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ADMITTED IN KY AND WV

December 22, 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 December 26, 2023 Board meeting.

Thank you for your attention to this matter.

Very truly yours,

BRIAN CUMBO

BC/ld

Enclosure

cc: Martin County Water District  
Hon. Mary Varson Cromer

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

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

CASE NO. 2020-00154

**NOTICE OF FILING**

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Comes the Martin County Water District, by counsel, and hereby gives Notice of Filing of the attached information packet for the Martin District Board meeting scheduled for December 26, 2023.



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WATER DISTRICT  
P.O. BOX 1844  
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**CERTIFICATE OF SERVICE**

This will certify that a true and correct copy of the foregoing was served via electronic filing on this the 22nd day of December, 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, December 26, 2023 – 6:00 p.m.**  
**Martin County Government Center (2<sup>nd</sup> Floor)**

- 1) Call the meeting to order
  
- 2) Review and Consideration to Approve Minutes
  
- 3) Review and Consideration of Financial Reports
  - A. Review and Consideration to Approve Treasurer's Report
  - B. Review and Consideration to Approve Other Financials
  - C. Review and Consideration to Approve Bad Debt Write Off/Collection Agency
  
- 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
  
- 8) Other Old Business
  
- 9) Other New Business
  
- 10) Consider Motion to Convene into Closed Executive Session
  
- 11) Consider Motion to Close Executive Session
  
- 12) 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  
November 30, 2023, Meeting Minutes**

**Presiding:** James Kerr, Chairman

**Present:** Directors: Greg Crum, Nina McCoy, BJ Slone, John Hensley  
Staff: Brian Cumbo (Attorney), Craig Miller (GM), Tyler Hall, (LM),  
Cassandra Moore

**Guests:**

The Special Meeting of the Martin County Water District was held on November 30, 2023, at the Martin County Government Center, at 42 East Main St (2<sup>nd</sup> Floor), Inez, Kentucky 41224. Mr. Kerr called the meeting to order at 6:00 p.m.

**Mr. Kerr called for review of the October 24, 2023, Regular Board Meeting minutes.**

- Mr. Hensley motioned to accept the October 24, 2023 minutes
- Mr. Crum seconded
- All ayes
- Motion carried

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

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

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

- Mr. Hensley motioned to approve the List of Bills
- Mr. Slone seconded
- All ayes
- Motion carried

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

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

- Wired in 300 HP VFD for the District's small (1.7 MGD) RWI pump
- Filled Clarifier 1 and disinfected each filter. The Clarifier was scheduled to be brought online, but the sludge collector rake was over torquing and not operable. With the repair requiring entry into the sedimentation basin, it was determined that the best course of action was to drain the Clarifier to make all necessary repairs
- Mr. Hensley asked when the penalty phase should be implemented for the repairs
- Mr. Miller advised it would be up to the Board to decide that. It would be called liquidate damages and he feels we may be there now. The Board should address Bell Engineering at the next meeting
- Joshua Vaughan received his Water Treatment Plant Operator I-AD license and has now applied for an Alternate Staffing Plan to allow him to operate a shift on his own with guidelines and information
- Kody Rainwater received his Water Treatment Plant Operator IV-A license
- Replaced a 20' section of 14" main near the WTP on Turkey Creek Road. When Staff exposed the leak, it was determined to be caused by two repair clamps bolted together to form a 14" repair clamp holding two sections of main line together with an 8" gap between the two sections. Staff removed the repair clamp and replaced the entire section of line. We still have two more leaks we need to repair, but we know when we shut that main transmission line down Inez loses water. We are working a plan right now to utilize the High School Tank. We are working on a check valve with a bypass to push water from the High School Tank back to Inez. We are going to fill up the tank and see what the system does. We're going to test this first and see what happens before we begin any repairs
- Replaced Master Meters at Buck Creek and will be replacing Meathouse as well. Buck Creek affects eight other subzones. If it's not working accurately then we can't figure out how much water is going to the other zones. It went down about a month ago, but now with the new meter in we are seeing more accurate numbers. All of our Master Meter's needs replaced
- We had a Tier two violation for turbidity. This means that at the WTP there was a disruption in treatment and that turbidity level went about a 1 NTU, it was actually a 3 NTU for more than four hours. It was all handled very well and a lot of learning through the process. It had to do with the turbidity coming into the plant, the turbidity in the clarifier sludge blanket. This will allow a turbidity spike.

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

- Water loss was reported at **69.68%** for the month of October 2023

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

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

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

- Mr. Miller stated the Otto Brown Pump Station and Line Replacement Project is moving along and will be getting final drawings from that project very soon. They have already submitted the drawing to Mr. Miller to review and the Booster Station drawings as well. Once we get those in, we will review them and look them over. The Booster Station that will be in place of the Otto Brown will be very similar to the High School Booster Station. The New Otto Brown Station will be an above ground concrete block structure. Replace line on Eli Rd also
- The Lovely Line Replacement has gone out to contractors for bid. It will be posted in the paper on the 6<sup>th</sup>
- **Mr. Kerr inquired if there was any Other Old Business to discuss.**

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

- Staff is presenting the Board with the Water Management Assistance Fund Resolution/Application.
- Mr. Miller presented the information. He received a phone call about a month ago from the Executive Director of KIA, Sandy Williams. She informed him that KIA was looking at a new fund. There is roughly 10 million dollars in the fund, and they are looking at opportunities to help with management assistance for water utilities. KRWA went to KIA and said we have a loan with the Martin County Water District for roughly 1.1 million dollars. As of right now, there are no real terms other than we have to the end of February to come up with either a loan or a payment for that loan. They would like to see if there was a way KIA could help fund the loan. Sandy Williams went to the Board of Directors and spoke to them and they came up with this plan. We will be the first utility to utilize this fund. It's a water management assistance fund that will offer basically a 20 year, 0% interest for term for a 1.33 million loan roughly to combine our current KIA loan that has a 3% interest rate, and we owe \$218,776.00 with a payment of \$5657.88 every month. It would combine the KIA loan of \$218, 776.00 and the KRWA \$1.104 loan pay off amount. Combine those two loans with 0% interest for 20 years. The payment on that loan will be roughly 300 dollars less than what we're currently paying on the KIA loan and have been paying for a long time. Additionally, they are going to set metrics up for debt forgiveness. At 5- or 10-year marks if we meet certain metrics that they set that we agree upon, we can set up forgiveness for that loan as well. So were

talking about a cheaper payment, on a 20-year term, with a 0% interest rate, through KIA with potential forgiveness. Don't know how much yet. It could be 5% or it could be 95%, we don't know yet. All the Board needs to do is approve the resolution and sign the application.

- Mr. Hensley motioned to approve the Water Management Assistance Fund Resolution/Application
- Mrs. McCoy seconded
- All ayes
- Motion carried
- Staff presented the Board with the Kentucky 2024 FY DWSRF Loan Invitation. Mr. Miller stated that the Water District has been approved for a \$299,250 Lead Service Line Inventory grant through SRF. The federal EPA came out with guidelines and rulings several years ago. Over the course of the past 5 years or so, utilities have been mandated to go through their system and inventory and eventually remove all lead service lines from their system. The problem with that is that it included customer taps up to the customers' homes. There has been a lot of push back from many different states trying to change this. It's not going to happen. Bottom line is we are going to have to go to every customer and verify with that customer if they have plastic, pvc, or galvanized, lead or copper in their service to their home. We've created a survey that we will be asking each customer about their service lines to their homes. We have to physically verify all lines to make sure they're not lead. The project will allow the Utility to contract an engineer or consulting firm to conduct the inventory for them as the utility does not have the available manpower to do so themselves. District personnel and contract labor will be utilized for the inventory from previous evaluation installation date after lead ban use. There was a lead ban, any installation after that period will be lead free. But we have to go through those records and if we don't have them, we'll have to go and physically dig up the line and verify. The project will provide the purchase of a GPS unit and table to allow documentation of service line. Mr. Miller stated, "here is what's been added to the project." "Procurement on this project in addition to consulting, contractor engagement and labor includes, AGOL licensing, GPS equipment, tablets, vehicles, contracting excavation/hydro-excavation and contingency for unknown potential costs." There's a potential for us to be able to get some equipment that we would need to be able to do this project. Since we've already contracted an outside agency, we can do all the work internally. We've already been doing it. We're already underway, have a GIS system in place, so a new GPS unit would be good, but we will definitely need to go out and verify these sites. Mr. Miller has already spoken to other utility managers, and they have informed him that their intent with the funding project is to hire additional personnel temporary people, and a couple of vehicles for them to use. We are hoping to do the same. Mr. Kerr asked for a motion to move forward with this particular invitation.
- Mr. Slone motioned to move forward with the Kentucky 2024 FY DWSRF Loan Invitation
- Mr. Hensley seconded
- All ayes



- Motion carried
- Mr. Kerr asked for a motion to approve the Kentucky 2024 FY DWSRF Resolution
- Mr. Hensley motioned to approve the Kentucky 2024 FY DWSRF Resolution
- Mr. Slone seconded
- All ayes
- Motion carried
- Staff presented the Board with a memo for the Contract 113-23-04, KY 292 Booster Pump Station, and Water Storage Tank Telemetry. The Martin County Water District issued an advertisement for bids in the October 11<sup>th</sup> edition of the Mountain Citizen. The sole bid, provided by MicroComm, Inc. was bid at \$47,246.00 for completion of the project. Due to proprietary information regarding the telemetry system that MicroComm, Inc. currently provides to the District, Staff agrees with Bell Engineering to recommend approving the sole bid. Mr. Kerr asked for a motion to accept MicroComm's bid.
- Mr. Hensley motioned to accept MicroComm's bid for the Contract 113-23-04, KY292 Booster Pump Station and Water Storage Tank Telemetry
- Mr. Crum seconded
- All ayes
- Motion carried
- Staff is recommending the Otto Brown Booster Pump Station be changed from "Otto Brown Booster Pump Station" to "Earl T. Alley Booster Pump Station" to honor Earl "Tom" Alley for his 30 years of exemplary service to the Martin County Water District.
- Mr. Hensley motioned to change the name of the "Otto Brown Booster Pump Station" to "Earl T. Alley Booster Pump Station"
- Mrs. McCoy seconded
- All ayes
- Motion carried

**Executive session not required.**

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

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

- Mr. Hensley motioned to adjourn meeting at 7:04 p.m.
- Mr. Crum seconded
- All ayes
- Motion Carried

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

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James Kerr, Chairman

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Cassandra Moore, District Clerk

**Martin County Water District**  
**Balance Sheet**  
**November 30, 2023**

11/30/23

**ASSETS**

**CURRENT ASSETS**

Checking Account - Operations	\$	(36,346.20)
Revenue Fund - EFT		2,878.46
Debt Service Surcharge Fund		85,638.19
Management Infrastructure Surcharge Fund		1,000.09
Security Deposits		104,784.59
Cash on Hand		900.00
<b>Total Cash</b>		<b>158,855.13</b>
Accounts Receivable		361,897.61
Allowance for Doubtful Accounts		(79,798.52)
Unbilled Accounts Receivable		80,438.00
Inventory		2,948.14
Prepaid Expenses		7,915.42
<b>Total Current Assets</b>		<b>532,255.78</b>

