRITE OFF (billed-avg-purch cost)		243.84
LATE PENALTIES TO ADJ		0.00

243.84

Pool fill up

SEWER	9,540	144.67
SWR PAY (AVG-LEAK)	4000	62.62
SWR WRITE OFF		82.05

82.05

repaired buried line between meter and home

BILLED GALLONS/COST	17,830	207.48
AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH COST	15,830	31.66
PAY (avg+leak cost)		73.08
WRITE OFF (billed-avg-purch cost)		134.40
LATE PENALTIES TO ADJ		0.00
SEWER	17,830	267.44
AVG SEWER/BILL	2,000	33.00
LEAK SWR ADJ	15,830	234.44
SWR PAY (AVG-LEAK)		33.00
SWR WRITE OFF		234.44
SWR PENALTIES TO ADJ		0.00

368.84

replaced regulator

BILLED GALLONS/COST	9,110	116.00
AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH COST	7,110	14.22
PAY (avg+leak cost)		55.64
WRITE OFF (billed-avg-purch cost)		60.36
LATE PENALTIES TO ADJ		0.00

60.36

repaired leak in toilet

BILLED GALLONS/COST	18,840	218.07
BILLED GALLONS/COST	13,220	159.12
AVG GALLONS/BILL	6,000	83.38
LEAK GALLONS/PURCH COST	12,840	25.68
LEAK GALLONS/PURCH COST	7,220	14.44
PAY (avg+leak cost)		109.06
WRITE OFF (billed-avg-purch cost)		253.69
LATE PENALTIES TO ADJ		0.00

253.69

repaired broken spigot

BILLED GALLONS/COST	40,120	441.30
AVG GALLONS/BILL	4,000	62.40
LEAK GALLONS/PURCH COST	36,120	72.24
PAY (avg+leak cost)		134.64
WRITE OFF (billed-avg-purch cost)		306.66
LATE PENALTIES TO ADJ		0.00

306.66

repaired leak in toilet

BILLED GALLONS/COST	23,900	271.15
AVG GALLONS/BILL	4,000	62.40
LEAK GALLONS/PURCH COST	19,900	39.80
PAY (avg+leak cost)		102.20
WRITE OFF (billed-avg-purch cost)		168.95
LATE PENALTIES TO ADJ		22.39

191.34



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.

3rd Quarter 2023, Kentucky

Risk, Resilience, and Emergency Planning, June 14, 2023

The 2018 America's Water Infrastructure Act required water systems to complete a Risk and Resilience Assessment (RRA) and Emergency Response Plan (ERP). These plans were due to the EPA between March 2020 and December 2021. EPA periodically inspects water systems to ensure they are maintaining satisfactory water treatment and compliance with regulatory requirements, and during recent inspections, some systems had issues with the RRAs or ERPs.

The Division of Water is reminding water systems of the requirement to complete and maintain a RRA and ERP. These documents should be available on-site in case of emergency – this means it is a good idea to have them available in a format that every operator can access easily, such as printed in a file or saved into a common network folder. The RRP and ERP are essential to a safe, smooth, and timely response to emergency situations – which unfortunately have impacted many of Kentucky's water systems in recent years – so these documents should be familiar and easily accessible to everyone at the water plant who may be involved in emergency response. This may mean providing training to operators and administrators so they understand what these documents are, where to find them, and how and when to use them.



Regulatory Compliance Report

Mark Mahler, Director of Safety & Regulatory Compliance

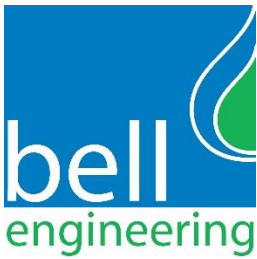
Alliance tracks new and proposed legislative and regulatory issues on an ongoing basis on behalf of its clients. This quarterly report identifies some of the most impactful issues at the Federal and State levels.

3rd Quarter 2023, Federal

SUPREME COURT SIGNIFICANTLY NARROWS SCOPE OF “WATERS OF THE U.S” – POTENTIALLY AN 80-90 PERCENT REDUCTION IN WETLANDS COVERED BY THE CLEAN WATER ACT.

In a landmark decision, the U.S. Supreme Court has significantly narrowed the scope of streams, wetlands, and other waters that are considered “Waters of the United States” (WOTUS) under the Clean Water Act. The WOTUS definition is used to determine if a stream or wetland is subject to federal jurisdiction and regulation under the Clean Water Act (CWA). Numerous CWA programs rely on this definition, including NPDES permitting; dredge and fill permitting; water quality standards and impaired waters listings; and spill prevention, control, and countermeasure plans.

The full extent of the Court’s decision will become clearer in coming months as EPA, the Corps, and lower courts figure out how to apply the ruling to common factual situations.



