



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

April 24, 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 April 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

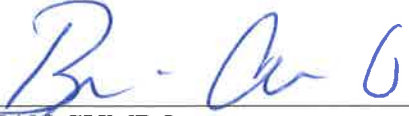
In the Matter of:

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 monthly Board meeting scheduled for April 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 24th day of April, 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, April 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
- 4) Review and Consideration to Approve Bills
- 5) Legal
 - A. Any Issues for Discussion with Board Attorney
- 6) Operations
 - A. Alliance Operations Report
 - B. Water Loss Report
 - C. Leak Adjustments
- 7) Capital Projects Report
 - A. Project Updates
 - B. 5 Year CIP
 - C. Project Extension Request
- 8) Other Old Business
 - A. One-Call System
- 9) Other New Business
 - A. Honey Branch Control Valve
- 10) Consider Motion to Convene into Closed Executive Session
- 11) Consider Motion to Close Executive Session
- 12) Introduction of Guest-Five (5) Minute Maximum
- 13) Adjourn

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

**Martin County Water District
Regular Meeting of the Board of Directors
March 28, 2023, Meeting Minutes**

Presiding: James Kerr, Chairman
Present: Directors: Greg Crum, BJ Slone, Nina McCoy, John Hensley
Staff: Craig Miller (GM), Tyler Hall, (LM), Cassandra Moore
Guests: Tony Sneed, Ed Daniels

The Regular Meeting of the Martin County Water District was held on March 28, 2023, at the Martin County Government Center, at 42 East Main St (2nd Floor), Inez, Kentucky 41224. Mr. Kerr called the meeting to order at 6:00 p.m.

Mr. Kerr called for review of the February 28, 2023, Regular Board Meeting minutes.

- Mr. Hensley motioned to accept the February 28, 2023 minutes
- Mrs. McCoy seconded
- All ayes
- Motion carried

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

- Mr. Miller detailed each report as submitted
- Mr. Slone motioned to approve the Treasurer's report submitted
- Mr. Crum seconded
- All ayes
- Motion carried
- Mr. Miller presented Other Financials
- Mr. Hensley motioned to approve Other Financials
- Mrs. McCoy seconded
- All ayes
- Motion carried
- Mr. Miller notified the Board that the auditor was unable to attend, but if anyone had any questions, he would take them down and reach out for answers. He also mentioned that they did get a "qualified" opinion again because of the State Retirement reports needed
- Mr. Miller detailed the MDA report
- Mrs. McCoy asked if all the water utilities are having the issue with the state financial and receiving the reports that are using the State Retirement

- Mr. Sneed informed her that since we transitioned out of it, and have no more employees on the State Retirement anymore we must clear it out of our books
- Mr. Slone motioned to approve the 2022 Audit Draft
- Mr. Crum seconded
- All ayes
- Motion carried

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

- Mrs. McCoy asked if we were still purchasing water from Prestonsburg Utilities
- Mr. Miller advised that we started pumping water to the Prison in February, so we still have a little carry over that we had to pay, but we should be receiving a check the following month
- Mr. Hensley motioned to approve the List of Bills
- Mrs. McCoy seconded
- All ayes
- Motion carried

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

- No legal issues to discuss this meeting

Mr. Kerr called for review of the Operations Report.

- Mr. Miller advised that we have hired a new water treatment plant trainee with an anticipated mid-March start date, and another employee that has been with us for over a year is getting ready to take his test
- Revised SOP's for calibrating online turbidimeters
- Pace Construction installed a new twelve (12) inch flanged fitting on the plant effluent line at the WTP. This will ensure there are no pressure-related issues and improve durability of the effluent line
- Pace Construction completed painting on the walkway of Clarifier two (2). All three clarifier exteriors have now been repainted
- Fabtech and Pace Construction continued to locate and repair leaks in the center basin and underdrains of clarifier one (1)
- Mrs. McCoy asked if the leaks are where it didn't fit
- Mr. Miller advised that it was likely because of the metal fabrication and the concrete wall that were there previously. They had to fabricate the metal tightly as it went around the wall and had to weld seams and ensure that it was watertight.

More than likely some of those seams were missed or overlooked and once filled it drained over half that night. They have now searched and welded what they believe is all the corrections needed

- Painted the walkway on clarifier two (2)
- Xylem delivered our 1.8 MGD pump. The small pump is there and ready to go and AEP is there today and plan to have the permit power completed by end of week. Raw water pump will then be in service and begin pumping to the reservoir
- The only thing we still won't have completed is the cart. Pace is working on the cart
- Customer called the billing office and thanked the staff for informing her of a leak on her side of the meter, and she appreciated the staff for helping her understand how to check for leaks as well as repair them. Mr. Miller stated that it was nice to receive those types of calls. They are very much appreciated and means a lot to the staff

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

- Water loss was reported at **67.75%** for the month of February 2023
- Production numbers used for this report were from the new meter installed by Pace. This meter was out of calibration and confirmed by a third party. This month's flow numbers are not consistent with the rest of the year partially because of this. Flow is half of what it normally is because of this meter. This meter was fixed on February 7, 2023. Production is off about eight (8) million gallons
- Turkey has historically for the past year pumped around one hundred five (105) to one hundred thirty (130) thousand gallons of water per night. Currently for the past week and half has run about sixty (60) thousand gallons per day. Turkey water loss has been reduced by roughly sixty (60) thousand gallons a day. Staff is continuing to focus on turkey
- Staff has identified another water loss on 645 around Eden Elementary and Old Rt. 3 that they will focus on as well. Will keep on with each area until we can get the system on a tighter grip with water loss

Mr. Miller presented the Board with the March Leak Adjustments.

- Mr. Slone motioned to approve the March Leak Adjustments
- Mr. Hensley seconded
- All ayes
- Motion carried

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

- Mr. Miller stated they began the permanent power switch at Raw Water Intake
- Clean up work and painting of the walkway
- Once the clarifier is filled, they will have to have the Scada tech come back out and work with the level indicators and make sure they are all working properly and back online

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

- Mr. Kerr brought forward the information on the local one call systems provided to the county and school
- One-Solve charges twelve hundred (\$1,200) annually for ten thousand (10,000) credits. Any credits not used can be rolled over
- The School Board uses their Infinite Campus software. It cost them around fourteen (14) thousand to fifteen (15) thousand dollars annually. Theirs is also based on credits
- The Emergency Management uses a system called Code-Red. They also use credits and pay roughly fifty-five (55) hundred per year
- Mr. Crum mentioned it would be nice if we could only use it when needed
- Mrs. McCoy asked if that could be possible to only use it when needed and not all the time
- Mr. Miller advised that it could be possible to use only when needed. Mr. Miller also mentioned the "free" system we use now on the website. Reminding customers to sign up to receive any news or alerts for the system
- Mr. Sneed mentioned incentives to customers that sign up for the website. For example, taking the twelve hundred (1,200) annually for the cost of One-Solve and telling customers that the 120 customers that sign up you would take ten (10) dollars off their account
- Mr. Hensley mentioned that we couldn't do that with the District being PSC regulated
- Mr. Hensley motioned to table the decision until a later time
- Mr. Slone asked if we could ask Mr. Cumbo about the incentives option and then proceed with the decision
- Mr. Miller advised that we could do whatever the Board decides
- Mr. Hensley motioned to table the decision until a late date
- Mrs. McCoy seconded
- All ayes
- Motion carried

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

- Staff presented the Board with the auction sealed bids
- 2004 Ford Ranger 4x4 (White)
- 2005 Chevrolet Silverado V8 4x4 (White)
- 2005 Chevrolet Silverado V8 4x4 Regular Cab (White)
- 2008 Ford F350 Super Duty XL 4x4 Crew Cab (White)
- 1997 Ford F250 Heavy Duty Power Stroke Diesel, Regular Cab w/ tool bed (Red)
- 1997 Ford F350 XL Diesel, Hydraulic Dump Bed, Regular Cab (White)
- 2006 Chevy Blazer (White)
- 2005 Chevrolet 2500 HD 4x4 Extended Cab, 4 doors (White)
- 2005 Chevrolet Silverado 4x4 Regular Cab (Beige)