**PROPERTY, PLANT, & EQUIPMENT**

Land	214,713.83
Water Supply & Distribution System	28,489,616.26
Buildings	500,263.89
Equipment & Furniture	6,362,125.35
Vehicles	69,420.45
Construction Work in Progress	289,477.42
Leased Assets	33,934.71
Less: Accumulated Amortization - ROU leased asset	(18,151.14)
Less: Accumulated Depreciation	(19,124,283.40)
<b>Net Property, Plant, &amp; Equipment</b>	<b>16,817,117.37</b>

**RESTRICTED CASH**

Grant Fund	63.07
Sinking Fund - RD	7,274.52
Regions Sinking Fund	95,569.37
KIA Sinking Fund	7,101.97
KACO Sinking Fund	8,264.85
Depreciation Fund	1,022.46
Cost of Issuance Fund 2022	2,098.00
Certificate Fund - 2022 Debt Svc	20,195.84
Revenue Fund - 2022	3,532.00
Accrued Interest Receivable	502.00
<b>Total Restricted Cash</b>	<b>145,624.08</b>

**Total Assets**

**\$ 17,494,997.23**

**Martin County Water District**  
**Balance Sheet**  
November 30, 2023

11/30/23

**LIABILITIES AND DISTRICT'S EQUITY**

**CURRENT LIABILITIES**

Accounts Payable	\$	149,218.03
Sales Tax Payable		2,602.64
School Tax Payable		6,472.89
Long Term Debt-Current		54,845.14
Accrued Interest Payable		36,498.07
Customer Deposits		98,790.58
<b>Total Current Liabilities</b>		<b>348,427.35</b>

**LONG-TERM DEBT**

Lease Liability - Rent		16,769.52
Note Payable - KIA		228,875.96
Lease Payable - KACO		26,221.96
Bonds Payable - 2015 E Current Refunding		1,585,000.00
Bonds Premium - 2015 E, Net of A/Amort		15,916.87
Bonds Payable - 2022 B		1,110,000.00
Bonds Premium - 2022 B, Net of A/Amort		658.65
Less Current Portion of L-Term Debt		(54,845.14)
Other Inflow Resources - Pension		372,879.00
<b>Total Long-Term Debt</b>		<b>3,301,476.82</b>

**Total Liabilities**

**3,649,904.17**

**DISTRICT'S EQUITY**

Retained Earnings (Deficit)		14,091,210.57
YTD Net Income		(246,117.51)
<b>Total District's Equity</b>		<b>13,845,093.06</b>

**Total Liabilities and District's Equity**

**\$ 17,494,997.23**

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

November, 2023			YTD		
Actual	Budget		Actual	Budget	Annual Budget
<b>Operating Revenues</b>					
\$ 179,979	\$ 175,833	Water Sales - Residential	\$ 1,956,963	\$ 1,934,163	\$ 2,110,000
31,278	29,167	Water Sales - Commercial	349,022	320,837	350,000
5,859	10,000	Water Sales - Public Authorities	126,566	110,000	120,000
39	5	Bulk Water Sales	410	45	50
-	2,437	Connection Fees - Tap	24,543	26,807	29,246
5,665	4,583	Late Charge Fees	65,494	50,413	55,000
733	2,650	Reconnect/Meter Sets/Other Fees	21,809	29,150	31,801
8,741	8,917	Debt Service Surcharge	96,100	98,087	107,000
15,686	15,839	Management Infrastructure Surcharge	172,477	174,229	190,070
-	-	Miscellaneous Income	1,681	-	-
<b>247,980</b>	<b>249,431</b>	<b>Total Operating Revenues</b>	<b>2,815,065</b>	<b>2,743,731</b>	<b>2,993,167</b>
<b>Operating Expenses</b>					
6,119	7,500	Water Purchased	24,393	82,500	90,000
168,507	168,507	Management & Operations Contract	1,853,577	1,853,577	2,022,084
20,808	27,917	Utilities	207,596	307,087	335,000
1,381	2,500	Insurance	20,222	27,500	30,000
51,303	5,000	Repairs & Maintenance	360,452	55,000	60,000
39	250	Outside Services	625	2,750	3,000
313	800	Legal Expenses	7,250	8,800	9,600
-	-	Accounting/Audit	7,985	8,000	8,000
4,167	4,167	Bad Debts	45,833	45,837	50,000
-	-	Bond Trustee Fees	900	500	500
423	270	Dues	4,311	2,970	3,235
298	228	Office Expense	3,939	2,508	2,732
-	833	Rent Expense	25	9,163	10,000
-	-	Regulatory Assess Fees	3,863	-	-
134	125	KY 811 Services	1,917	1,375	1,500
259	54	Miscellaneous Expenses	763	594	652
6	4	Customer Deposit Interest Expense	82	44	53
<b>253,756</b>	<b>218,155</b>	<b>Total Operating Expenses</b>	<b>2,543,733</b>	<b>2,408,205</b>	<b>2,626,356</b>
<b>(5,777)</b>	<b>31,276</b>	<b>Net Income B/4 Other Income (Expenses)</b>	<b>271,332</b>	<b>335,526</b>	<b>366,811</b>
<b>Other Income (Expenses)</b>					
-	-	Gain (Loss) on Sale of Assets	1,645	-	-
72,703	-	Capital Contributions	293,605	-	-
467	-	Interest Income	4,473	-	-
(8,760)	(8,333)	Interest Expense	(97,804)	(91,663)	(100,000)
(397)	62	Amortization	(4,368)	691	753
(65,000)	(65,000)	Depreciation	(715,000)	(715,000)	(780,000)
<b>(988)</b>	<b>(73,271)</b>	<b>Total Other Income (Expenses)</b>	<b>(517,450)</b>	<b>(805,972)</b>	<b>(879,247)</b>
<b>\$ (6,764)</b>	<b>\$ (41,995)</b>	<b>Net Income (Loss)</b>	<b>\$ (246,118)</b>	<b>\$ (470,446)</b>	<b>\$ (512,436)</b>

**Martin County Water District  
Inez, KY**

**Treasury Report**

<b>Billing Charges For the Month of:</b>	<b>Nov-23</b>	
Water Revenue		\$ 179,979.31
Water Revenue-Commercial		31,277.59
Water Revenue-Commercial Exempt		5,858.74
Late Charges		5,665.11
Sales Taxes		2,210.38
Debt Service Surcharge		8,740.53
School Tax		6,509.93
Management Infrastructure Surcharge		15,686.39
Returned Check		571.69
Interest on Customer Deposits		(6.49)
Connection Fees		-
Other Miscellaneous Fees		709.17
Deposits Applied		(945.00)
Refund Checks Paid		179.89
<b>Total Billing Charges</b>		<b>\$ 256,437.24</b>
		<hr/>
<b>Gallons Billed</b>		<b>12,235,640</b>
		<hr/>
<b>Customers Billed</b>		<b>3,387</b>
		<hr/>

<b>Accounts Receivable</b>	<b>Nov-23</b>	
Beginning Balance		355,634.54
Billing Charges		256,437.24
Bad Debt (Write Offs) Recoveries		73.25
Accounts Receivable Collections		(250,247.42)
<b>End of Month Accounts Receivable</b>		<b>361,897.61</b>
		<hr/>

<b>Operations Account</b>		
Beginning Balance		\$ (8,883.32)
Deposits		
Accounts Receivable Collections		250,247.42
Accounts Receivable Collections - Pmts in EFT Revenue Account		(111,952.56)
Sewer Billing Collections in Water Bank Acct - Due to MCS		78,509.14
Customer Deposits Received		1,935.00
Capital Contributions - KIA draw for Pace		72,703.42
Miscellaneous Income (Tokens, TOW payment)		62.81
Transfers from Other District Accts		111,500.00
Total Deposits		403,005.23
Disbursements:		
Checks Written		(302,010.38)
Pmts made to Sanitation for A/R Collections		(57,364.43)
Transfers to Other District Accts		(44,582.49)
Auto Drafted Utilities		(16,971.95)
Returned Checks		(298.69)
Bank Fees		(15.00)
Sales and School Tax Payments		(9,225.17)
<b>End of Month Balance</b>		<b>\$ (36,346.20)</b>
		<hr/>

Cash Receipts Collected To Date in:	<b>Dec-23</b>	248,401.75
Bills Submitted for Payment in:	<b>Dec-23</b>	(253,906.38)
<b>Available Balance</b>	<b>3A-4</b>	<b>(41,850.83)</b>
		<hr/>

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

Bank Account	Beginning Balance	Deposits	Interest Earned, Net of Fees	Payments	Ending Balance
Operations Account	\$ (8,883.32)	403,005.23	-	(430,468.11)	\$ (36,346.20)
Revenue EFT Account	2,775.90	111,952.56	-	(111,850.00)	2,878.46
Debt Service Surcharge	76,904.84	8,729.98	3.37	-	85,638.19
Management Infrastructure Surcharge	1,000.13	15,667.51	0.09	(15,667.64)	1,000.09
Security Deposits	102,575.17	2,385.00	4.31	(179.89)	104,784.59
Cash on Hand	900.00	-	-	-	900.00
<b>Total Unrestricted Cash</b>	<b>175,272.72</b>	<b>541,740.28</b>	<b>7.77</b>	<b>(558,165.64)</b>	<b>158,855.13</b>
<b>Restricted Cash</b>					
ARC Grant	63.07		-	-	63.07
Rockhouse Project	6,924.83	10,800.00	-	(10,450.31)	7,274.52
Regions Bank-KY 2015E Martin County	84,777.75	10,450.31	341.31		95,569.37
KIA Bond & Interest	6,961.45	5,800.00	0.08	(5,659.56)	7,101.97
KY Assoc of Counties Leasing Trust	7,218.16	1,200.00	0.13	(153.44)	8,264.85
Depreciation Reserve	1,022.44	-	0.02	-	1,022.46
Cost of Issuance Fund 2022	2,098.00		-	-	2,098.00
Certificate Fund - 2022 Debt Svc	20,107.13		88.71		20,195.84
Revenue Fund - 2022	3,516.49	-	15.51	-	3,532.00
<b>Total Restricted Cash</b>	<b>132,689.32</b>	<b>28,250.31</b>	<b>445.76</b>	<b>(16,263.31)</b>	<b>145,122.08</b>
<b>Total Cash &amp; Investments</b>	<b>\$ 307,962.04</b>	<b>569,990.59</b>	<b>453.53</b>	<b>(574,428.95)</b>	<b>\$ 303,977.21</b>

**Martin County Water District  
Billing Summary**

Date	Billed		Gallons (000'S)	Billed # of Customers	Payments Received
	Revenue	YTD Total			
Nov-23	217,116	2,440,483	12,236	3,387	250,247
Oct-23	222,782	2,223,367	12,887	3,377	272,249
Sep-23	239,821	2,000,585	14,662	3,372	278,720
Aug-23	225,013	1,760,764	13,057	3,369	262,899
Jul-23	222,438	1,535,751	12,869	3,363	257,785
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



# MARTIN COUNTY UTILITY BOARD

387 East Main Street Suite 140

INEZ, KY 41224

606-298-3885 OFFICE

606-298-4913 Fax

## Memorandum

## Discussion/Action

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

**From:** Staff

**Date:** December 19, 2023

**Re:** Bad Debt Write-Offs 2023

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A total of \$930.04 of Bad Debt is to be adjusted onto the customers who have an active account.

The total Water Revenue to be sent to collections for bad debt for 2023 is \$27,069.06 (a total of 115 accounts).

Twenty-three of these accounts (a total of \$4,287.74) are customers who are deceased.