MEETING MINUTES
PROGRESS MTG #46
MARTIN COUNTY WATER DISTRICT
MARTIN COUNTY, KENTUCKY
June 13, 2023

LOCATION: Via Teams
TIME: 3:30 PM
Present: Craig Miller, Joe Jacobs, Madison Mooney, Jordan Montgomery, Kayla Thornsberry, Stephen Caudill

SUMMARY OF PROJECT FUNDING:

<u>Source</u>	<u>Amount</u>	<u>Associated Project(s)</u>
AMLER (2017)	\$3,450,000	A,B,C
COE 531 Partnership (25% Match)	\$1,869,718	B,C
ARC Grant	\$1,200,000	D
AMLER (2018)	\$2,000,000	E
FEMA/STATE	\$1,201,000	K
COE 531 Partnership	<u>\$1,500,000</u>	B
TOTAL GRANT	\$11,220,718	

**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 29th. 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 13th. 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 13th 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. Deferred 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)
TOTAL AWARD AMOUNT		\$ 3,473,426.00

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 last meeting:
 - Completed installation of the generator transfer switch.
 - Completed installation of the generator. The generator is now online and capable of providing backup power to the Water Treatment Plant.
 - Grouted and backfilled the backwash gullet of Unit 1.

31. Remaining work:

- Complete grouting/welding of the backwash gullet of Unit 1 to eliminate leaks. Pace to be onsite tomorrow to perform additional grouting/welding.
- Startup Unit 1.
- Begin Unit 3 repair once Unit 1 is operational.
- Resolve issue with VFD for 300 HP Pumping Unit.
- Secure cart for pump.

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, Buchannan 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. Changes have been made to the plans in order to better align the proposed scope with available funds. The revised plans have been reviewed with representatives of Alliance. Locations of new valves in the Warfield area, a tie-in of the line along Firehouse Lane to Route 282, and valving in the Groundhog Lane area on both the sideline/ mainline are being added. As soon as that is completed, plans will be reviewed one last time with Alliance and then a bid date will be coordinated with the funding agency.

C. WATER SYSTEM 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.
19. It was discussed that the proposed Capital Improvement Plan had been deleted from the project due to OSM declining to allow funds to be used for this purpose. See Item 8 above.

**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 has worked with DLG and determined this project will have to be advertised for bidding. Bid documents for the project are complete except for insertion of the bid dates. Specs are being typed now. Project to be advertised upon funding agency concurrence.

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 25th. 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 3rd, 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. Replacement water lines have been designed and reviewed with Alliance. Pump Station design is ongoing. Project will be forwarded to AML for NEPA review.

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 has been developed. Project is on hold.

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 18th. Bell has forwarded the draft plans to both KYTC and Alliance for review. Bell has also forwarded a draft contract to KYTC for review. Anticipate bidding & constructing the project this summer.
2. Both Engineering and construction related costs will be paid by KYTC.

I. REPLACE BRIDGE ON KY 40 OVER BUCK CREEK

1. Met with KYTC to review proposed work in April.
2. Over the past month, Bell has been reviewing the roadway plans received from KYTC in preparation for walking project with Alliance to ensure concerns with the existing lines are addressed during the relocation. Project plans and engineering contract will then be forwarded to KYTC.
3. Both Engineering and construction related costs will be paid by KYTC.

J. 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. An updated project cost was provided to Alliance this week.

K. 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. The district received a letter in April from FEMA advising of award in the amount of \$1,140,300. Project design was approved on May 24th and is underway. Alliance indicated the district will need to set up interim financing for the project.

L. SPICY MOUNTAIN WATER EXTENSION

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

M. 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.

N. 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.

O. 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.

P. 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.

Q. 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.

R. 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.

S. 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.

T. PREPARE OPINION OF PROBABLE PROJECT COSTS FOR THE FOLLOWING PROJECTS

- Inez Water Line and Valve Replacement
 - Distribution Building and Pipe Yard
 - 292 Booster Station and Water Line Replacement
 - Big Elk Water Line Replacement and Booster Station Rehabilitation
 - Buffalo Horn Water Line Replacement and Booster Pump Station Rehabilitation
 - 645 Water Line Replacement and Booster Station Rehabilitation
 - Wolf Creek/Pigeon Roost Water Line Replacement
 - Meat house Water Line Replacement and Booster Station Rehabilitation
 - Hode Water Line Replacement
 - Castel Branch Water Line Replacement and Booster Pump Station Rehabilitation
 - Creek Crossing Replacement Project
 - Valve Insertion Project
 - Big Lick Water Line Replacement and Booster Station Rehabilitation
 - Peter Cave Water Line Replacement and Booster Pump Station Rehabilitation
 - Kermit Water Line Connection
1. Will work with Alliance to ensure we have the project scope correctly delineated.

July 25th, 2023

TO: Martin County Water District
Board of Directors

INFORMATION & DECISION

FROM: Staff

RE: Martin County Water Treatment Plant Decant Pit- Hydro Vac Truck

Due to constant issues with the sludge hauling truck, WTP staff has been unable to remove sludge consistently and efficiently from the WTP decant pit. With rehabilitation of Clarifier 3 pending, it is crucial that excess sludge is removed from the pit to hold the contents of Clarifier 3 when the unit is drained for repairs.

Each quote reflects a 10-hour day on site and drive time to and from the water treatment plant. Each vendor is open to quoting an additional day if needed, but it is believed that one day will be sufficient for sludge removal.

Requests for quotes were sent to and returned by the following:

Vendor	Cost
Badger Daylighting	\$3,744
Southeastern Env. Services	\$6,970
Alderman's	\$6,000

If the board agrees, Staff recommends using Badger Daylighting to perform sludge removal from the decant pit.