- 1997 Ford F800, Pump Truck, Regular Cab (White)
- The District has six (6) sealed bids
- Mr. Kerr opened each bid individually making sure to read aloud
- Josh Ramey, 1997 Ford F350, hydraulic dump bed, with a bid of sixteen (16) hundred and fifty (50) dollars- \$1650
- Josh Ramey, 1997 Ford F800, Pump Truck, with a bid of one (1) thousand seven (7) hundred and fifty (50) dollars- \$1750
- Bill Hammonds, 1997 Ford F350, hydraulic dump bed, with a bid of seven (7) hundred and fifty (50) dollars- \$750
- Bill Hammonds, 1997 Ford F250, heavy duty power stroke diesel red, with a bid of five (5) hundred dollars- \$500
- James Cline, 1997 Ford F800, pump truck, with a bid of thirteen (13) hundred dollars- \$1300
- James Cline, 1997 Ford F350, heavy duty power stroke diesel red, with a bid of one (1) thousand dollars- \$1000
- James Cline, 1997 Ford F350, hydraulic dump bed, with a bid of one (1) thousand dollars- \$1000
- James Cline, 2008 Ford F350, super duty, with a bid of one (1) thousand dollars- \$1000
- James Cline, 2004 Ford Ranger, with a bid of three (3) hundred dollars- \$300
- Damien Johnson, 2004 Ford Ranger, with a bid of three (3) hundred fifty (50) dollars- \$350
- Mr. Slone motioned to accept the highest bid that meets reserve
- Mr. Hensley seconded
- All ayes
- Motioned carried
- Staff presented to Board with quotes for the High Service Pump two (2) Variable Frequency Drive (VFD)
- The Martin county Water Treatment Plant's current VFD for High Service Pump 2 is obsolete, inoperable, and in need of replacement. Staff is requesting a motion to select a vendor for replacement. The quotes for a new VFD include:
- Service Pump, Toshiba VFAS3/200HP, VFD and installation of fourteen (14) thousand two (2) hundred thirty-three (33), anticipated delivery of August 2023- \$14,233
- Layne/DEQ, WEG CFW11/200HP, VFD and installation of twenty-two (22) thousand two (2) hundred fifty (50), anticipated delivery date of June 2023- \$22,250
- CITCO, ABB Powerflex/200HP, VFD of twenty-five (25) thousand thirty-five (35) dollars with no installation, no anticipated delivery date- \$25,035
- USBPT, ABB 880/250HP, VFD and installation of twenty-five (25) thousand four (4) hundred ninety-eight (98), anticipated delivery of July 2023- \$25,498
- If the Board agrees, staff recommends purchasing the WEG VFD through Layne/DEQ or the Allen-Bradley (ABB) drive through USBPT due to these vendors having past experience with the Water Treatment Plant and specifically our High Service Pump and related VFD's. However, due to cost savings associated with

Service Pump and the Toshiba VFD, staff would recommend Service Pump as a secondary option.

- Mr. Hall advised that the Toshiba is almost the exact match for a replacement of the current VFD for High Service Pump one (1). They are reliable and even other vendors have spoken highly of them for the price
- Layne and USBPT have both previously worked in the Water Treatment Plant
- Service pump has also been on site and worked at the plant as well
- Mr. Crum asked if it would be worth the extra money seven (7) or eight (8) thousand dollars for the experience of working there before
- Mr. Miller mentioned that he thought the best option for the District and their finances it would make the most sense to go with the lowest option. The only concern would be that Service Pump was wanting to charge just to come out and look with other companies came out for free. Mr. Miller advised he didn't have a worry about the product as much as he did with the support. We have a good relationship with Service Pump as well
- Mr. Sneed added that Toshiba is a highly recommended brand, and it's very possible that the mark up on the others could be because of the separation of the VFD cost and the technician to come out. They may have to separate the cost
- Mr. Slone motioned to approve the purchase of the Service Pump, Toshiba VFAS3/200HP for fourteen (14) thousand two (2) hundred and thirty-three (33), with the anticipated delivery date of August 2023- \$14,233
- Mr. Hensley seconded
- All ayes
- Motion carried
- Staff presented to Board with a five (5) year CIP list of improvements. This list has a scaling of one (1) to three (3). District staff has already set priorities; however, the Board should review and decide if they agree
- Mr. Kerr said this would help with putting them in the portal for grant funding
- Mr. Kerr stated that projects on 9C-2 were already projects that are in the portal and have been submitted
- Mr. Kerr stated that projects on 9C-3 are projects that staff and the leadership team have deemed as important and assigned priority too
- Mr. Kerr stated that page 9C-4 were capital items that we need to be working on as funding is available to the District. Things to make everyone aware of that the Board needs to be looking at and thinking about
- Mrs. McCoy asked if they needed to do this tonight
- Mr. Kerr asked if she had not had enough time to look over the list.
- Mr. Kerr asked if there was a time frame
- Mr. Miller advised that the Board could take as much time as needed, but the longer they take the less time they are in the grant portal for an established capital plan for the Water District
- Mr. Kerr advised that the list was simply a list of priorities that they scaled as important and needed to get into the portal
- The first one on the list was Inez Water Line and Valve Replacement

- Mr. Kerr stated to him that was a top priority and needs to be done sooner rather than later
- Mr. Hensley asked if the project with the city and the sidewalks was still underway
- Mr. Miller advised that it still had not been decided.
- Mr. Kerr stated they are seeking to work with the city and county once they get this done and he can sit down with Mr. Daniels and other officials to sit down and see if anyone has any interest in trying to work together on
- Mr. Kerr listed the seconded item on the list of Distribution Building and Pipe Yard
- Mr. Kerr said that it was basically a building for the staff to store equipment. It also helps with the aesthetics and security as well. It has a rating of three (3) which is a lower priority. It's something we would love to have but not something we necessarily need
- Next on the list was 292 Booster Station and Water Line Replacement. That's a top priority
- Mr. Slone asked if that project would just pick up where the previous 292 line replacement left off
- Mr. Miller advised, yes it would pick up where that project ended. Then the Booster Station, much like the Otto Brown Booster Station which is an underground station would be replaced. It's now passed its useful life
- Mr. Kerr continued reading the list with Big Elk and Buffalo Horn Water Line Replacement and Booster Station Rehabilitation
- Mr. Kerr mentioned that these projects were labeled a two (2). These are projects that are important as well, but you do have to rank them. Everything on the list is important and should be ones (1) but you still have to rank them
- Mr. Miller agreed that all the projects on the list should be a one (1), but this is a five (5) possibly ten (10) year plan. How are we going to rank them if we do get funds is what were looking at right now
- Mr. Slone mentioned that it would be nice to be able to bore our own projects
- Mr. Miller agreed it would be nice, it's fifteen (15) thousand for a Bore Machine. The District has paid five (5) to eight (8) thousand to have bore's done
- Mr. Slone asked if they could move that priority from a two (2) to a one (1)
- Mr. Miller advised the Board could do any ranking they felt was best
- Mr. Slone stated he makes a motion to move the Road Bore Machine to a one (1) ranking. It would save the District a ton of money
- Mr. Kerr agreed it would save the District money and make us more efficient
- Mr. Kerr mentioned that there are grants out there for equipment. The District could even possibly package together the vehicles
- Mr. Hensley mentioned that without having a Road Bore Machine the District is at the mercy of the Bore Company right now
- Mr. Miller agreed, stating that we have had a customer wait almost thirty (30) days to receive a tap because we were waiting on the contractor
- Mrs. McCoy asked if they were also looking at things that were in the portal
- Mr. Slone informed that they were basically looking at page 9C-3 right now that page 9C-2 were already in the portal

- Mr. Miller stated again that 9C-2 was already in the portal, so they are already seeking funding
- Mr. Miller mentioned that he doesn't have a cost on these yet, but he has reached out to Bell Engineering to get a scope of services for each project. They will do their pre-engineer report and staff could have that report in the Board Packet each month to show any progress made
- Mr. Sneed asked if there is a limit to number of projects you can submit to the portal
- Mr. Miller advised there was no limit that he was aware of
- Mr. Sneed asked why they wouldn't submit them all
- Mr. Miller advised they would submit them all
- Mrs. McCoy asked Mr. Sneed to repeat his question
- Mr. Sneed repeated his question. Is there a limit to the number of projects you submit to the portal? He reminded Mrs. McCoy that she had mentioned needing more time to look over the list and Mr. Miller had advised that the more time that took the longer it took to get them in the portal
- Mr. Miller advised that he would be asked for a ranking once he submits the projects into the portal, so he doesn't want to load the portal up and it be a lower priority and end up on the top
- Mrs. McCoy said she has seen that there might be one of these that we got as a two (2) and it seems to be something that want to do and it's a two (2) so it might be important that we know where we stand on some of these. We've got it as a two (2)
- Mr. Slone asked what project she was referring to
- Mrs. McCoy said it was Coldwater
- Mr. Slone asked if it was on page 9C-2?
- Mr. Kerr again mentioned those were already in the portal. All line replacements projects are two (2)
- Mr. Miller advised he just put those numbers in there for the ones already in the portal
- Mr. Kerr mentioned that forty (40) East is loosing six (6) million gallons right now that's why it's already in the portal. We're seeking grant funding for that project already
- Mrs. McCoy said it is, but she didn't get an email on it
- Mr. Kerr advised he didn't know what she was talking about
- Mr. Crum asked if maybe she didn't receive an email about the priority number?
- Mrs. McCoy said yes
- Mr. Miller advised he would be in the next meeting, and he would make sure she receives an email and talked about with the Water Council
- Mr. Kerr asked if there was any that they feel should be moved around or changed on the list on page 9C-3. He mentioned Mr. Slone again is wanting the Bore Machine moved from a two (2) to a one (1)
- Mrs. McCoy said we've got all of these at one (1) but if the money comes then you have to make the decision, so you just say you're going to pick a one (1)