G/L POSTING DATE: 12/19/2023

\*\* TRANSFER TO BAD DEBT \*\*

PACKET: 6346

POSTING TYPE: BOTH

COMMENT CODE: BAD -BAD DEBT WRITE OFF

FLAG ACCOUNT: NO

ACCOUNT NO	NAME	BALANCE							
		LAST BILL							
01-0032-00-0	WILLIAMSON, LONNIE	48.56	100-WATER	22.85	200-SEWER	18.21	300-DSS	1.45	
** LAST PAYMENT MADE:	7/07/2023	7/31/2023	310-MIS	2.60	360-S DSS	2.76	851-SCTR	0.69	
01-0136-02-0	WALLEN, MEGAN	285.20	100-WATER	133.22	200-SEWER	114.90	300-DSS	7.10	
** LAST PAYMENT MADE:	11/21/2022	1/31/2023	310-MIS	12.74	360-S DSS	13.50	851-SCTR	3.74	
02-0201-03-0	LAYNE, BILLY	95.21	100-WATER	81.52	300-DSS	4.04	310-MIS	7.26	
** LAST PAYMENT MADE:	7/24/2023	8/31/2023	851-SCTR	2.39					
02-0226-01-0	MOORE, BILLY	223.32	100-WATER	102.27	200-SEWER	94.56	300-DSS	5.01	
** LAST PAYMENT MADE:	8/22/2022	10/31/2022	310-MIS	8.98	360-S DSS	9.51	851-SCTR	2.99	
02-0514-01-0	MOLLETT, HANNAH	103.59	100-WATER	47.24	200-SEWER	38.42	300-DSS	2.65	
** LAST PAYMENT MADE:	9/11/2023	6/30/2023	310-MIS	4.76	360-S DSS	5.04	500-FEE	4.23	
			851-SCTR	1.25					
02-0519-00-0	MOORE, SHAWN M	296.67	100-WATER	131.00	200-SEWER	106.09	300-DSS	7.64	
** LAST PAYMENT MADE:	12/27/2022	2/28/2023	310-MIS	13.72	360-S DSS	14.53	500-FEE	20.00	
			851-SCTR	3.69					
03-0121-01-0	THE LAVISH COW	320.85	101-WATER	128.16	201-SEWER	108.31	300-DSS	6.49	
** LAST PAYMENT MADE:	2/10/2023	4/30/2023	310-MIS	11.64	360-S DSS	12.34	500-FEE	36.31	
			650-SPEN	6.68	800-SLSTX	7.28	850-SCT	3.64	
03-0436-00-0	JARRELL, NANCY	37.72	100-WATER	17.23	200-SEWER	15.86	300-DSS	0.88	
** LAST PAYMENT MADE:	6/07/2023	6/30/2023	310-MIS	1.57	360-S DSS	1.66	851-SCTR	0.52	
04-0053-00-0	CRUM, MARTIN	290.75	100-WATER	227.15	300-DSS	13.35	310-MIS	23.96	
** LAST PAYMENT MADE:	6/08/2022	9/30/2022	500-FEE	20.00	851-SCTR	6.29			
04-0229-00-0	DINGESS, RONALD	160.58	100-WATER	143.97	300-DSS	4.43	310-MIS	7.95	
** LAST PAYMENT MADE:	7/29/2023	8/31/2023	851-SCTR	4.23					
04-0292-00-0	HAMILTON, MOLLY	262.80	100-WATER	233.71	300-DSS	8.07	310-MIS	14.49	
** LAST PAYMENT MADE:	9/20/2022	10/31/2022	851-SCTR	6.53					
04-0326-01-0	COFFEY, SHAMARA	313.89	100-WATER	138.33	200-SEWER	126.84	300-DSS	6.72	
** LAST PAYMENT MADE:	7/20/2022	9/30/2022	310-MIS	12.06	360-S DSS	12.78	500-FEE	13.22	
			851-SCTR	3.94					
04-0408-00-0	BALL, PHYLLIS	1,273.61	100-WATER	414.50	150-WATER	765.08	300-DSS	15.72	
** LAST PAYMENT MADE:	10/18/2022	10/31/2022	310-MIS	28.22	500-FEE	38.63	851-SCTR	11.46	
05-0044-00-0	MCCOY, DALLA B	67.74	100-WATER	51.63	300-DSS	5.26	310-MIS	9.44	
** LAST PAYMENT MADE:	7/10/2022	7/31/2022	851-SCTR	1.41					
05-0471-01-0	GOBLE, RABON CURTIS	213.05	100-WATER	120.84	200-SEWER	72.77	300-DSS	3.37	
** LAST PAYMENT MADE:	9/16/2022	9/30/2022	310-MIS	6.05	360-S DSS	6.40	851-SCTR	3.62	
05-0503-01-0	JAMES, ALEXA	287.13	100-WATER	249.87	300-DSS	6.74	310-MIS	12.09	
** LAST PAYMENT MADE:	1/25/2023	3/31/2023	500-FEE	11.18	851-SCTR	7.25			

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WRITE OFF AUDIT REGISTER  
 \*\* TRANSFER TO BAD DEBT \*\*

ACCOUNT NO	NAME	BALANCE LAST BILL						
05-0511-00-0	MAYNARD, DEREK & COURTNE	489.81	100-WATER	223.66	200-SEWER	178.20	300-DSS	13.15
** LAST PAYMENT MADE:	10/14/2022	2/28/2023	310-MIS	23.60	360-S DSS	25.00	500-FEE	20.00
			851-SCTR	6.20				
05-0530-01-0	CHAPMAN, LORI	152.95	100-WATER	98.14	300-DSS	5.23	310-MIS	9.39
** LAST PAYMENT MADE:	8/27/2022	10/31/2022	500-FEE	37.44	851-SCTR	2.75		
05-0543-01-0	MAYNARD, BRETT	88.13	100-WATER	65.50	300-DSS	3.90	310-MIS	7.00
** LAST PAYMENT MADE:	5/27/2022	12/30/2022	500-FEE	9.89	851-SCTR	1.84		
06-0217-00-0	CRAVENS, CRAIGO SCOTT	48.27	100-WATER	42.20	300-DSS	1.72	310-MIS	3.08
** LAST PAYMENT MADE:	7/07/2023	8/31/2023	851-SCTR	1.27				
06-0463-00-0	CALLAHAM, JONATHAN	177.27	100-WATER	79.96	200-SEWER	77.96	300-DSS	3.61
** LAST PAYMENT MADE:	4/20/2023	5/31/2023	310-MIS	6.48	360-S DSS	6.86	851-SCTR	2.40
06-0615-01-0	RIFFLE, DANNY	169.46	100-WATER	75.77	200-SEWER	76.72	300-DSS	3.13
** LAST PAYMENT MADE:	8/23/2022	8/31/2022	310-MIS	5.61	360-S DSS	5.95	851-SCTR	2.28
06-0712-00-0	BOXVANA LLC	3,178.85	101-WATER	2,842.03	300-DSS	29.89	310-MIS	53.65
** LAST PAYMENT MADE:	7/13/2022	6/30/2023	500-FEE	18.10	800-SLSTX	156.75	850-SCT	78.43
06-0946-01-0	ENDICOTT, SKYLER	249.06	100-WATER	112.76	200-SEWER	89.84	300-DSS	6.87
** LAST PAYMENT MADE:	9/30/2022	12/30/2022	310-MIS	12.33	360-S DSS	13.06	500-FEE	10.96
			851-SCTR	3.24				
06-0960-02-0	ENDICOTT, WESLEY	277.53	100-WATER	117.42	200-SEWER	112.82	300-DSS	5.13
** LAST PAYMENT MADE:	1/03/2023	2/28/2023	310-MIS	9.21	360-S DSS	9.75	500-FEE	19.84
			851-SCTR	3.36				
06-0971-00-0	BURCHETT, MISTY	528.02	100-WATER	180.39	150-WATER	69.66	200-SEWER	128.24
** LAST PAYMENT MADE:	7/20/2022	12/30/2022	250-SEWER	75.87	300-DSS	10.74	310-MIS	19.28
			360-S DSS	20.42	500-FEE	18.35	851-SCTR	5.07
06-1016-02-0	J&Z VARIETY	209.74	101-WATER	91.69	201-SEWER	69.37	300-DSS	5.53
** LAST PAYMENT MADE:	5/20/2022	7/31/2022	310-MIS	9.92	360-S DSS	10.51	500-FEE	11.19
			650-SPEN	3.69	800-SLSTX	5.23	850-SCT	2.61
06-1027-00-0	MILLS, DWAYNE	270.24	100-WATER	121.53	200-SEWER	121.91	300-DSS	4.96
** LAST PAYMENT MADE:	12/21/2022	1/31/2023	310-MIS	8.89	360-S DSS	9.42	851-SCTR	3.53
06-1074-02-0	STARK, VICTORIA	85.13	100-WATER	72.68	300-DSS	3.67	310-MIS	6.60
** LAST PAYMENT MADE:	7/01/2022	9/30/2022	851-SCTR	2.18				
06-1074-03-0	WILEY, DONALD JASON	161.20	100-WATER	129.90	300-DSS	5.31	310-MIS	9.52
** LAST PAYMENT MADE:	1/03/2023	2/28/2023	500-FEE	12.83	851-SCTR	3.64		
06-1106-01-0	BLACKBURN, ALISA	188.30	100-WATER	85.26	200-SEWER	81.82	300-DSS	3.98
** LAST PAYMENT MADE:	4/26/2023	5/31/2023	310-MIS	7.13	360-S DSS	7.56	851-SCTR	2.55
06-1117-03-0	MAYNARD, MARKITTA	31.97	100-WATER	14.55	200-SEWER	13.63	300-DSS	0.71
** LAST PAYMENT MADE:	8/26/2022	9/30/2022	310-MIS	1.28	360-S DSS	1.36	851-SCTR	0.44