- Mr. Miller stated that the projects will go in individually with a number and then when they put them out for grants, they decide if they want to fund them or not. Yes, they will or not and then they go back into next year's grant cycle. Keep in mind this CIP is not solely dependent on grant funding. At some point in the future the District will have to start funding some of these projects on their own. This will help the District with their financial assets
- Mrs. McCoy said there's a lot of money coming down
- Mr. Miller agreed and that's why they are trying to get these ranked and get them in the portal as soon as they can
- Mrs. McCoy said from the way she's been told it's the way you explain it, how's it going to save energy
- Mr. Kerr said that's the Big Sandy ADD's job
- Mrs. McCoy said we can get help from other people
- Mr. Miller mentioned the goal of this was to get the Board to adopt a CIP, rank priority of projects they want done and then work together with the correct people to write the grants
- Mr. Kerr stated they basically needed to get a five (5) year CIP in place based on the ranking to allow us a place in the portal
- Mr. Kerr asked again if there was ranking the Board felt needed changed
- Mr. Hensley motioned to change the priority rating of the Road Bore Machine from a two (2) to a one (1) and accept the presented five (5) year CIP
- Mr. Slone seconded
- All ayes
- Motion carried

Executive session not required.

Mr. Kerr inquired if there were any quest requesting to speak.

- Mr. Daniels asked what the Pension thing, what is that?
- Mr. Kerr advised it was the State Retirement Plan
- Mr. Miller clarified that the former employees were on the State Retirement System. The current employees work for Alliance. The former employees being on State Retirement system and closing out our books at the end of the year require reports from the State Retirement System and the District does not have those yet
- Mr. Daniels said the security deposits has a little over ninety-five (95) thousand in it. Aren't you all supposed to be getting interest on that and taking the interest off the customer's bills?
- Mr. Miller advised that yes, we are, and we do so. It's part of the billing system
- Mrs. McCoy said she has gotten
- Ms. Moore advised that it would be on the anniversary of the opening/initial deposit of your account
- Mr. Daniels asked where it would show on your account

- Ms. Moore advised it doesn't show on your bill it's taken off the bill before it is sent the end of the month to the customer, but billing could print out a history on the customer's account that would show the credit adjustment before bill printed
- Mr. Daniels asked if he could go to the billing office and get a print off of it
- Mr. Kerr advised he could
- A crowd customer (sister of Nancy Newsome, whom didn't identify herself or sign the sign in sheet) asked if we still use the same chemicals, we did five (5) years ago to purify the water?
- Mr. Miller said he would have to look at the chemical records from five (5) years ago, but he does know some chemical changes have been made. Coagulate is not the same, were using a different type of permanganate. So yes, he would say changes have been made
- The lady asked for the better?
- Mr. Miller advised, yes, he believed for the better
- The lady then stated that they're talking about all this grant money. When the grant money comes to Inez, KY where is the first place it stops?
- Mr. Kerr advised it doesn't come to us. It goes to the Big Sandy ADD, we don't touch the money
- Mr. Kerr advised Big Sandy ADD makes a draw to pay the contractors from the grant not Martin County Water District
- The lady then asked what does the District do with the money that is collected from everybody, the eighty-eight (88) dollars a month if you don't use the first drop. Every month, that's quite a bit even If you just have a thousand (1000) people, where does all of that go? Is that distributed out to pay employees or to pay whatever?
- Mr. Miller advised it goes in the operations account and then it distributed to pay bills, debt, fees, electricity, etc.
- The lady then asked what about people who don't live here full time. Her sister owns property here but lives with her. She only comes back three (3) or four (4) times a month. She can't afford to have it cut off and back on whenever she does come back. It's twenty (20) dollars to cut it off and twenty (20) dollars to put it back on. She can't afford that. Do you not have a vacation plan in place for people like that, who go south for the winter.
- Mr. Miller advised we had no policy in place for that, no
- The lady said the electric company has one and the gas company has one. They leave it on and when you use it then you pay for the minimum that you use not the full eighty-eight (88) that we charge. Why don't you have one in place?
- Mr. Slone stated that this is the first time we've ever been asked that question
- Mr. Kerr agreed that it was the first time they'd ever been asked that question and he didn't know anything like that even existed
- The lady stated that there should be a standard on the water bill
- Mr. Miller stated that the only thing he would remind the Board of, is the fact that the PSC does set the minimum water bill
- The lady said the PSC does not set the minimum water bills
- Mr. Miller advised, yes, the PSC does set the minimum water bills

- The lady said, yes, they set them but not the eighty-eight (88) dollars, that's an awful high water
- Mr. Hensley asked if that was a bill for water and sanitation
- Mr. Miller advised yes, it is a minimum for water and sanitation
- Mrs. McCoy said there is a way to set a rate and can change how you charge customers, you can pay by the gallon
- Mr. Miller again stated that it would have to be approved by the PSC
- Mr. Kerr stated that any utility in the state of Kentucky anything like that has to be approved by the Public Service Commission
- Mr. Miller added that it's only for District's not municipals
- The lady said even with all the drastic improvements that has supposed to have been made. She knows a lot of them is underground, she understands that. She understands the lines need replaced and the valves and the switches and all of that, but in the long run the water hasn't improved that much. Her sister has been gone for three (3) months. They made sure all the water was off, everything was cleaned. Came back after three (3) months and the water in the toilet was crusted over
- Nancy Newsome said it looked like someone had diarrhea and used her toilet
- Mr. Miller advised that with them being gone from the house for three (3) months he couldn't speculate what the issue may be
- Mrs. McCoy said when the freeze happened her toilets emptied without even flushing
- Mr. Miller advised that shouldn't happen. That would be a sanitation issue not water because the water doesn't come up from the toilet
- Nancy Newsome said she is having to pay a water bill every month for a zero (0) usage. It's not fair, she's not used a drop of our water. On top of that we are charging her for Sanitation and that's not fair. She contacted the commission about it, and they told her to come address the Board. She said she shouldn't be on the Sanitation. They asked if she lived in the city limits and she said no she don't. They asked if she paid city tax, and she said no she don't. She's not in the City limits, and they said you don't have to pay for Sanitation.
- Mr. Slone asked where she lived
- Mr. Miller advised it was up Turkey Creek
- Nancy Newsome said her neighbor doesn't have to pay Sanitation because she's not in city limits. Said she's not in city limits either
- Mr. Kerr advised it doesn't matter if you live within city limits it whether you're on our system of not
- Mrs. Newsome said she doesn't need city sanitation and she doesn't want it
- Mr. Kerr informed Mrs. Newsome that since this was a Sanitation issue, would she care to wait and discuss it in the Sanitation meeting
- Mrs. Newsome answered that yes, she would wait to discuss
- Mrs. Newsome then asked what could she do about the water bill then. She doesn't want to pay much.
- Mr. Kerr mentioned that there's not a lot they can do about minimum bill, that is set by the PSC

- Mr. Hensley mentioned that the only thing they could do is to pull or turn off the meter when she's not here
- Mr. Kerr advised that there are certain guidelines that we must follow. Whether you use the water or not that is set by the PSC, and you have to pay a minimum
- Mrs. Newsome stated to Mr. Kerr that one of these day's he is going to be old and somebody's going to be screwing you over just like me. Don't you forget that you're going to be in my place with a big bill and you not even using water
- Mr. Kerr advised he wished he could help or give her a better answer
- Mrs. Newsome said it's not right or fair
- Mr. Kerr advised again he wished he could help or give her a better answer, but unfortunately, we have rules we have to follow. We could offer her the options to turn the water on and off whenever she does come back here
- Mr. Miller advised Mrs. Newsome that she has his number as well as the office number she can call him or the office any time. It doesn't take us that long to get the water on and off for her. All she has to do is make the call and the service order will be made.
- Mrs. Newsome said they needed to be more considerate of older people like her
- Mr. Miller advised that again that is a PSC rate set, we have no control over that

Mr. Kerr requested a motion to adjourn.

- Mr. Crum motioned to adjourn meeting at 7:32 p.m.
- Mr. Slone seconded
- All ayes
- Motion Carried

Minutes approved this _____ day of _____, 2023.