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ACCOUNT NO	NAME	BALANCE LAST BILL						
06-1131-02-0	MOLLETTE, LINDA	504.10	100-WATER	184.93	200-SEWER	199.04	300-DSS	6.41
** LAST PAYMENT MADE:	7/05/2023	7/31/2023	310-MIS	11.50	360-S DSS	12.18	500-FEE	84.50
			851-SCTR	5.54				
06-1142-04-0	STARK, VICTORIA	33.83	100-WATER	28.02	300-DSS	1.78	310-MIS	3.19
** LAST PAYMENT MADE:	7/01/2022	8/31/2022	851-SCTR	0.84				
06-1142-05-0	CLINE, TAMMY LYNN	90.00	100-WATER	75.16	300-DSS	4.54	310-MIS	8.16
** LAST PAYMENT MADE:	12/14/2022	2/28/2023	851-SCTR	2.14				
07-0071-00-0	CASTLE, SHERRY	412.79	100-WATER	364.40	300-DSS	8.61	310-MIS	15.46
** LAST PAYMENT MADE:	2/14/2023	3/31/2023	500-FEE	13.58	851-SCTR	10.74		
07-0184-00-0	WATTS, GARY	203.32	100-WATER	153.25	300-DSS	9.21	310-MIS	16.52
** LAST PAYMENT MADE:	3/08/2023	6/30/2023	500-FEE	20.00	851-SCTR	4.34		
07-0208-00-0	BOWEN, CHARLES & JOANN	236.59	100-WATER	216.32	300-DSS	4.93	310-MIS	8.85
** LAST PAYMENT MADE:	4/03/2023	3/31/2023	851-SCTR	6.49				
07-0285-00-0	MCGINNIS, JEFF	203.32	100-WATER	153.25	300-DSS	9.21	310-MIS	16.52
** LAST PAYMENT MADE:	3/05/2023	6/30/2023	500-FEE	20.00	851-SCTR	4.34		
07-0367-00-0	MAYNARD, ADAM	730.28	100-WATER	362.56	150-WATER	318.43	300-DSS	7.98
** LAST PAYMENT MADE:	8/04/2022	10/31/2022	310-MIS	14.32	500-FEE	16.74	851-SCTR	10.25
07-0419-00-0	BOWEN, HELEN	104.80	100-WATER	82.54	300-DSS	5.17	310-MIS	9.27
** LAST PAYMENT MADE:	9/26/2022	10/31/2022	500-FEE	5.39	851-SCTR	2.43		
07-0581-01-0	MAYNARD, JEFFREY JR	155.01	100-WATER	111.66	300-DSS	6.81	310-MIS	12.23
** LAST PAYMENT MADE:	6/22/2023	8/31/2023	500-FEE	21.09	851-SCTR	3.22		
07-0652-00-0	BOWEN #2, CHARLES	232.85	100-WATER	181.80	300-DSS	9.26	310-MIS	16.62
** LAST PAYMENT MADE:	7/11/2022	10/31/2022	500-FEE	20.00	851-SCTR	5.17		
07-0803-00-0	WHITT, LEE	198.93	100-WATER	153.16	300-DSS	9.15	310-MIS	16.42
** LAST PAYMENT MADE:	1/19/2023	8/31/2023	500-FEE	15.89	851-SCTR	4.31		
07-0813-00-0	LITTON, LORI	162.77	100-WATER	124.94	300-DSS	7.50	310-MIS	13.46
** LAST PAYMENT MADE:	4/18/2023	6/30/2023	500-FEE	13.30	851-SCTR	3.57		
07-0910-02-0	MESSER, JAMES R	58.63	100-WATER	20.81	200-SEWER	28.77	300-DSS	1.80
** LAST PAYMENT MADE:	0/00/0000	1/31/2023	310-MIS	3.22	360-S DSS	3.41	851-SCTR	0.62
07-0910-03-0	MULLETT, TIMMY	956.57	100-WATER	404.88	200-SEWER	488.01	300-DSS	8.23
** LAST PAYMENT MADE:	1/19/2023	5/31/2023	310-MIS	14.78	360-S DSS	15.66	500-FEE	13.05
			851-SCTR	11.96				
07-0911-02-0	DANIELS, MATILDA	832.50	100-WATER	352.78	200-SEWER	414.48	300-DSS	8.18
** LAST PAYMENT MADE:	4/04/2022	7/31/2022	310-MIS	14.68	360-S DSS	15.55	500-FEE	16.96
			851-SCTR	9.87				
07-0930-01-0	CHILDERS, SHAUNNA	65.59	100-WATER	54.78	300-DSS	3.28	310-MIS	5.90
** LAST PAYMENT MADE:	5/08/2023	6/30/2023	851-SCTR	1.63				

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PACKET: 6346

POSTING TYPE: BOTH

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FLAG ACCOUNT: NO

ACCOUNT NO	NAME	BALANCE							
		LAST BILL							
07-0939-01-0	MESSER, JAMES	652.01	100-WATER	153.71	150-WATER	458.79	300-DSS	7.30	
** LAST PAYMENT MADE:	4/25/2022	7/31/2022	310-MIS	13.09	500-FEE	14.72	851-SCTR	4.40	
07-0939-02-0	SANSOM, EDDIE R	107.78	100-WATER	90.69	300-DSS	5.16	310-MIS	9.25	
** LAST PAYMENT MADE:	1/17/2023	3/31/2023	851-SCTR	2.68					
07-0944-00-0	SHERMAN, COURTNEY	169.77	100-WATER	125.28	300-DSS	6.97	310-MIS	12.51	
** LAST PAYMENT MADE:	6/30/2022	4/30/2023	500-FEE	20.00	851-SCTR	5.01			
07-0958-00-0	MOORE, CAMERON	140.75	100-WATER	111.55	300-DSS	6.89	310-MIS	12.38	
** LAST PAYMENT MADE:	4/29/2022	10/31/2022	500-FEE	6.67	851-SCTR	3.26			
07-0958-02-0	SLONE, ALEXUS	177.09	100-WATER	143.80	300-DSS	7.02	310-MIS	12.59	
** LAST PAYMENT MADE:	7/21/2023	8/31/2023	500-FEE	9.53	851-SCTR	4.15			
07-0967-00-0	SEYMORE, SHANNON	374.84	100-WATER	231.08	150-WATER	101.17	300-DSS	7.43	
** LAST PAYMENT MADE:	9/09/2022	11/30/2022	310-MIS	13.33	500-FEE	15.01	851-SCTR	6.82	
08-0058-00-0	PRESTON, JOHNNY & MARLEN	69.25	100-WATER	57.35	300-DSS	3.64	310-MIS	6.54	
** LAST PAYMENT MADE:	2/16/2023	2/28/2023	851-SCTR	1.72					
08-0076-00-0	ADAMS, TERRY	224.23	100-WATER	186.65	300-DSS	8.18	310-MIS	14.68	
** LAST PAYMENT MADE:	1/18/2023	3/31/2023	500-FEE	9.28	851-SCTR	5.44			
08-0096-00-0	BRANHAM, MICHAEL	753.79	100-WATER	665.33	300-DSS	15.40	310-MIS	27.64	
** LAST PAYMENT MADE:	1/03/2023	3/31/2023	500-FEE	20.00	851-SCTR	25.42			
08-0158-00-0	CUT N STYLE	430.76	101-WATER	189.80	201-SEWER	143.13	300-DSS	11.41	
** LAST PAYMENT MADE:	9/26/2022	12/30/2022	310-MIS	20.47	360-S DSS	21.69	500-FEE	20.00	
			650-SPEN	8.09	800-SLSTX	10.79	850-SCT	5.38	
08-0252-00-0	OAKS, DONALD	232.46	100-WATER	178.10	300-DSS	10.52	310-MIS	18.88	
** LAST PAYMENT MADE:	6/15/2022	9/30/2022	500-FEE	20.00	851-SCTR	4.96			
08-0312-00-0	QUILLEN, NORMAN R	168.98	100-WATER	145.79	300-DSS	6.78	310-MIS	12.16	
** LAST PAYMENT MADE:	1/18/2023	2/28/2023	851-SCTR	4.25					
08-0332-00-0	MOLLETT, CHARLES	511.27	100-WATER	406.08	300-DSS	10.74	310-MIS	19.27	
** LAST PAYMENT MADE:	5/02/2022	7/31/2022	500-FEE	63.86	851-SCTR	11.32			
08-0410-00-0	COLLINS, TERRY	77.01	100-WATER	63.78	300-DSS	4.05	310-MIS	7.27	
** LAST PAYMENT MADE:	7/19/2022	9/30/2022	851-SCTR	1.91					
08-0615-00-0	CASTLE, PAULA	557.92	100-WATER	487.24	300-DSS	7.11	310-MIS	12.75	
** LAST PAYMENT MADE:	10/04/2022	12/30/2022	500-FEE	37.01	851-SCTR	13.81			
08-0621-00-0	JUDE #1, SABERT	53.29	100-WATER	44.14	300-DSS	2.80	310-MIS	5.03	
** LAST PAYMENT MADE:	6/17/2022	7/31/2022	851-SCTR	1.32					
08-0934-02-0	MAYNARD, CRYSTAL	143.59	100-WATER	111.96	300-DSS	5.94	310-MIS	10.66	
** LAST PAYMENT MADE:	5/24/2023	7/31/2023	500-FEE	11.76	851-SCTR	3.27			

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08-0977-00-0	BROWN, JOHN RAY	346.70	100-WATER	281.24	300-DSS	8.65	310-MIS	15.53	
** LAST PAYMENT MADE:	4/21/2023	7/31/2023	500-FEE	17.41	801-SLSTX	15.91	850-SCT	7.96	
08-1064-00-0	NEWSOME, CHARLES	136.58	100-WATER	114.58	300-DSS	6.68	310-MIS	11.99	
** LAST PAYMENT MADE:	3/11/2023	5/31/2023	851-SCTR	3.33					
08-1081-01-0	MAYNARD, SABRINA	132.90	100-WATER	111.42	300-DSS	4.16	310-MIS	7.48	
** LAST PAYMENT MADE:	3/14/2023	6/30/2023	801-SLSTX	6.56	850-SCT	3.28			
08-1082-00-0	PRESTON, CAMERON	1,442.73	100-WATER	1,241.56	300-DSS	9.92	310-MIS	17.80	
** LAST PAYMENT MADE:	11/16/2022	3/31/2023	500-FEE	18.63	851-SCTR	154.82			
08-1088-02-0	BOWEN, MARLIN	147.33	100-WATER	117.50	300-DSS	7.31	310-MIS	13.11	
** LAST PAYMENT MADE:	1/15/2023	3/31/2023	500-FEE	5.96	851-SCTR	3.45			
08-1119-02-0	ROBINSON, CAMERON	96.70	100-WATER	89.00	300-DSS	1.80	310-MIS	3.23	
** LAST PAYMENT MADE:	5/30/2023	5/31/2023	851-SCTR	2.67					
09-0720-00-0	WARFIELD LIQUOR & TOBACCO	235.92	101-WATER	103.52	201-SEWER	78.61	300-DSS	6.26	
** LAST PAYMENT MADE:	5/22/2023	7/31/2023	310-MIS	11.25	360-S DSS	11.91	500-FEE	11.65	
			650-SPEN	3.84	800-SLSTX	5.93	850-SCT	2.95	
09-0732-07-0	REED, TIFFANY	131.72	100-WATER	59.63	200-SEWER	48.10	300-DSS	3.63	
** LAST PAYMENT MADE:	1/19/2023	3/31/2023	310-MIS	6.53	360-S DSS	6.92	500-FEE	5.18	
			851-SCTR	1.73					
10-0818-01-0	WHITE, DACEMBER	108.23	100-WATER	77.20	300-DSS	4.69	310-MIS	8.43	
** LAST PAYMENT MADE:	2/01/2023	3/31/2023	500-FEE	15.70	851-SCTR	2.21			
10-0843-00-0	ADKINS, CRYSTAL	594.39	100-WATER	522.03	300-DSS	8.27	310-MIS	14.84	
** LAST PAYMENT MADE:	5/03/2023	6/30/2023	500-FEE	34.62	851-SCTR	14.63			
11-0053-00-0	LOWE, KENNETH	18.86	100-WATER	8.88	200-SEWER	7.07	300-DSS	0.56	
** LAST PAYMENT MADE:	5/10/2023	5/31/2023	310-MIS	1.01	360-S DSS	1.07	851-SCTR	0.27	
11-0233-01-0	PREECE, ADRIENNE	208.34	100-WATER	95.82	200-SEWER	87.72	300-DSS	4.69	
** LAST PAYMENT MADE:	2/21/2023	4/30/2023	310-MIS	8.42	360-S DSS	8.93	851-SCTR	2.76	
11-0259-01-0	SPAULDING, RONNIE G	414.77	100-WATER	182.49	200-SEWER	174.72	300-DSS	7.98	
** LAST PAYMENT MADE:	11/21/2022	2/28/2023	310-MIS	14.33	360-S DSS	15.18	500-FEE	15.00	
			851-SCTR	5.07					
11-0260-01-0	ARRINGTON, EDITH	35.81	100-WATER	16.85	200-SEWER	13.43	300-DSS	1.07	
** LAST PAYMENT MADE:	11/27/2023	1/31/2023	310-MIS	1.92	360-S DSS	2.03	851-SCTR	0.51	
12-0047-01-0	HUNT, JOSHUA	154.12	100-WATER	141.58	300-DSS	2.97	310-MIS	5.34	
** LAST PAYMENT MADE:	10/19/2022	11/30/2022	851-SCTR	4.23					
12-0090-00-0	MOLLETTE, CHRISTINA	169.91	100-WATER	123.42	300-DSS	7.55	310-MIS	13.55	
** LAST PAYMENT MADE:	9/09/2022	12/30/2022	500-FEE	21.83	851-SCTR	3.56			
12-0216-02-0	PORTER, RONNIE	149.48	100-WATER	127.20	300-DSS	6.66	310-MIS	11.96	
** LAST PAYMENT MADE:	4/28/2023	6/30/2023	851-SCTR	3.66					

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ACCOUNT NO	NAME	BALANCE LAST BILL						
12-0220-00-0	HUGHES, KEVIN	420.02	100-WATER	183.51	200-SEWER	177.93	300-DSS	7.95
** LAST PAYMENT MADE:	7/20/2022	9/30/2022	310-MIS	14.28	360-S DSS	15.13	500-FEE	16.05
			851-SCTR	5.17				
12-0220-01-0	BRYANT, STACY	407.83	100-WATER	179.58	200-SEWER	171.20	300-DSS	7.90
** LAST PAYMENT MADE:	11/08/2022	2/28/2023	310-MIS	14.18	360-S DSS	15.02	500-FEE	15.02
			851-SCTR	4.93				
13-0157-00-0	GOODPASTER, RODNEY	32.30	100-WATER	25.35	300-DSS	1.23	310-MIS	2.21
** LAST PAYMENT MADE:	6/06/2023	7/31/2022	500-FEE	2.80	851-SCTR	0.71		
14-0064-00-0	JUDE, VALERIE	181.17	100-WATER	134.91	300-DSS	8.04	310-MIS	14.43
** LAST PAYMENT MADE:	8/17/2022	11/30/2022	500-FEE	20.00	851-SCTR	3.79		
14-0069-00-0	VANHOOSE, JULIE	37.22	100-WATER	31.88	300-DSS	1.57	310-MIS	2.81
** LAST PAYMENT MADE:	6/21/2022	7/31/2022	851-SCTR	0.96				
14-0245-00-0	STACY, PAULINE	23.36	100-WATER	20.07	300-DSS	0.96	310-MIS	1.73
** LAST PAYMENT MADE:	8/08/2023	8/31/2023	851-SCTR	0.60				
14-0337-00-0	MOORE, LORETTA	75.83	100-WATER	63.51	300-DSS	3.77	310-MIS	6.77
** LAST PAYMENT MADE:	5/12/2023	6/30/2023	851-SCTR	1.78				
14-0423-00-0	BOWEN, DIANA	15.81	100-WATER	13.10	300-DSS	0.83	310-MIS	1.49
** LAST PAYMENT MADE:	8/23/2022	9/30/2022	851-SCTR	0.39				
15-0009-01-0	MIRACLE, PATRICIA	63.52	100-WATER	52.81	300-DSS	3.28	310-MIS	5.88
** LAST PAYMENT MADE:	7/21/2022	9/30/2022	851-SCTR	1.55				
15-0122-00-0	HOWARD JR, TOMMY	13.85	100-WATER	11.77	300-DSS	0.62	310-MIS	1.11
** LAST PAYMENT MADE:	8/01/2022	8/31/2022	851-SCTR	0.35				
15-0328-00-0	JENNINGS, ALLEN W	85.80	100-WATER	71.46	300-DSS	4.39	310-MIS	7.88
** LAST PAYMENT MADE:	10/14/2022	12/30/2022	851-SCTR	2.07				
15-0372-01-0	LILLY, KATHERINE	260.38	100-WATER	219.24	300-DSS	7.23	310-MIS	12.98
** LAST PAYMENT MADE:	1/17/2023	3/31/2023	500-FEE	14.78	851-SCTR	6.15		
15-0379-00-0	MARCUM, TAMMY	262.60	100-WATER	213.40	300-DSS	8.06	310-MIS	14.44
** LAST PAYMENT MADE:	5/05/2022	7/31/2022	500-FEE	21.76	851-SCTR	4.94		
15-0379-01-0	HALL, BRITTANY	1,038.08	100-WATER	942.15	300-DSS	11.93	310-MIS	21.40
** LAST PAYMENT MADE:	10/04/2022	3/31/2023	500-FEE	36.81	851-SCTR	25.79		
15-0380-03-0	MILLS, SYLVIA	55.23	100-WATER	47.24	300-DSS	2.36	310-MIS	4.24
** LAST PAYMENT MADE:	3/20/2023	5/31/2023	851-SCTR	1.39				
16-0013-01-0	DAVIS, MARY	116.79	100-WATER	91.18	300-DSS	4.21	310-MIS	7.56
** LAST PAYMENT MADE:	6/01/2023	8/31/2023	500-FEE	11.28	851-SCTR	2.56		
16-0051-00-0	EVANS #2, AMOS	320.43	100-WATER	269.77	300-DSS	8.29	310-MIS	14.88
** LAST PAYMENT MADE:	8/08/2022	11/30/2022	500-FEE	20.00	851-SCTR	7.49		

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ACCOUNT NO	NAME	BALANCE LAST BILL							
16-0140-00-0	HACKNEY, JOE S	180.36	100-WATER	134.30	300-DSS	7.97	310-MIS	14.31	
	** LAST PAYMENT MADE: 4/20/2022	7/31/2022	500-FEE	20.00	851-SCTR	3.78			
16-0281-01-0	SEXTON, SHAYNA	321.14	100-WATER	281.92	300-DSS	5.74	310-MIS	10.31	
	** LAST PAYMENT MADE: 1/03/2023	2/28/2023	500-FEE	15.33	851-SCTR	7.84			
16-0294-01-0	WORKMAN, MARY	296.32	100-WATER	248.77	300-DSS	7.35	310-MIS	13.19	
	** LAST PAYMENT MADE: 1/19/2023	2/28/2023	500-FEE	20.00	851-SCTR	7.01			
16-0326-01-0	MOLLETTE, ANGELIA	15.26	100-WATER	12.64	300-DSS	0.80	310-MIS	1.44	
	** LAST PAYMENT MADE: 7/12/2023	8/31/2023	851-SCTR	0.38					
16-0337-00-0	DOVE, BRIAN	186.86	100-WATER	154.12	300-DSS	5.36	310-MIS	9.63	
	** LAST PAYMENT MADE: 5/24/2022	7/31/2022	500-FEE	13.46	851-SCTR	4.29			
16-0341-00-0	MAYNARD, LLOYD	131.89	100-WATER	110.57	300-DSS	6.49	310-MIS	11.65	
	** LAST PAYMENT MADE: 6/03/2022	7/31/2022	851-SCTR	3.18					
16-0341-01-0	HARMON, LAURA	85.44	100-WATER	66.17	300-DSS	3.81	310-MIS	6.82	
	** LAST PAYMENT MADE: 2/15/2023	3/31/2023	500-FEE	6.74	851-SCTR	1.90			
16-0346-01-0	KEY, CHARLES WILLIAM	217.37	100-WATER	188.40	300-DSS	4.81	310-MIS	8.63	
	** LAST PAYMENT MADE: 4/07/2023	6/30/2023	500-FEE	10.07	851-SCTR	5.46			
16-0359-00-0	HODGE, SAMANTHA	149.78	100-WATER	129.56	300-DSS	5.92	310-MIS	10.62	
	** LAST PAYMENT MADE: 5/23/2022	7/31/2022	851-SCTR	3.68					
16-0373-01-0	STATON, CHRISTOPHER	89.83	100-WATER	66.90	300-DSS	3.99	310-MIS	7.16	
	** LAST PAYMENT MADE: 5/24/2022	7/31/2022	500-FEE	9.90	851-SCTR	1.88			
16-0373-02-0	STRANGE, MICHAEL	183.59	100-WATER	150.13	300-DSS	5.75	310-MIS	10.33	
	** LAST PAYMENT MADE: 1/19/2023	2/28/2023	500-FEE	13.10	851-SCTR	4.28			
16-0385-03-0	QUEEN, GEORGE	157.23	100-WATER	104.84	300-DSS	7.86	310-MIS	14.12	
	** LAST PAYMENT MADE: 12/15/2022	3/31/2023	500-FEE	20.00	801-SLSTX	5.91	850-SCT	2.95	
			851-SCTR	1.55					
16-0389-00-0	GREEN, CHRISTINA	30.77	100-WATER	25.58	300-DSS	1.59	310-MIS	2.85	
	** LAST PAYMENT MADE: 10/19/2022	12/30/2022	851-SCTR	0.75					
17-0271-00-0	KIRK, FLORENCE	52.35	100-WATER	42.63	300-DSS	2.98	310-MIS	5.34	
	** LAST PAYMENT MADE: 1/03/2023	3/31/2023	851-SCTR	1.40					
18-0024-00-0	COOK, ARLEN V	510.53	100-WATER	452.73	300-DSS	5.75	310-MIS	10.32	
	** LAST PAYMENT MADE: 9/11/2023	6/30/2023	500-FEE	29.07	851-SCTR	12.66			
50-0610-00-0	MUNCY, LYNETTE	79.30	200-SEWER	69.30	360-S DSS	10.00			
	** LAST PAYMENT MADE: 3/20/2023	4/30/2023							
**TOTALS** NUMBER OF ACCOUNTS: 116			31,236.00	100-WATER	17,813.41	101-WATER	3,355.20	150-WATER	1,713.13
			200-SEWER	3,348.56	201-SEWER	399.42	250-SEWER	75.87	
			300-DSS	697.48	310-MIS	1,251.81	360-S DSS	343.09	
			500-FEE	1,272.66	650-SPEN	22.30	800-SLSTX	185.98	



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ACCOUNT NO	=====	NAME	=====	BALANCE					
				LAST BILL					
				801-SLSTX	28.38	850-SCT	107.20	851-SCTR	621.51