James Kerr, Chairman

Cassandra Moore, District Clerk

Martin County Water District
Balance Sheet
March 31, 2023

03/31/23

ASSETS

CURRENT ASSETS

Checking Account - Operations	\$	23,590.04
Revenue Fund - EFT		8,366.60
Debt Service Surcharge Fund		43,295.02
Management Infrastructure Surcharge Fund		1,000.15
Security Deposits		97,241.54
Cash on Hand		900.00
Total Cash		174,393.35
Accounts Receivable		291,542.73
Allowance for Doubtful Accounts		(41,339.75)
Unbilled Accounts Receivable		80,438.00
Inventory		2,948.14
Prepaid Expenses		12,909.86
Total Current Assets		520,892.33

PROPERTY, PLANT, & EQUIPMENT

Land	214,713.83
Water Supply & Distribution System	28,414,169.15
Buildings	500,263.89
Equipment & Furniture	6,340,341.06
Vehicles	138,773.45
Leased Assets	33,934.71
Less: Accumulated Amortization - ROU leased asset	(11,837.70)
Less: Accumulated Depreciation	(18,671,669.72)
Net Property, Plant, & Equipment	16,958,688.67

RESTRICTED CASH

Grant Fund	63.07
Sinking Fund - RD	15,310.00
Regions Sinking Fund	40,185.31
KIA Sinking Fund	11,801.17
KACO Sinking Fund	1,106.88
Depreciation Fund	1,022.30
Cost of Issuance Fund 2022	2,098.00
Certificate Fund - 2022 Debt Svc	37,216.19
Revenue Fund - 2022	3,416.62
Accrued Interest Receivable	274.00
Total Restricted Cash	112,493.54

Total Assets **\$ 17,592,074.54**

Martin County Water District
Balance Sheet
March 31, 2023

03/31/23

LIABILITIES AND DISTRICT'S EQUITY

CURRENT LIABILITIES

Accounts Payable	\$	130,525.75
Sales Tax Payable		1,880.03
School Tax Payable		5,790.78
Long Term Debt-Current		54,845.14
Accrued Interest Payable		20,548.77
Customer Deposits		91,194.43
Total Current Liabilities		304,784.90

LONG-TERM DEBT

Lease Liability - Rent		22,980.85
Note Payable - KIA		268,812.57
Lease Payable - KACO		26,221.96
Bonds Payable - 2015 E Current Refunding		1,585,000.00
Bonds Premium - 2015 E, Net of A/Amort		16,418.87
Bonds Payable - 2022 B		1,110,000.00
Bonds Premium - 2022 B, Net of A/Amort		3,293.13
Less Current Portion of L-Term Debt		(54,845.14)
Other Inflow Resources - Pension		372,879.00
Total Long-Term Debt		3,350,761.24

Total Liabilities

3,655,546.14

DISTRICT'S EQUITY

Retained Earnings (Deficit)		14,091,210.57
YTD Net Income		(154,682.17)
Total District's Equity		13,936,528.40

Total Liabilities and District's Equity

\$ 17,592,074.54

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

March, 2023			YTD		Annual
Actual	Budget		Actual	Budget	Budget
		Operating Revenues			
\$ 148,862	\$ 175,833	Water Sales - Residential	\$ 520,669	\$ 527,499	\$ 2,110,000
12,759	29,167	Water Sales - Commercial	85,424	87,501	350,000
7,188	10,000	Water Sales - Public Authorities	19,612	30,000	120,000
-	4	Bulk Water Sales	-	12	50
-	2,437	Connection Fees - Tap	3,000	7,311	29,246
5,185	4,583	Late Charge Fees	17,852	13,749	55,000
3,185	2,650	Reconnect/Meter Sets/Other Fees	5,198	7,950	31,801
8,755	8,917	Debt Service Surcharge	26,236	26,751	107,000
15,721	15,839	Management Infrastructure Surcharge	47,095	47,517	190,070
<u>201,656</u>	<u>249,430</u>	Total Operating Revenues	<u>725,086</u>	<u>748,290</u>	<u>2,993,167</u>
		Operating Expenses			
-	7,500	Water Purchased	12,092	22,500	90,000
168,507	168,507	Management & Operations Contract	505,521	505,521	2,022,084
22,348	27,917	Utilities	62,452	83,751	335,000
2,219	2,500	Insurance	6,597	7,500	30,000
42,243	5,000	Repairs & Maintenance	44,243	15,000	60,000
46	250	Outside Services	139	750	3,000
-	800	Legal Expenses	2,525	2,400	9,600
7,985	8,000	Accounting/Audit	7,985	8,000	8,000
4,167	4,167	Bad Debts	12,500	12,501	50,000
450	-	Bond Trustee Fees	900	500	500
385	270	Dues	1,155	810	3,235
292	228	Office Expense	1,129	684	2,732
-	833	Rent Expense	0	2,499	10,000
159	125	KY 811 Services	360	375	1,500
45	54	Miscellaneous Expenses	148	162	652
4	4	Customer Deposit Interest Expense	8	12	53
<u>248,849</u>	<u>226,155</u>	Total Operating Expenses	<u>657,754</u>	<u>662,965</u>	<u>2,626,356</u>
<u>(47,193)</u>	<u>23,275</u>	Net Income B/4 Other Income (Expenses)	<u>67,332</u>	<u>85,325</u>	<u>366,811</u>
		Other Income (Expenses)			
279	-	Interest Income	1,082	-	-
(9,058)	(8,333)	Interest Expense	(26,905)	(24,999)	(100,000)
(397)	63	Amortization	(1,191)	189	753
(65,000)	(65,000)	Depreciation	(195,000)	(195,000)	(780,000)
<u>(74,176)</u>	<u>(73,270)</u>	Total Other Income (Expenses)	<u>(222,014)</u>	<u>(219,810)</u>	<u>(879,247)</u>
<u>\$ (121,369)</u>	<u>\$ (49,995)</u>	Net Income (Loss)	<u>\$ (154,682)</u>	<u>\$ (134,485)</u>	<u>\$ (512,436)</u>

**Martin County Water District
Inez, KY**

Treasury Report

Billing Charges For the Month of:	Mar-23	
Water Revenue		\$ 148,861.92
Water Revenue-Commercial		12,759.31
Water Revenue-Commercial Exempt		7,187.98
Late Charges		5,184.79
Sales Taxes		1,794.32
Debt Service Surcharge		8,754.95
School Tax		5,798.64
Management Infrastructure Surcharge		15,721.29
Returned Check		889.04
Interest on Customer Deposits		(3.38)
Connection Fees		-
Other Miscellaneous Fees		3,185.40
Deposits Applied		(2,296.00)
Refund Checks Paid		280.07
Total Billing Charges		\$ 208,118.33
		<hr/>
Gallons Billed		9,299,230
		<hr/>
Customers Billed		3,363
		<hr/>

Accounts Receivable	Mar-23	
Beginning Balance		332,250.70
Billing Charges		208,118.33
Bad Debt (Write Offs) Recoveries		617.62
Accounts Receivable Collections		(249,443.92)
End of Month Accounts Receivable		291,542.73

Operations Account		
Beginning Balance		\$ 50,233.34
Deposits		
Accounts Receivable Collections		249,443.92
Accounts Receivable Collections - Pmts in EFT Revenue Account		(105,704.84)
Sewer Billing Collections in Water Bank Acct - Due to MCS		75,534.38
Customer Deposits Received		1,755.00
Transfers from Other District Accts		107,000.00
Total Deposits		328,028.46
Disbursements:		
Checks Written		(183,864.88)
Pmts made to Sanitation for A/R Collections		(93,143.40)
Transfers to Other District Accts		(52,350.68)
Auto Drafted Utilities		(15,415.58)
Sales and School Tax Payments		(9,431.97)
Returned Checks		(420.25)
Bank Fees		(45.00)
End of Month Balance		\$ 23,590.04
		<hr/>
Cash Receipts Collected To Date in:	Apr-23	192,054.55
Bills Submitted for Payment in:	Apr-23	(280,261.20)
Available Balance	3A-4	(64,616.61)

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

Bank Account	Beginning Balance	Deposits	Interest Earned, Net of Fees	Payments	Ending Balance
Operations Account	\$ 50,233.34	328,028.46	-	(354,671.76)	\$ 23,590.04
Revenue EFT Account	10,139.44	105,704.84	-	(107,477.68)	8,366.60
Debt Service Surcharge	72,749.72	10,542.16	3.14	(40,000.00)	43,295.02
Management Infrastructure Surcharge	1,000.09	18,928.52	0.15	(18,928.61)	1,000.15
Security Deposits	96,531.25	1,080.00	4.16	(373.87)	97,241.54
Cash on Hand	900.00	-	-	-	900.00
Total Unrestricted Cash	231,553.84	464,283.98	7.45	(521,451.92)	174,393.35
Restricted Cash					
ARC Grant	63.07	-	-	-	63.07
Rockhouse Project	14,960.31	10,800.00	-	(10,450.31)	15,310.00
Regions Bank-KY 2015E Martin County	29,662.31	10,450.31	72.69	-	40,185.31
KIA Bond & Interest	11,667.19	5,800.00	0.18	(5,666.20)	11,801.17
KY Assoc of Counties Leasing Trust	11,143.42	5,200.00	0.13	(15,236.67)	1,106.88
Depreciation Reserve	1,022.28	-	0.02	-	1,022.30
Cost of Issuance Fund 2022	2,098.00	-	-	-	2,098.00
Certificate Fund - 2022 Debt Svc	37,092.72	-	123.47	-	37,216.19
Revenue Fund - 2022	3,405.28	-	11.34	-	3,416.62
Total Restricted Cash	111,114.58	32,250.31	207.83	(31,353.18)	112,219.54
Total Cash & Investments	\$ 342,668.42	496,534.29	215.28	(552,805.10)	\$ 286,612.89

**Martin County Water District
Billing Summary**

Date	Billed		Gallons (000'S)	Billed # of Customers	Payments Received
	Revenue	YTD Total			
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
May-22	227,120	1,067,765	13,264	3,408	228,491
Apr-22	217,383	840,645	12,472	3,400	326,456
Mar-22	217,996	623,262	12,399	3,384	235,719

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

<u>Vendor</u>	<u>Description</u>	<u>Amount</u>
Operations Account		
1 AEP	Electric (26 bills) Estimated	\$ 19,275.70
2 Big Sandy RECC	Electric (9 bills) Estimated	\$ 2,901.25
3 Paintsville Utilities	Electric for token (2/03/22 to 3/03/23) Estimated	\$ 29.05
4 Martin County Public Library	Rent (May)	\$ 819.40
5 Martin County Water District	Sanitation (Mar)	\$ 141.67
6 Sales tax	3/2023 (estimated)	\$ 2,847.83
7 School tax	3/2023 (estimated)	\$ 6,584.14
8 Alliance Water Resources	4/1/23-4/15/23 O&M services	\$ 84,253.50
9 Alliance Water Resources	4/16/23-4/31/23 O&M services	\$ 84,253.50
10 Alliance Water Resources	Insurance Policy Installment (4/10)	\$ 1,809.60
11 Management Inf. Surcharge	Estimated (actual collected will be paid)	\$ 18,928.52
12 Debt Service Surcharge	Estimated (actual collected will be paid)	\$ 10,542.16
15 Kentucky Underground	811 Services (Mar)	\$ 159.00
16 FPG	Meter Repairs/Parts	\$ 105.12
17 Estech Systems	Phone System (Apr)	\$ 222.93
18 NexBillPay	Fees (Mar)	\$ 75.00
19 Marine Solutions	Intake Screen Divers	\$ 9,175.00
20 Pochontas Royalties, LLC	Lease (05/24/2023/05/24/2024)	\$ 25.00
21 Wade Stables	Audit 2022	\$ 7,985.00
22 J&J Autocare	Pump Truck Repairs	\$ 1,493.00
23 R&L Paving	Sidewalk Replacement	\$ 1,700.00
24 R&L Paving	Asphalt/Concrete Patching	\$ 23,700.00
25 Wilson Equipment	Excavator Maintenance	\$ 1,028.70
26 Consolidated Pipe	Dollar General Tap Parts	\$ 742.78
27 Consolidated Pipe	Dollar General Tap Parts	\$ 676.00
28 Consolidated Pipe	Meter Repairs/Parts	\$ 787.35
TOTAL		\$ 280,261.20

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	\$ 5,200.00
3 KRW/Regions Bank	Monthly funding for loan	\$ 10,800.00
TOTAL		\$ 21,800.00

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

<u>Vendor</u>	<u>Description</u>	<u>Amount</u>
TOTAL OPERATIONS		\$ 302,061.20
 Security Deposit Account		
Customer		
1 John & Linda Crum	Deposit refund due to customer	\$ 10.81
2 Sarah Frey	Deposit refund due to customer	\$ 17.76
3 Mountain Valley Caskets LLC	Deposit refund due to customer	\$ 3.17
4 Avis Hinkle	Deposit refund due to customer	\$ 31.26
5 Anna Dye	Deposit refund due to customer	\$ 47.34
6 Crystal & Michael Fuggett	Deposit refund due to customer	\$ 30.36
7 Janet Perry	Deposit refund due to customer	\$ 195.31
TOTAL		\$ 336.01

**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

March 2023

Administrative

Staff has completed and submitted the yearly UFR's. This keeps us up to date with all our information and records to the PSC.

Water Treatment

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

Pace Construction continued locating and repairing leaks in the filter beds and underdrains in Clarifier 1 to ensure proper function and treatment once the unit is online

Leger Electric and AEP finished permanent power installation at the Raw Water Intake site. This allowed crews to set-up the 1.8 MGD pump and resume pumping to the reservoir

Repaired leaking brake lines and seized master cylinders on WTP sludge truck

Hauled over 20 loads of sludge from WTP decant pit to create needed space for operators to perform adequate backwashing and sludge wasting and ensure proper Clarifier function and filter performance

Changed Stenner peristaltic pump tube in Post Cl2 feed pump to prevent possible leaks and ensure proper dosage is fed

Filled Clarifier 1 flocculation basin to check for leaks and prepare for unit start-up

Backwashed filters in Clarifier 1 to locate possible leaks
Removed and cleaned check valve on polymer feed pump to ensure longevity and accurate dosage is fed

Greased both Turkey booster pumps

Greased High Service Pump 2


Professional Water and Wastewater Operations
Martin County Water District

WTP operators began lowering raw water flow to the plant due to Clearwell tanks reaching capacity. Lowering influent flow allows for decreased strain on filters and allows for continuous treatment instead of plant shutdowns

Distribution:

Installed new starter, overload switch, and relay with contact block at Calloway BPS due to moisture issues. Placed corrosion inhibitors in the electrical panel, drained and cleaned humidifier to prevent future moisture related issues.

Reset telemetry and tightened loose connections in RTU enclosure at Calloway BPS to restore remote functionality.

Distribution team members have also been implementing a methodical leak detection program that has yielded great results.

Distribution team members repaired 20 service leaks this month. They also repaired main leaks located at: 8" on Davella, 4" main on Pigeon Roost, 3" on Cook Drive, 8" main on Beauty Road, 4" main on Turkey.

Distribution team members completed two pre-tap inspections. The team also completed a commercial tap for the new Dollar general in Inez.

Team members completed service orders, flushed lines, completed line locates, and replaced faulty shutoffs.

Team members completed maintenance and repairs on trucks and equipment this month, which included replacing the intake, plugs, wires, and oil change on tool truck. Replacing the final drive on the sewer excavator. Welding on the Sludge truck to seal up leaks on the holding tank. Also including the repair of the Backhoe and the meter reading truck.

R&L paving completed work on overdue asphalt and concrete repair work needed throughout the district.

Safety

The monthly safety meeting was held on March 6th and covered Back Injury Prevention and Slips, Trips, and Falls



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

Training

Customer Service:

Staff had a customer call to wish us all a Happy Easter! Said she missed talking to us, she doesn't have a reason to call now that MCWD has fixed the pressure problem in her area.

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 MARCH	
Total Water Production (gallons)	50,762,000
Total Water Metered/Billed (gallons)	10,040,000
Other Water Used (gallons)	865,000
Total Water Loss (gallons)	39,857,000
Portion of TWL due to Main Breaks (gallons)	21,593,000
Average Daily Flow (Million Gallons per Day)	1.637 MGD
Maximum Daily Flow	1.738 MGD
Fluoride Used (lbs.)	446.1
Chlorine Used (lbs.)	1,371.3
Lab Tests	3,823

Water Quality Analysis

Test	Routine	Special	Repeat
Bacteriological	10 (Pass)	0 (Pass)	0
		Reported	Minimum Limit
Fluoride Plant Sample	31	0.73 mg/l Average	0.6 mg/l
Chlorine Distribution Sample	Total- 36 Free- 36	Low Readings Total - 0.56 mg/L Free – 0.42 mg/L	0.2 mg/l

Customer Service Request and Work Orders

Meter Reads	3326
Meter Sets	30
Turn offs-Close account	22
Taps	0
Meter Changes	19
Disconnects for Non-payment	35
Boil Notices	0
Line Locates	130
Water Leaks/Breaks	40
Other/Investigates	102