ACCOUNT	SOURCE NAME	AMOUNT
07 -1200- -	ACCOUNTS RECEIVABLE	31,236.00CR
07 -1210 -	ALLOWANCE FOR DOUBTFUL ACCTS	31,236.00

WARNINGS: 0  
ERRORS: 0

\*\* END OF REPORT \*\*

**Martin County Water District, Inez KY**  
**List of Bills for Consideration**  
**26-Dec-23**

<u>Vendor</u>	<u>Description</u>	<u>Amount</u>
<b>Operations Account</b>		
1 AEP	Electric (26 bills) Estimated	\$ 17,921.13
2 Big Sandy RECC	Electric (9 bills) Estimated	\$ 2,681.30
3 Paintsville Utilities	Electric for token (9/05/23 to 10/05/23) Estimated	\$ 64.47
4 Martin County Public Library	Rent (Jan)	\$ 843.38
5 Martin County Water District	Sanitation (Nov)	\$ 141.67
6 Sales tax	11/2023 (estimated)	\$ 2,173.92
7 School tax	11/2023 (estimated)	\$ 6,513.47
8 Alliance Water Resources	12/1/23-12/15/23 O&M services	\$ 84,253.50
9 Alliance Water Resources	12/16/23-12/30/23 O&M services	\$ 84,253.50
10 Management Inf. Surcharge	Estimated (actual collected will be paid)	\$ 15,667.51
11 Debt Service Surcharge	Estimated (actual collected will be paid)	\$ 8,729.98
12 Kentucky Underground	811 Services (Nov)	\$ 133.50
13 Brian Cumbo	Legal Fees	\$ 312.50
14 Estech Systems	Phone System (Nov)	\$ 220.50
15 NexBillPay	Fees (Nov)	\$ 73.00
16 Diesel Fuel Receipts	Diesel Fuel (Nov)	\$ 25,412.60
17 H&E Equipment Services	Pump Rental	\$ 739.50
18 Citco Water	14" Hymax	\$ 1,782.25
19 Citco Water	14" Hymax	\$ 1,782.25
20 Citco Water	14"x15" Repair Clamp	\$ 2,462.02
21 Butcher's Garage & Towing	2017 Dodge Ram	\$ 253.00
22 Consolidated Pipe	Parts	\$ 4,096.75
23 Consolidated Pipe	Parts	\$ 934.40
24 Consolidated Pipe	Meter/Parts	\$ 240.00
25 Consolidated Pipe	Parts	\$ 470.26
26 Consolidated Pipe	Parts	\$ 480.00
27 Consolidated Pipe	Parts	\$ 1,817.11
28 Consolidated Pipe	Parts	\$ 221.40
29 Consolidated Pipe	Parts	\$ 1,253.10
30 Consolidated Pipe	Meter/Parts	\$ 218.74
31 Consolidated Pipe	Parts	\$ 699.42
32 Prestonsburg Utilities	Purchased Water	\$ 6,119.25
33 JABO	HDPE Pipe	\$ 1,417.22
34 M Dotson Contracting	Bore	\$ 4,610.00

**Martin County Water District, Inez KY  
List of Bills for Consideration  
26-Dec-23**

<u>Vendor</u>	<u>Description</u>	<u>Amount</u>
35 Rain for Rent	Pump Rental	\$ 11,164.88
36 Hinkle Blacktop	Gravel	\$ 555.00
37 Hinkle Blacktop	Water Pump Hauled to Turkey	\$ 1,000.00
38 Railroad Management	License Fee/UG Pipe Pigeon Roost	\$ 639.92
<b>TOTAL</b>		<b>\$ 262,636.36</b>

**Operations Account - Debt Service Funding**

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

**TOTAL OPERATIONS**

**\$ 280,436.36**

**Security Deposit Account**

**Customer**

1 Tommy Maynard	Deposit refund due to customer	\$ 13.09
2 Ervin Jude	Deposit refund due to customer	\$ 16.04
3 Jequita McCoy	Deposit refund due to customer	\$ 14.27
4 Walgreens	Deposit refund due to customer	\$ 365.29
5 Mark McCrown	Deposit refund due to customer	\$ 1.16
<b>TOTAL</b>		<b>\$ 409.85</b>

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**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**

**November 2023**

**Administrative**

Staff wishes everyone a Merry Christmas and Happy New Year!

**Water Treatment**

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

Continued utilizing diesel raw water intake pump due to low river level. Efficiency temporarily increased to 2,000 GPM for four days due to rising river level, but the level has since returned to below 3'.

Staff routinely filled RWI pump with diesel to allow it to run around the clock. In between scheduled service by Rain for Rent, Staff manually cleaned the suction screen and added oil as needed. Staff also replaced a volute inspection plate gasket that was causing the pump to lose prime.

WTP backup generator powered all critical plant equipment during a one-hour power outage on 11/26. This is the first time the generator has been needed since installation.

FabTech adjusted the sludge rake chain on Clarifier 1 that was causing shutdown due to an over-torque condition.

Pace Construction freed the blockage on the sludge blowdown valve on Clarifier 1 by jetting the line.

Bell Engineering completed final drawings for RWI pump cart. Drawings are awaiting final review and quotes for construction.

Badger Daylighting assisted in removing sludge from the WTP decant pit for two days in preparation for pending work on Clarifiers 2 & 3.

S4 Water disinfected both filters on Clarifier 1 and performed subsequent bacteriological sampling. Filters were total coliform negative and ready to be placed into service when ready.

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Submitted Alternate Staffing Plan to KY DOW for WTP Operator Joshua Vaughan.

Completed 2023 Lead and Copper Sample reporting for EPA & KY DOW.

Pace Analytical collected quarterly THM & HAA samples throughout the distribution system.

Hauled off 3 loads of scrap metal from the WTP property.

**Distribution:**

Cleared access roads to Otto Brown GST and Calloway GST.

Replaced controller, bladder tank, and pressure transducer at Little Blacklog BPS. Pump is now cycling as intended and supplying adequate pressure to the neighborhood.

Ordered parts for Badger residential meters in preparation for possible freezing conditions this winter.

Worked to add valves and hydrants to GIS in the Inez and Big Sandy Regional Airport areas.

Located valve buried under 1' of asphalt on Coalfield Lumber Rd. This will allow Staff to isolate this line during breaks with no service interruptions to nearby customers.

Replaced a section of the 8" Turkey BPS feedline near the WTP. The line had one repair clamp on each side of pipe bell end. Both were leaking.

Repaired the following main line and service line leaks: one 2" line, one 3" line, two 6" lines, one 8" line, and 17 ¾" service line leaks.

Completed line locate requests, disconnects and reconnects, routine service orders such as shut-off and setter replacement, and site remediations. Staff completed over 50 work orders and completed the oldest outstanding work order. Pending work orders remain at their lowest number this year.

**Safety**

The monthly safety meeting was held on November 28th covered Hazardous Communications and Safety Data Sheets.

**Training**


  
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**Project Updates**

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



**Martin County Water District**

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**

**November 2023**

<b>Water Pumped</b>	
Total Water Production (gallons)	41,214,000
Total Water Metered/Billed (gallons)	12,356,000
Other Water Used (gallons)	404,000
Average Daily Flow (Million Gallons per Day)	1.373
Maximum Daily Flow (Million Gallons per Day)	1.446
Fluoride Used (lbs.)	539
Chlorine Used (lbs.)	1,086
Lab Tests	3,823

**Water Quality Analysis**  
**November 2023**

Test	Routine	Special	Repeat
Bacteriological	10 (Pass)	8 (Pass)	0
		<b>Reported</b>	<b>Minimum Limit</b>
Fluoride Plant Sample	30	0.81 mg/l Average	0.6 mg/l
Chlorine Distribution Sample	Total- 30 Free- 30	<b>Low Readings</b> Total - 0.35 mg/L Free – 0.30 mg/L	0.2 mg/l

**Customer Service Request and Work Orders**

Meter Reads	3491
Meter Sets	31
Turn offs-Close account	21
Taps	1
Meter Changes	11
Disconnects for Non-payment	0
Boil Notices	1
Line Locates	82
Water Leaks/Breaks	20
Other/Investigates	81




  
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**Martin County Water District**

**Water Main Breaks & Service Lines**

<b>Date</b>	<b>Location</b>	<b>Loss (Gallons)</b>
11/1/23	Blacklog Rd	16,413
11/2/23	Beauty Rd	42,892
11/2/23	Groundhog Hlw	24,271
11/2/23	First St	38,364
11/2/23	Beauty Rd	157,566
11/3/23	Hode Rd	36,406
11/3/23	S Milo Rd	459,567
11/7/23	Blacklog Rd	172,338
11/9/23	Tomahawk Rd	354,523
11/9/23	Beauty Rd	31,512
11/9/23	Blacklog Rd	194,180
11/13/23	Rockhouse Rd	768,134
11/13/23	Turkey Crk	512,089
11/15/23	Beauty Rd	215,307
11/15/23	Fitch Br	274,613
11/16/23	Rockcastle Rd	79,274
11/16/23	Blackberry Rd	50,108
11/16/23	Bone Hlw	105,698
11/17/23	Upper Alpha	306,910
11/17/23	Big Elk Rd	166,374
11/18/23	Beauty Rd	472,698
11/20/23	Big Elk Rd	118,174

### Repair Expenses Ending October 2023

Expended	Actual YTD	Annual Budget	% Budget / Line Item
Bldg. & Grounds Maintenance	\$5,214	\$5,000	104%
Vehicle Maintenance	\$17,879	\$20,000	89%
Water Plant Maintenance	\$25,679	\$10,000	256%
Distribution System Maintenance	\$62,262	\$50,000	124%
Water Meter Maintenance	\$4,670	\$10,000	46%
Street Maintenance	\$38	\$3,141	1%
<b>Totals</b>	<b>\$115,741</b>	<b>\$98,141</b>	<b>117%</b>

### Chemical Expenses Ending October 2023

Expended	Actual YTD	Annual Budget	% Budget / Line Item
Sodium Hydroxide	\$6,975	\$11,000	63%
Polymer	\$2,092	\$15,000	13%
Alum (DELPAC)	\$37,154	\$30,000	123%
Chlorine	\$36,133	\$20,000	180%
Permanganate	\$5,178	\$19,000	27%
Fluoride	\$12,024	\$7,000	171%
Chemicals Other - Water	\$23,252	\$8,000	270%
<b>Totals</b>	<b>\$122,809</b>	<b>\$110,000</b>	<b>111%</b>

Notes:

- 1) Building & Grounds Maintenance
  - a. \$0.00
  
- 2) Vehicle Maintenance
  - a. Oil Changers \$11.29
  - b. Butcher's Exhaust & Garage \$434.98
  - c. Oil Changers \$280.84
  - d. Advance Auto \$170.35
  - e. Advance Auto \$233.24
  - f. Advance Auto \$7.61
  - g. Advance Auto \$7.78
  - h. Oil Changers \$62.00
  - i. Butcher's Exhaust & Garage \$2,608.00
  - j. Advance Auto \$39.21
  - k. Oil Changers \$62.00
  - l. O'Reilly Auto \$120.83
  - m. Advance Auto \$31.05
  
- 3) Water Plant Maintenance
  - a. Adkins FastStop \$303.41
  - b. Adkins FastStop \$100.00
  - c. Zip Zone \$410.34
  - d. Adkins FastStop \$445.29
  - e. Adkins FastStop \$412.59
  - f. Adkins FastStop \$374.56
  - g. Advance Auto \$171.67
  - h. Adkins FastStop \$271.79
  - i. Adkins FastStop \$100.00
  - j. Adkins FastStop \$100.00
  - k. Adkins FastStop \$100.00
  - l. Adkins FastStop \$100.00
  - m. Adkins FastStop \$451.84
  - n. Adkins FastStop \$100.00
  - o. Adkins FastStop \$100.00
  - p. Adkins FastStop \$100.00
  - q. Adkins FastStop \$100.00
  - r. Adkins FastStop \$100.00
  - s. Adkins FastStop \$100.00
  - t. Adkins FastStop \$448.65
  - u. Adkins FastStop \$400.06
  - v. Adkins FastStop \$100.00
  - w. Adkins FastStop \$100.00
  - x. USA BlueBook \$145.22



Professional Water and Wastewater Operations

## Martin County Water District

- y. Adkins FastStop \$100.00
- z. Adkins FastStop \$100.00
- aa. Adkins FastStop \$422.48
- bb. Adkins FastStop \$100.00
- cc. Adkins FastStop \$100.00
- dd. Adkins FastStop \$437.01
- ee. Evans Hardware \$19.35
- ff. Evans Hardware \$2.52
- gg. Adkins FastStop \$100.00