Martin County Water District

Water Main Breaks & Service Lines

Date	Location	Loss (Gallons)
3/1/23	181 Pigeon Roost Rd	39,391
3/2/23	1384 Wolf Crk	42,892
3/6/23	359 Collins Crk	193,452
3/6/23	675 W Main St	514,704
3/6/23	194 Tipple Rd	354,523
3/8/23	47 Gospel Light	59,087
3/8/23	County Garage	1,494,802
3/9/23	138 Cook Dr	1,240,832
3/9/23	60 Alex Pl	492,394
3/9/23	4195 N Wolf Crk	96,726
3/10/23	1065 W Main St	171,568
3/10/23	45 Tomahawk Rd	1,181,745
3/13/23	792 Petercave	21,446
3/13/23	549 Old Middle Fork Rd	21,446
3/17/23	Debbie's Hair Saloon	2,678,621
3/20/23	Turkey Crk Rd	3,151,319
3/20/23	252 Upper Alpha	343,136
3/22/23	95 Young Estates	78,783
3/23/23	33 Collins Crk	2,008,966
3/23/23	Collier Rd	271,619
3/23/23	Pigeon Roost Rd	967,259
3/28/23	97 Newberry Ln	2,205,923
3/28/23	5339 Hode Rd	236,349
3/29/23	51 Henry Goble	772,056
3/30/23	Calf Creek	2,954,362

Repair Expenses Ending February 2023

Expended	Actual YTD	Annual Budget	% Budget / Line Item
Bldg. & Grounds Maintenance	\$0	\$5,000	0%
Vehicle Maintenance	\$6,211	\$20,000	31%
Water Plant Maintenance	\$730	\$10,000	7%
Distribution System Maintenance	\$49,258	\$50,000	98%
Water Meter Maintenance	\$2,565	\$10,000	26%
Street Maintenance	\$38	\$3,141	1%
Totals	\$58,802	\$98,141	60%

Chemical Expenses Ending February 2023

Expended	Actual YTD	Annual Budget	% Budget / Line Item
Sodium Hydroxide	\$0	\$11,000	0%
Polymer	\$0	\$15,000	0%
Alum (DELPAC)	\$4,804	\$30,000	16%
Chlorine	\$5,494	\$20,000	27%
Permanganate	\$0	\$19,000	0%
Fluoride	\$7,847	\$7,000	112%
Chemicals Other - Water	\$126	\$8,000	1%
Totals	\$18,271	\$110,000	18%

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

Notes:

- 1) Building & Grounds Maintenance
 - a. \$0.00

- 2) Vehicle Maintenance
 - a. Advance Auto \$44.50
 - b. Advance Auto \$19.39
 - c. Advance Auto \$81.05
 - d. Advance Auto \$8.47
 - e. Advance Auto \$492.82
 - f. Advance Auto \$20.13
 - g. Advance Auto \$133.25
 - h. Capital Tire \$131.06
 - i. Advance Auto \$240.59
 - j. Advance Auto \$84.76
 - k. Advance Auto \$275.00
 - l. Advance Auto \$161.44
 - m. O'Reilly's Auto \$36.42

- 3) Water Plant Maintenance
 - a. Howell's Heating & Cooling \$286.88
 - b. Howell's Heating & Cooling \$309.03

- 4) Well Maintenance
 - a. \$0.00

- 5) Distribution System Maintenance
 - a. Consolidated Pipe & Supply \$1,530.24
 - b. R & J Building Supply \$213.13
 - c. Consolidated Pipe & Supply \$203.86
 - d. Consolidated Pipe & Supply \$500.74
 - e. Consolidated Pipe & Supply \$1,606.89
 - f. CITCO Water \$2,236.62
 - g. Consolidated Pipe & Supply \$1,525.76
 - h. R & J Building Supply \$19.06
 - i. R & J Building Supply \$9.53
 - j. Lowes \$182.32

- 6) Meter Maintenance
 - a. \$0

- 7) Sodium Bisulfite
 - a. CITCO Water \$126.41

- 8) Sodium Hydroxide
 - a. \$0.00

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Professional Water and Wastewater Operations
Martin County Water District

- 9) Lime/Caustic Soda
 - a. \$0.00

- 10) Polymer
 - a. \$0.00

- 11) Alum
 - a. CITCO Water \$1,818.15
 - b. CITCO Water \$2,986.02

- 12) Chlorine
 - a. CITCO Water \$2,159.89
 - b. CITCO Water \$3,334.39

- 13) Permanganate
 - a. \$0.00

- 14) Fluoride
 - a. CITCO Water \$6,688.81
 - b. CITCO Water \$1,158.41

- 15) Chemicals Other – Water
 - a. \$0

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility: Martin County Water District

For the Month of: March Year: 2023

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	50,762
3	Water Purchased	
4	TOTAL PRODUCED AND PURCHASED	50,762
5		
6	WATER SALES	
7	Residential	7,288
8	Commercial	2,011
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	741
13	Other Sales (explain)	
14	TOTAL WATER SALES	10,040
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	865
18	Wastewater Plant	
19	System Flushing	
20	Fire Department	14
21	Other Usage (explain)	
22	TOTAL OTHER WATER USED	879
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	21,593
27	Line Leaks	18,250
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	39,843
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)	78.49%

replaced busted pressure regulator

BILLED GALLONS/COST	38,780	427.24	
AVG GALLONS/BILL	3,000	51.91	
LEAK GALLONS/PURCH COST	35,780	71.56	
PAY (avg+leak cost)		123.47	
WRITE OFF (billed-avg-purch cost)		303.77	
LATE PENALTIES TO ADJ		0.00	303.77

Della Robinson 02-0511-02 100 Stepp Btm
line from floor to commode busted; repaired

BILLED GALLONS/COST	12,950	152.72	
BILLED GALLONS/COST	12,610	156.29	
AVG GALLONS/BILL	4,000	62.40	
LEAK GALLONS/PURCH COST	8,950	17.90	
LEAK GALLONS/PURCH COST	8,610	17.22	
PAY (avg+leak cost)		80.30	
PAY (avg+leak cost)		79.62	
WRITE OFF (billed-avg-purch cost)		72.42	
WRITE OFF (billed-avg-purch cost)		76.67	149.09
LATE PENALTIES TO ADJ		15.27	15.27
SEWER	12,950	190.13	127.51
SEWER	12,610	195.17	132.55
SEWER ADJ	4,000	62.62	
SWR PENALTIES TO ADJ		19.01	19.01
			424.42

Traci Horn 07-0924-00 830 Eden Ln
leaking toilet; repaired

BILLED GALLONS/COST	13,110	157.96	
AVG GALLONS/BILL	6,000	83.38	
LEAK GALLONS/PURCH COST	7,110	14.22	
PAY (avg+leak cost)		97.60	
WRITE OFF (billed-avg-purch cost)		60.36	60.36
LATE PENALTIES TO ADJ		0.00	
SEWER	13,110	197.54	105.30
SEWER ADJ	6,000	92.24	
SWR PENALTIES TO ADJ		0.00	165.66

Cameron Preston 08-1082-00 31 Ford Pl
leak near meter box; repaired

BILLED GALLONS/COST	424,390	4472.29	
BILLED GALLONS/COST	76,530	823.24	
AVG GALLONS/BILL	4,000	62.40	
LEAK GALLONS/PURCH COST	420,390	840.78	
LEAK GALLONS/PURCH COST	72,530	145.06	
PAY (avg+leak cost)		903.18	
WRITE OFF (billed-avg-purch cost)		4247.29	

LATE PENALTIES TO ADJ		82.32	4,247.29
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MARTIN COUNTY WATER & SANITATION DISTRICT
LEAK ADJUSTMENT REQUESTS
4/18/2023

broken line under home; repaired

BILLED GALLONS/COST	259,520	2742.80	
AVG GALLONS/BILL	2,000	41.42	
LEAK GALLONS/PURCH COST	257,520	515.04	
PAY (avg+leak cost)		556.46	
WRITE OFF (billed-avg-purch cost)		2186.34	
LATE PENALTIES TO ADJ		238.24	2,424.58

broken line; repaired

BILLED GALLONS/COST	12,760	154.29	
AVG GALLONS/BILL	2,000	41.42	
LEAK GALLONS/PURCH COST	10,760	21.52	
PAY (avg+leak cost)		62.94	
WRITE OFF (billed-avg-purch cost)		91.35	
LATE PENALTIES TO ADJ		0.00	91.35

broken line under home; repaired

BILLED GALLONS/COST	66,110	713.93	
AVG GALLONS/BILL	2,000	41.42	
LEAK GALLONS/PURCH COST	64,110	128.22	
PAY (avg+leak cost)		169.64	
WRITE OFF (billed-avg-purch cost)		544.29	
LATE PENALTIES TO ADJ		71.39	615.68

broken line near meter; repaired

BILLED GALLONS/COST	38,840	427.87	
AVG GALLONS/BILL	2,000	41.42	
LEAK GALLONS/PURCH COST	36,840	73.68	
PAY (avg+leak cost)		115.10	
WRITE OFF (billed-avg-purch cost)		312.77	
LATE PENALTIES TO ADJ		0.00	312.77

replaced water heater after prior one ruptured

BILLED GALLONS/COST	29,450	329.37	
AVG GALLONS/BILL	11,000	135.83	
LEAK GALLONS/PURCH COST	18,450	36.90	

PAY (avg+leak cost)		172.73
WRITE OFF (billed-avg-purch cost)		156.64
LATE PENALTIES TO ADJ		0.00