4) Well Maintenance

- a. \$0.00

5) Distribution System Maintenance

- a. \$0.00

6) Meter Maintenance

- a. \$0.00

7) Sodium Bisulfite

- a. CITCO Water \$1,352.11
- b. CITCO Water \$226.94

8) Sodium Hydroxide

- a. \$0.00

9) Lime/Caustic Soda

- a. \$0.00

10) Polymer

- a. CITCO Water \$1,311.10

11) Alum

- a. CITCO Water \$2,191.50
- b. CITCO Water \$1,094.88

12) Chlorine

- a. CITCO Water \$1,111.47
- b. CITCO Water \$2,222.93

13) Permanganate

- a. \$0.00

14) Fluoride

- a. \$0.00

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

15) Chemicals Other – Water  
a. \$0.00

# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility: Martin County Water District

For the Month of: November Year: 2023

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED AND PURCHASED</b>	
2	Water Produced	41,214
3	Water Purchased	1,537
4	<b>TOTAL PRODUCED AND PURCHASED</b>	<b>42,751</b>
5		
6	<b>WATER SALES</b>	
7	Residential	9,680
8	Commercial	2,676
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	
13	Other Sales (explain)	
14	<b>TOTAL WATER SALES</b>	<b>12,356</b>
15		
16	<b>OTHER WATER USED</b>	
17	Utility and/or Water Treatment Plant	404
18	Wastewater Plant	
19	System Flushing	65
20	Fire Department	10
21	Other Usage (explain)	
22	<b>TOTAL OTHER WATER USED</b>	<b>479</b>
23		
24	<b>WATER LOSS</b>	
25	Tank Overflows	
26	Line Breaks	4,597
27	Line Leaks	25,319
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	<b>TOTAL WATER LOSS</b>	<b>29,916</b>
32		
33	<b>Note:</b> Line 14 + Line 22 + Line 31 <b>MUST</b> Equal Line 4	
34		
35	<b>WATER LOSS PERCENTAGE</b>	
36	(Line 31 divided by Line 4)	69.98%

**MARTIN COUNTY WATER & SANITATION DISTRICT**  
**LEAK ADJUSTMENT REQUESTS**  
**12/19/2023**

repaired broken line near coupling

BILLED GALLONS/COST	20,560	236.11
AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH COST	18,560	37.12
<b>PAY (avg+leak cost)</b>		78.54
<b>WRITE OFF (billed-avg-purch cost)</b>		157.57
LATE PENALTIES TO ADJ		0.00

**157.57**

repaired broken line under building

BILLED GALLONS/COST	11,680	142.96
BILLED GALLONS/COST	9,280	117.79
AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH COST	9,680	19.36
LEAK GALLONS/PURCH COST	7,280	14.56
<b>PAY (avg+leak cost)</b>		116.76
<b>WRITE OFF (billed-avg-purch cost)</b>		143.99
LATE PENALTIES TO ADJ		9.67

**153.66**

repaired leak under porch

BILLED GALLONS/COST	5,040	73.31
AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH COST	3,040	6.08
<b>PAY (avg+leak cost)</b>		47.50
<b>WRITE OFF (billed-avg-purch cost)</b>		25.81
LATE PENALTIES TO ADJ		7.33

**33.14**

customer repaired leak

BILLED GALLONS/COST	168,030	1783.07
AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH COST	166,030	332.06
<b>PAY (avg+leak cost)</b>		373.48
<b>WRITE OFF (billed-avg-purch cost)</b>		1409.59
LATE PENALTIES TO ADJ		0.00

**1,409.59**

replaced line from meter to house

BILLED GALLONS/COST	35,670	394.62
BILLED GALLONS/COST	38,670	426.09
AVG GALLONS/BILL	3,000	51.91
LEAK GALLONS/PURCH COST	32,670	65.34
LEAK GALLONS/PURCH COST	35,670	71.34
<b>PAY (avg+leak cost)</b>		240.5

<b>WRITE OFF (billed-avg-purch cost)</b>		580.21	
LATE PENALTIES TO ADJ		0.00	<b>580.21</b>

repaired a leaking toilet

BILLED GALLONS/COST	18,520	214.71	
BILLED GALLONS/COST	14,640	174.01	
AVG GALLONS/BILL	7,000	93.87	
LEAK GALLONS/PURCH COST	11,520	23.04	
LEAK GALLONS/PURCH COST	7,640	15.28	
<b>PAY (avg+leak cost)</b>		226.06	
<b>WRITE OFF (billed-avg-purch cost)</b>		162.66	
LATE PENALTIES TO ADJ		0.00	<b>162.66</b>

repaired leak in yard

BILLED GALLONS/COST	22,030	251.53	
AVG GALLONS/BILL	2,000	41.42	
LEAK GALLONS/PURCH COST	20,030	40.06	
<b>PAY (avg+leak cost)</b>		81.48	
<b>WRITE OFF (billed-avg-purch cost)</b>		170.05	
LATE PENALTIES TO ADJ		0.00	<b>170.05</b>

repaired line between meter and home

BILLED GALLONS/COST	7,660	100.79	
BILLED GALLONS/COST	5,910	82.44	
AVG GALLONS/BILL	2,000	41.42	
LEAK GALLONS/PURCH COST	5,660	11.32	
LEAK GALLONS/PURCH COST	3,910	7.82	
<b>PAY (avg+leak cost)</b>		101.98	
<b>WRITE OFF (billed-avg-purch cost)</b>		81.25	
LATE PENALTIES TO ADJ		8.24	<b>89.49</b>

repaired leaking toilet

BILLED GALLONS/COST	34,960	387.17	
AVG GALLONS/BILL	6,000	83.38	
LEAK GALLONS/PURCH COST	28,960	57.92	
<b>PAY (avg+leak cost)</b>		141.30	
<b>WRITE OFF (billed-avg-purch cost)</b>		245.87	
LATE PENALTIES TO ADJ		0.00	
SEWER	34,960	521.14	
AVG SEWER/BILL	6,000	92.24	
LEAK SWR ADJ	28,960	428.90	
SWR PAY (AVG-LEAK)		92.24	
SWR WRITE OFF		428.90	
SWR PENALTIES TO ADJ		0.00	<b>674.77</b>

repaired water leak under home

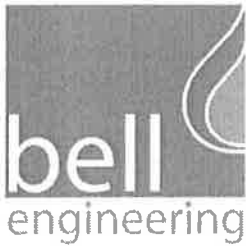
BILLED GALLONS/COST	159,530	1693.96	
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AVG GALLONS/BILL	3,000	51.91	
LEAK GALLONS/PURCH COST	156,530	313.06	
<b>PAY (avg+leak cost)</b>		364.97	
<b>WRITE OFF (billed-avg-purch cost)</b>		1328.99	
LATE PENALTIES TO ADJ		169.39	<b>1,498.38</b>

repaired leak under home

BILLED GALLONS/COST	19,350	223.42	
BILLED GALLONS/COST	12,190	148.31	
AVG GALLONS/BILL	3,000	51.91	
LEAK GALLONS/PURCH COST	16,350	32.70	
LEAK GALLONS/PURCH COST	9,190	18.38	
<b>PAY (avg+leak cost)</b>		154.9	
<b>WRITE OFF (billed-avg-purch cost)</b>		216.83	
LATE PENALTIES TO ADJ		0.00	<b>216.83</b>



**MEETING AGENDA**  
**PROGRESS MTG #50**  
**MARTIN COUNTY WATER DISTRICT**  
**MARTIN COUNTY, KENTUCKY**  
**November 14, 2023**

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

**SUMMARY OF PROJECT FUNDING:**

<u>Source</u>	<u>Amount</u>	<u>Associated Project(s)</u>
AMLER (2017)	\$3,450,000	A,B,C
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
<b>TOTAL GRANT</b>	<b>\$11,220,718</b>	

**A. 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 13<sup>th</sup> at 1:00 p.m. at the office of the Big Sandy Area Development District. There were four plan holders for the rebid. Only one bid was received (submitted by Pace Contracting).
20. The bid submitted by Pace was \$3,858,387.00.
21. The base bid of \$3,858,387.00 submitted compares to a base bid of \$3,396,220.00 submitted by Pace in December 2020. The difference was \$462,167.00 between the bids.
22. The combined base bids for the RWI/WTP Project and Water Line Replacement in the Beauty/Lovely Project exceeded the funds available for construction activities. Given the grave condition of the Raw Water Intake and Water Treatment Plant, the MCWD took the following actions:
  - A. 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)
<b>TOTAL AWARD AMOUNT</b>		<b>\$ 3,473,426.00</b>

23. A letter awarding the project to Pace under the conditions outlined in Table 1 and subject to concurrence of all the state and federal agencies was sent to Pace on July 9 2021.
24. Authorization to Proceed was received from AML on September 1, 2021. The USACE had previously granted approval.
25. Executed contract books and bonds were received from Pace on September 8, 2021.
26. A preconstruction meeting was held on September 22, 2021 at the offices of the Big Sandy Area Development District.
27. Contract books were signed and dated by the Big Sandy Area Development District at the preconstruction meeting.
28. A Notice to Proceed (NTP) was issued at the preconstruction meeting. The contract required the contractor be given ten days from the issuance of the NTP before the contract time started.
29. The Contract time began on October 4, 2021.
30. Generator start-up and training have been performed.
31. Programming of Treatment Unit 1 has been performed.
32. Remaining work:
  - Drain Unit 1.
  - Repair Leaking areas.
  - Address issue of sludge rake sticking.
  - Startup Unit 1.
  - Begin Unit 3 repair once Unit 1 is operational.

- Secure cart for pump. Bell has taken back over coordinating the cart acquisition. Our structural engineer is working through sizing of the cart members.

## B. WARFIELD AREA 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 available for the project. 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.
21. 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 have been added.
22. Permission to bid the project has been received from the Corps of Engineers.
23. Plans and specifications will be sent to Lynn Imaging this week. It usually takes Lynn a day or two to get the project up on their site. Contractors can start ordering plans/specs and working on their bids as soon as they are up on Lynn's website.
24. We are looking at opening bids for the project on either December 12<sup>th</sup> or December 19<sup>th</sup>.

#### **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. ARC WATERLINE REPLACEMENT/TELEMETRY 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 original project is closed.
15. There is \$85,832 in unspent funds from this project. The district is adding 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.
16. Bids were received for the telemetry on October 26<sup>th</sup>. The single bid received was submitted by Microcomm in the amount of \$47,246.00. Microcomm equipment is currently what the District utilizes and it was a contract requirement that the equipment supplied maintain continuity of the telemetry system.
17. A letter has been forwarded to the District advising that it is Bell Engineering's professional opinion that the Contractor is capable of performing the work at the bid price and recommending the District award the project to Microcomm.
18. Contract documents are being prepared for signature on the assumption the project will be awarded.

**E. OTTO BROWN PUMP STATION AND LINE REPLACEMENT PROJECT**

1. Project budget was revised and sent to AML on September 19, 2019.
2. The Memorandum of Agreement between AML and BSADD was signed by BSADD on September 25<sup>th</sup>. The MOA was signed by AML on October 1, 2019.
3. A contract for engineering services has been executed by the Big Sandy Area Development District.
4. Bell and MCWD personnel went to the field to review potential tank and pump station sites.
5. The Preliminary Engineering Report for the project is complete and has been distributed.
6. Plans have been prepared for the 250,000-gallon water storage tank.
7. Bell, Alliance and MCWD coordinated with the mineral lease holder and the surface owner concerning location of the proposed tank and pump station.



BSADD, Bell and Alliance representatives met with the property owner on January 30, 2020.