156.64

Line break at coupling; repaired

BILLED GALLONS/COST	13,630	163.42
BILLED GALLONS/COST	6,930	93.14
AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH COST	11,630	23.26
LEAK GALLONS/PURCH COST	4,930	9.86
PAY (avg+leak cost)		64.68
WRITE OFF (billed-avg-purch cost)		182.02
LATE PENALTIES TO ADJ		0.00

182.02

broken water line; repaired

BILLED GALLONS/COST	21,670	247.76
BILLED GALLONS/COST	12,080	147.16
AVG GALLONS/BILL	6,000	83.38
LEAK GALLONS/PURCH COST	15,670	31.34
LEAK GALLONS/PURCH COST	6,080	12.16
PAY (avg+leak cost)		114.72
WRITE OFF (billed-avg-purch cost)		268.04
LATE PENALTIES TO ADJ		0.00

268.04

toilet was leaking; repaired tank internals

BILLED GALLONS/COST	17,130	200.13
BILLED GALLONS/COST	5,000	72.89
AVG GALLONS/BILL	6,000	83.38
LEAK GALLONS/PURCH COST	11,130	22.26
LEAK GALLONS/PURCH COST	(1,000)	-2.00
PAY (avg+leak cost)		105.64
WRITE OFF (billed-avg-purch cost)		169.38
LATE PENALTIES TO ADJ		30.23

169.38

busted meter; do not hold against customer

BILLED GALLONS/COST	19,740	227.51
AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH COST	17,740	35.48
PAY (avg+leak cost)		76.90
WRITE OFF (billed-avg-purch cost)		150.61
LATE PENALTIES TO ADJ		18.04

168.65

replaced busted pressure regulator

BILLED GALLONS/COST	38,780	427.24
AVG GALLONS/BILL	3,000	51.91
LEAK GALLONS/PURCH COST	35,780	71.56
PAY (avg+leak cost)		123.47
WRITE OFF (billed-avg-purch cost)		303.77
LATE PENALTIES TO ADJ		0.00

303.77

line from floor to commode busted; repaired

BILLED GALLONS/COST	12,950	152.72
BILLED GALLONS/COST	12,610	156.29
AVG GALLONS/BILL	4,000	62.40
LEAK GALLONS/PURCH COST	8,950	17.90
LEAK GALLONS/PURCH COST	8,610	17.22
PAY (avg+leak cost)		80.30
PAY (avg+leak cost)		79.62
WRITE OFF (billed-avg-purch cost)		72.42
WRITE OFF (billed-avg-purch cost)		76.67
LATE PENALTIES TO ADJ		15.27
SEWER	12,950	190.13
SEWER	12,610	195.17
SEWER ADJ	4,000	62.62
SWR PENALTIES TO ADJ		19.01

149.09

15.27

127.51

132.55

19.01

424.42

leaking toilet; repaired

BILLED GALLONS/COST	13,110	157.96
AVG GALLONS/BILL	6,000	83.38
LEAK GALLONS/PURCH COST	7,110	14.22
PAY (avg+leak cost)		97.60
WRITE OFF (billed-avg-purch cost)		60.36
LATE PENALTIES TO ADJ		0.00
SEWER	13,110	197.54
SEWER ADJ	6,000	92.24
SWR PENALTIES TO ADJ		0.00

60.36

105.30

165.66

leak near meter box; repaired

BILLED GALLONS/COST	424,390	4472.29
BILLED GALLONS/COST	76,530	823.24
AVG GALLONS/BILL	4,000	62.40
LEAK GALLONS/PURCH COST	420,390	840.78
LEAK GALLONS/PURCH COST	72,530	145.06
PAY (avg+leak cost)		903.18
WRITE OFF (billed-avg-purch cost)		4247.29

LATE PENALTIES TO ADJ		82.32	4,247.29
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MARTIN COUNTY WATER DISTRICT 5 YEAR CAPITAL ITEMS						
CAPITAL PROJECTS IN GRANT PROCESS	PRIORITY	GRANT PORTAL YEAR	CONSTRUCTION YEAR	COST	FUNDING SOURCE	COMMENTS
40E SERVICE LINE REPLACEMENT AND 6" ABANDONMENT	1	2023		\$ 760,000	IN GRANT PORTAL	MOVING 50+ CUSTOMERS TO NEWER 10" LINE AND ELIMINATING OLD 6" LINE THAT IS BELIEVED TO BE LEAKING
TURKEY WATER LINE REPLACEMENT	2	2023		\$ 6,822,000	IN GRANT PORTAL	REPLACING LINE FROM THE WATER PLANT TO THE TURKEY TANK. THIS LINE HAS HAD MULTIPLE LEAKS OVER THE YEARS AND IS A CRITICAL POINT FOR A LARGE SERVICE AREA IN THE SYSTEM.
COLDWATER LINE REPLACEMENT	2	2023		\$ 8,419,000	IN GRANT PORTAL	UP TO 4 WATER LINES IN THE SAME AREA WITH MANY WEAK POINTS
WATER PLANT CLARIFIER III REHAB	1	2020	2023	\$ 250,000	AML	THIS PROJECT WILL BE COMPLETED AS PART OF A LARGER PROJECT CURRENTLY UNDERWAY. RAKE DRIVE BEARING IS OUT.
TURKEY STORAGE TANK REHAB	1	2023		\$ -	IN GRANT PORTAL	TANK IS ONE OF THE OLDEST AND IN THE WORST CONDITION IN OUR SYSTEM
Project 113-19-03 Replace Existing Mainline, Water Meters, Service Line, Valves &	3	2019		\$ 1,260,658	AML	EXISTING PROJECT BIDDING SOON
Projects 113-19-05 & 113-19-06 Rehabilitation of Otto Brown Booster Station, Line replacement to Middlefork Tank, Upgrade of Davella Booster Station	1	2019 Scope changed 2022		\$ 750,000		REPLACING FAILING UNDERGROUND BOOSTER STATION IN THE SYSTEM TO ASSIST IN PROVIDING WATER TO THE AIRPORT, PRISON AND DAVELLA REGION.
FEMA BACKUP GENERATOR PROJECT	1	2022		\$ 1,320,000	FEMA	WILL BE GENERATOR AT 40E AND 40W BOOSTER STATIONS AND THE RAW WATER INTAKE
METER REPLACEMENT PROJECT	1	2023		\$ 2,000,000	IN GRANT PORTAL	REDUCE WATER LOSS, EFFECENCY IN OPERATIONS AND ELIMINATION OF HUMAN ERROR IN METER READING
HIGH SCHOOL PUMP STATION CHECK VALVE	3	2022		\$ 70,000.00		ENABLE THE DISTRICT TO USE THE HIGH SCHOOL TANK TO PROVIDE WATER TO OTHER AREAS OF THE SYSTEM BESIDES THE HIGHSCHOOL