8. On March 3<sup>rd</sup>, the property owner advised most of the property is permitted with only a phase one bond release.
9. Bell and Alliance met on-site with the property owner on May 5, 2020 and permission to move forward was granted.
10. The site was surveyed on May 27, 2020 and topographic mapping was developed.
11. At the request of the MCWD, work on this project was previously paused.
12. A request was submitted to AML asking that the project scope be revised.

Components that would remain in the project include:

- Upgrade of the existing Davella Pumping Station
- Construction of a Master Meter
- Construction of a Booster Chlorination System

Proposed revised scope components:

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

13. The request was approved by OSM.
14. Replacement water lines have been designed and reviewed with Alliance. The New Otto Brown Station has been designed. It will be built near the existing station. New station will be above ground concrete block structure in order to eliminate confined space issues. Final changes are being made to the Davella station and project will be ready for review with Alliance. Project will then be submitted to Division of Water.

**F. WATER LINE RELOCATION HUNTER'S LANE**

1. Met on-site with Bizzack Construction, Alliance Water Resources and representatives of other utilities.
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. Project is on hold.

- H. SESTER BRANCH UTILITY RELOCATION**
1. Representatives of KYTC, Alliance, Bell Engineering and the gas company met onsite to discuss the project. Bell has forwarded the draft plans to both KYTC and Alliance for review. Bell has also forwarded a contract to KYTC for review. Both Engineering and construction related costs will be paid by KYTC.
  2. Bell met onsite with KYTC on September 20<sup>th</sup> to review final plans.
- I. REPLACE BRIDGE ON KY 40 OVER BUCK CREEK**
1. Met with KYTC to review proposed work. Both Engineering and construction related costs will be paid by KYTC.
  2. Bell met onsite on September 20<sup>th</sup> with KYTC to review roadway alignment and existing waterline conflicts.
- J. HIGH SCHOOL PUMP STATION CHECK VALVE**
1. Project to move forward when funded. An updated project cost has been provided to Alliance.
- K. FEMA BACKUP GENERATOR PROJECT**
1. FEMA funded 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.
  3. Project design is ongoing tracking toward a spring design completion.
- L. KY 292 UTILITY RELOCATION**
1. Representatives of KYTC, Alliance and Bell Engineering met onsite to discuss the project.
  2. Bell has been onsite to survey the property.
  3. Bell is preparing an opinion of cost for KYTC.
- M. 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.
- N. 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, entered into the KIA portal and forwarded to AML for funding consideration.

**O. 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.

**P. 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, entered into the KIA portal and forwarded to AML for funding consideration.

**Q. 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, entered into the KIA portal and forwarded to AML for funding consideration.

**R. 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, entered into the KIA portal and forwarded to AML for funding consideration.

**S. 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, entered into the KIA portal and forwarded to AML for funding consideration.

**T. 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, entered into the KIA portal and forwarded to AML for funding consideration.

**U. 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
- Meathouse Water Line Replacement and Booster Station Rehabilitation
- Hode Water Line Replacement
- Cassell 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

**MARTIN COUNTY WATER DISTRICT 5 YEAR CAPITAL ITEMS**

CAPITAL PROJECTS IN GRANT PROCESS	Pnum	PRIORITY	GRANT PORTAL YEAR	CONSTRUCTION YEAR	COST	FUNDING SOURCE	COMMENTS
RT 40E - WATER IMPROVEMENT PROJECT	WX21159019	1	2023		\$ 975,000	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	WX21159026	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	WX21159023	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	WX21159025	1	2023		\$ 681,000	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 & Hydrants in the Warfield Area	WX21159006	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	WX21159015	1	2022		\$ 1,320,000	FEMA	WILL BE GENERATOR AT 40E AND 40W BOOSTER STATIONS AND THE RAW WATER INTAKE
METER REPLACEMENT PROJECT	WX21159013	1	2023		\$ 2,000,000	IN GRANT PORTAL	REDUCE WATER LOSS, EFFICIENTLY IN OPERATIONS AND ELIMINATION OF HUMAN ERROR IN METER READING
HIGH SCHOOL PUMP STATION CHECK VALVE		1	2022		\$ 81,000.00		ENABLE THE DISTRICT TO USE THE HIGH SCHOOL TANK TO PROVIDE WATER TO OTHER AREAS OF THE SYSTEM BESIDES THE HIGHSCHOOL. THIS PROJECT WILL REQUIRE A PIT INSTALLED IN THE GROUND ALONG WITH THE CHECK VALVE
OLD ROUTE 3 - WATER IMPROVEMENT PROJECT	WX21159024	1	2023		\$ 5,066,000.00	IN GRANT PORTAL - UNFUNDED	THIS PROJECT WILL REPLACE TRANSMISSION LINE, SERVICE LINE AND METERS ALONG OLD ROUTE 3. A LINE THAT TYPICALLY SEES A LOT OF LINE LEAKS. IT WILL INSTALL VALVES EVERY 500' FOR FUTURE LEAK DETECTION
MARTIN COUNTY WATER DISTRICT - LEAD SERVICE LINE INVENTORY	WX21159018	3	2023		\$ 299,250.00	IN GRANT PORTAL - UNFUNDED	This project is for the Utility to conduct a Lead Service Line Inventory as required under 40 CFR 141.84. This project consists of a system wide Lead Service Line (LSL) Inventory. This shall include a comprehensive inventory of each service connection within the system to determine the service line material on both sides of the meter.
WATER SYSTEM CONTROLS AND RAW WATER MODIFICATIONS PHASE III	WX21159018	3	2022		\$ 2,563,852.00	IN GRANT PORTAL - UNFUNDED	1) Replacement of Treatment Unit No. 2's Sludge Collector Drive, 2) an additional 20-Foot Section of the 10-inch DR 11 HDPE 4710 Pipe and an additional 20-Foot Section of 12" DRI HDPE Pipe, 3) Paving of the Access Road at the Raw Water Intake Site, 4) Replacement of Carbon Steel Tube Settler Supports with 304/304L Stainless Steel Supports, 5) 60-Foot and 20-Foot Sections of 10-inch DRI HDPE 4710 Flanged Pipe, 6) A second Pump Trailer, 7) Various Unit Price Items, 8) The project will replace existing main lines, service lines, and hydrants in an area that has been a perpetual source of leaks and breaks for the MCWD. The project will replace approximately 14,500 LF of the mainline, associated service line, and appurtenances
<b>TOTAL</b>					<b>\$ 30,487,760</b>		

MARTIN COUNTY WATER DISTRICT CAPITAL ITEMS				
PROJECTS NOT IN GRANT PROCESS	PRIORITY	YEAR	COST	COMMENTS
INEZ WATER LINE AND VALVE REPLACEMENT	1		\$ 5,318,000.00	OLDEST SECTION OF THE SYSTEM CONSISTING OF AC LINE AND OLD SERVICES, 90% WATER LOSS
DISTRIBUTION BUILDING AND PIPE YARD	3		\$ 897,000.00	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		\$ 9,293,000.00	BOOSTER STATION IS UNDERGROUND AND SUBJECT TO FLOODING. ONLY 1 PUMP IS OPERATIONAL. A MASTER METER NEEDS INSTALLED AT THE PUMP STATION FOR LEAK DETECTION.
BIG ELK WATER LINE REPLACEMENT AND BOOSTER STATION REHABILITATION	2		\$ 2,433,000.00	BOOSTER STATION IS UNDERGROUND AND SUBJECT TO FLOODING. ONLY 1 PUMP IS OPERATIONAL. A MASTER METER NEEDS INSTALLED AT THE PUMP STATION FOR LEAK DETECTION.
BUFFALO HORN WATER LINE REPLACEMENT AND BOOSTER STATION REHABILITATION	2		\$ 2,186,000.00	BOOSTER STATION IS UNDERGROUND AND SUBJECT TO FLOODING. ONLY 1 PUMP IS OPERATIONAL AND THE CHECK VALVES HAVE FAILED. THIS AREA CURRENTLY HAS 65% WATER LOSS AND A MASTER METER NEEDS INSTALLED AT THE PUMP STATION FOR LEAK DETECTION.
645 WATER LINE REPLACEMENT AND BOOSTER STATION REHABILITATION	3		\$ 1,255,000.00	BOOSTER STATION IS UNDERGROUND AND SUBJECT TO FLOODING. THIS STATION NEEDS EQUIPPED WITH A MASTER METER FOR LEAK DETECTION IN THIS AREA.
WOLF CREEK/PIGEON ROOST WATER LINE REPLACEMENT	2		\$ 1,315,000.00	THE WATER LINE IN THIS AREA IS SUBJECT TO MULTIPLE BREAKS EACH YEAR AND CURRENTLY HAS 60% WATER LOSS. NEW LINE IN THIS AREA WITH VALVES WILL REDUCE WATER LOSS AND AID IN LEAK DETECTION IN OTHER LARGE PORTIONS OF THE SYSTEM.
MEATHOUSE WATER LINE REPLACEMENT AND BOOSTER STATION REHABILITATION	3		\$ 7,652,000.00	THIS WATER LINE IS THE FARTHEST AWAY FROM THE SYSTEM AND AN AREA THAT HAS SHOWN POTENTIAL FOR DBP ISSUES. THE BOOSTER STATION ONLY HAS ONE OPERATIONAL PUMP THAT MUST BE MANUALLY OPERATED CAUSING OPERATIONAL ISSUES. THIS STATION IS SUBJECT TO MULTIPLE POWER OUTAGES AND HAS NOT BACKUP POWER.
HODE WATER LINE REPLACEMENT	2		\$ 5,226,000.00	THIS AREA HAS BEEN SUBJECT TO MULTIPLE LEAKS. IT CURRENTLY

CASSELL BRANCH WATER LINE REPLACEMENT AND BOOSTER STATION REHABILITATION	3		\$	1,574,000.00	EXISTING BOOSTER STATION ONLY HAS 1 FUNCTIONAL PUMP. NO TELEMETRY TO PLANT AND NO BACK UP POWER. SEVERAL HYDRAULIC ISSUES WITH THE WATER LINES THAT HAVE LED TO LOW PRESSURE FOR CUSTOMERS AND MANY LEAKS.
CREEK CROSSING REPLACEMENT	2		\$	1,000,000.00	STATISTICALLY CREEK CROSSINGS CAN BE A MAJOR AREA FOR WATER LOSS THAT IS DIFFICULT TO FIND. NEW CREEK CROSSINGS IN STRATEGIC AREAS WOULD HELP REDUCE WATER LOSS AND INCREASE THE LONGEVITY OF THE SYSTEM.
VALVE INSERTION	2		\$	750,000.00	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		\$	850,000.00	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		\$	1,877,000.00	EXISTING BOOSTER STATION ONLY HAS 1 FUNCTIONAL PUMP. NO TELEMETRY TO PLANT AND NO BACK UP POWER. SEVERAL HYDRAULIC ISSUES WITH THE WATER LINES THAT HAVE LED TO LOW PRESSURE FOR CUSTOMERS AND MANY LEAKS.
PETER CAVE WATER LINE REPLACEMENT AND BOOSTER STATION REHAB	3		\$	1,457,000.00	EXISTING BOOSTER STATION IS STRUCTURALLY UNSOUND AND ONLY HAS 1 FUNCTIONAL PUMP. NO TELEMETRY TO PLANT AND NO BACK UP POWER. SEVERAL HYDRAULIC ISSUES WITH THE WATER LINES THAT HAVE LED TO LOW PRESSURE FOR CUSTOMERS.
KERMIT WATER LINE CONNECTION					
TOTAL			\$	43,300,626.00	

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

TOTAL	\$ 137,000.00
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