MARTIN COUNTY WATER DISTRICT CAPITAL ITEMS				
PROJECTS NOT IN GRANT PROCESS	PRIORITY	YEAR	COST	COMMENTS
INEZ WATER LINE AND VALVE REPLACEMENT	1			OLDEST SECTION OF THE SYSTEM CONSISTING OF AC LINE AND OLD SERVICES. 90% WATER LOSS
DISTRIBUTION BUILDING AND PIPE YARD	3			CURRENT STAFF USE THE WATER PLANT PARKING LOT FOR STORAGE OF VEHICLES AND PARTS. THE CURRENT EQUIPMENT AND VEHICLES ARE LEFT IN THE ELEMENTS WHICH CAUSE DAMAGE OVER TIME
292 BOOSTER STATION AND WATER LINE REPLACEMENT	1			BOOSTER STATION HAS PASSED ITS USEFUL LIFE AND NEEDS COMPLETE REHABILITATION
BIG ELK WATER LINE REPLACEMENT AND BOOSTER STATION REHABILITATION	2			UNDER GROUND BOOSTER STATION IS PASSED ITS USEFUL LIFE AND NEEDS TO BE ABOVE GROUND WITH REDUNDANCY
BUFFALO HORN WATER LINE REPLACEMENT AND BOOSTER STATION REHABILITATION	2			UNDERGROUND BOOSTER STATION IS PASSED ITS USEFUL LIFE AND NEEDS TO BE ABOVE GROUND WITH REDUNDANCY
645 WATER LINE REPLACEMENT AND BOOSTER STATION REHABILITATION	3			UNDERGROUND BOOSTER STATION IS PASSED ITS USEFUL LIFE AND NEEDS REHABILITATION. CURRENTLY A HIGH WATER LOSS.
WOLF CREEK/PIGEON ROOST WATER LINE REPLACEMENT	2			HIGH AMOUNT OF BREAKS IN THIS AREA CAUSE REPEATED OUTAGES AND LINES ARE BURIED DEEP
MEATHOUSE WATER LINE REPLACEMENT AND BOOSTER STATION REHABILITATION	3			MEATHOUSE HAS NO REDUNDANCY AND NO SCADA TELEMETRY. THIS STATION NEEDS UPGRADED WITH REDUNDANT PUMPS AND TELEMETRY TO TOGGLE PUMPS ON AND OFF FROM THE PLANT.
HODE WATER LINE REPLACEMENT	2			MANY BREAKS IN THE WATER
CASSELL BRANCH WATER LINE REPLACEMENT AND BOOSTER STATION REHABILITATION	3			BOOSTER STATION HAS ONE PUMP AND NEEDS TO HAVE REDUNDANCY.
CREEK CROSSING REPLACEMENT	2			MANY POINT TO WHICH THE WATER PLANT
VALVE INSERTION	2			MANY VALVES IN THE SYSTEM ARE INOPERABLE, AND IN NEED OF REPLACEMENT. ADDITIONALLY, VAVLES ARE NEEDED FOR CONTINUED LEAK DETECTION
WATER PLANT HIGH SERVICE PUMP REPLACEMENT	1		\$ 250,000.00	BOTH PUMPS HAVE BEEN IN SERVICE FOR A LONG TIME AND ARE IN MUCH NEED OF REPLACEMENT
PASSENGER TRUCK 4X4	1	2024	\$ 60,000.00	CURRENT VEHICLES ARE INOPERABLE
1 ton 4x4 tool truck with Hoist, Generator, and Compressor	1	2023	\$ 120,000.00	CURRENT TRUCK IS OWNED BY SANITATION DISTRICT
ROAD BORE MACHINE	1		\$ 15,000.00	WOULD ALLOW THE DISTRICT TO DO ITS OWN TAPS AND BORES FOR WATER LINE INSTEAD OF CONTRACTING IT OUT.
ONLINE TURBIDIMETERS AND CONTROLLER	2		\$ 22,626.00	CURRENT TURBIDIMETERS ARE OBSOLETE
BIG LICK WATER LINE REPLACEMENT AND BOOSTER STATION REHAB	3			BOOSTER STATION HAS NO REDUNDANCY AND NEEDS A NEW BUILDING. THIS BOOSTER STATION ALSO HAS NO TELEMETRY AND CANNOT BE MONITORED FROM THE PLANT
PETER CAVE WATER LINE REPLACEMENT AND BOOSTER STATION REHAB	3			BOOSTER STATION HAS NO REDUNDANCY AND SEVERAL LEAKS HAVE CAUSED MANY CUSTOMER OUTAGES. BOOSTER NEEDS REHABILITATED AND LINES NEED REPLACED.
KERMIT WATER LINE CONNECTION	3			INTERCONNECT BETWEEN KERMIT AND MARTIN COUNTY IS BROKEN SOMEWHERE IN THE MIDDLE OF THE TUG RIVER. THIS INTERCONNECT NEEDS REPAIRED OR A NEW LINE NEEDS CONNECTED

MARTIN COUNTY WATER DISTRICT ANNUAL CAPITAL ITEMS

RECURRING PROJECTS	YEAR	COST	COMMENTS
10% METER REPLACEMENT	ANNUALLY	\$ 80,000.00	AS REQUIRED BY PSC
TANK INSPECTIONS/CLEANING	ANNUALLY	\$ 7,000.00	1 TANK PER YEAR SHOULD HAVE THEM INSPECTED EVERY 10 YEARS
VEHICLE REPLACEMENT	ANNUALLY	\$50,000.00	ROUTINE FLEET MAINTENANCE AND CHANGE OUT NOT EQUIPMENT EXPENSE

Date of Issuance: March 31, 2023	Effective Date:	Date of Owner's Signature
Owner: Big Sandy Area Development District	Owner's Contract No.:	113-19-02
Contractor: Pace Contracting, LLC	Contractor's Project No.:	
Engineer: Bell Engineering	Engineer's Project No.:	113-19-02
Project: Raw Water Intake and WTP Rehabilitation	Contract Name:	

The Contract is modified as follows upon execution of this Change Order:

Description:

Time extension of Two Hundred Forty-Five (245) calendar days, due to the extended the lead time for the delivery and installation of the Owner furnished Raw Water Intake pump and associated Variable Frequency Drive (VFD).

Attachments: Letter request from Pace Contracting, LLC dated March 31, 2023.

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES
Original Contract Price: \$ <u>3,473,426.00</u>	Original Contract Times: Substantial Completion: <u>270 calendar days</u> Ready for Final Payment: <u>300 calendar days</u>
[Increase] [Decrease] from previously approved Change Orders No. <u>1</u> to No. <u>9</u> : \$ <u>465,258.26</u>	[Increase] [Decrease] from previously approved Change Orders No. <u>1</u> to No. <u>9</u> : Substantial Completion: <u>(543) Five Hundred Forty-three</u> Ready for Final Payment: <u>(573) Five Hundred Seventy-Three</u> days
Contract Price prior to this Change Order: \$ <u>3,938,684.26</u>	Contract Times prior to this Change Order: Substantial Completion: <u>543 calendar days 03/31/2023</u> Ready for Final Payment: <u>573 calendar days 04/30/2023</u>
[Unchanged] [Decrease] of this Change Order: \$ <u>0.00</u>	[Increase] [Decrease] of this Change Order: <u>(245) Two Hundred Forty-Five (Substantial Completion)</u> <u>(245) Two Hundred Forty-Five (Final Completion)</u>
Contract Price incorporating this Change Order: \$ <u>3,938,684.26</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>788 calendar days 12/01/2023</u> Ready for Final Payment: <u>818 calendar days 12/31/2023</u>

RECOMMENDED:

ACCEPTED:

ACCEPTED:

By: <u>Stephen H. Candill</u>	By: _____	By: _____
Engineer (if required)	Owner (Authorized Signature)	Contractor (Authorized Signature)
Title: <u>Vice President</u>	Title _____	Title _____
Date: <u>03/31/2023</u>	Date _____	Date _____

Approved by Funding Agency

By: _____ Date: _____
Title: _____

Contract 113-19-02 – Change Order No.10 Page 2 of 2



15415 Shelbyville Road
Louisville, KY 40245
502/815-4142 phone 502/583-6375 fax

3/31/23

Steve Caudill, PE
Bell Engineering
2480 Fortune Drive
Suite 350
Lexington, KY 40509

**Subject: Martin County Raw Water Intake and Water Treatment Plant Rehabilitation
Time Extension Request**

We request a time extension to the subject project of 245 calendar days to make the Substantial Completion date December 1st and the Final Completion date December 31st for the following reasons that are out of our control:

The large pump and large pump VFD at the RWI pump station still have an expected 30 to 36-week lead time. No update has been provided to this point, and those lead times have not started. Pace cannot complete the electrical building expansion/remodel until those items arrive on site.

Sincerely,

A handwritten signature in black ink, appearing to read 'Michael Bryant', written over a horizontal line.

Michael Bryant

April 25th, 2023

TO: Martin County Water District
Board of Directors

INFORMATION & DECISION

FROM: Staff

RE: Honey Branch BPS Control Valve

Staff is presenting the Board with a vendor quote for a new flow control valve at the Honey Branch BPS. The valve is no longer regulating station pressure correctly during start up and shut down to prevent pipeline surges.

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

Honey Branch BPS Control Valve			
Vendor	Model	Cost	Anticipated Delivery
Citco Water	6" Bermad Hydraulic Non Slam Check Valve/Full Port Classic Body with C606 Grooved Connections	\$4,493	4-6 Week Lead Time
Citco Water	6" Bermad Hydraulic Non Slam Check Valve/ Full Port Sigma Body with 150 Flanged Connections	\$4,296	2-3 Week Leak Time

Requests for quotes were only returned from the following vendors because they are the only representative for Bermad parts/replacements. The 6" Bermad Hydraulic Non Slam Check Valve/Full Port Classic Body with C606 Grooved Connections is the only valve that will work with our current station. Any other check valve would require us to re-tool the entire station.

If the board agrees, Staff recommends purchasing the 6" Bermad Hydraulic Non Slam Check Valve/Full Port Classic Body with C606 Grooved Connections from Citco Water.