



BRIAN CUMBO

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ADMITTED IN KY AND WV

September 23, 2024

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 September 24, 2024 Board meeting.

Thank you for your attention to this matter.

Very truly yours,

BRIAN CUMBO

BC/ld

Enclosure

cc: Martin County Water District
Hon. Mary Varson Cromer

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

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

CASE NO. 2020-00154

NOTICE OF FILING

Comes the Martin County Water District, by counsel, and hereby gives Notice of Filing of the attached information packet for the Martin District Board meeting on September 24, 2024.



BRIAN CUMBO
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WATER DISTRICT
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CERTIFICATE OF SERVICE

This will certify that a true and correct copy of the foregoing was served via electronic filing on this the 23rd day of September, 2024, 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, September 24, 2024 – 6:00 p.m.
Martin County Government Center (2nd Floor)

- 1) Call the meeting to order
- 2) Transition Statement from Jimmy Kerr
- 3) Elect New Board Chairman
- 4) Elect New Board Secretary
- 5) Review and Consideration to Approve Minutes
- 6) Review and Consideration of Financial Reports
 - A. Review and Consideration to Approve Treasurer's Report
 - B. Review and Consideration to Approve Other Financials
- 7) Review and Consideration to Approve Bills
- 8) Legal
 - A. Any Issues for Discussion with Board Attorney
- 9) Operations
 - A. Alliance Operations Report
 - B. Water Loss Report
 - C. Leak Adjustments
- 10) Capital Projects Report
 - A. Project Updates
 - B. 5 Year CIP
- 11) Other Old Business
- 12) Other New Business
 - A. Reallocation of Cleaner Water Funds to Finish Telemetry Resolution
 - B. Turkey Creek Tank HB1 Resolution
 - C. Meter Replacement HB1 Resolution
- 13) Consider Motion to Convene into Closed Executive Session
- 14) Consider Motion to Close Executive Session
- 15) Introduction of Guest-Five (5) Minute Maximum
- 16) Adjourn

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

**Martin County Water District
Regular Meeting of the Board of Directors
August 27, 2024, Meeting Minutes**

Presiding: James Kerr, Chairman

Present: Directors: John Hensley, Greg Crum, Nina McCoy
Staff: Brian Cumbo (Attorney), Todd Adams (DM), Colby May (LM),
Cassandra Moore

Guests:

The Regular Meeting of the Martin County Water District was held on August 27, 2024, at the Martin County Government Center, at 42 East Main St (2nd Floor), Inez, Kentucky 41224. Mr. Kerr called the meeting to order at 6:00 p.m.

Mr. Kerr called for review of the July 23, 2024 Board Meeting minutes

- Mr. Hensley motioned to accept the July 23, 2024 minutes
- Mrs. McCoy seconded
- All ayes
- Motion carried

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

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

Mr. Kerr called for review and consideration to Approve Bills

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

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

Mr. Kerr called for review of the Operations Report

- Clarifier #3 tube settler installed. Bearings and Sprocket installed mid-August
- New rake chain for Clarifier #3 installed
- Pumped 171.5 hours to the prison
- Estimated 80% of water main replacement on Collins Creek completed
- Fixed a total of 36 water leaks in the distribution system for the month

Mr. Adams presented an update of the water loss report

- Water loss was reported at **61.83%** for the month of July 2024

Mr. Kerr presented the Board with the July Leak Adjustments

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

Mr. Kerr presented the Board with the 3rd Quarter 2024 State and Federal Compliance Report

Mr. Adams presented an update on the capital projects report

- The clarifier is back in service and will help especially this winter when we may need to produce more water. It will also help during the storm months to be able to use all three clarifiers to treat at a slower rate, having better water quality going out to the system. We will be able to drain the other clarifiers and maintenance them as needed
- The RWI project has been debated back and forth the past few weeks about the floating pontoon. The contractor has some concerns with it when they tried to install it. It wasn't working the way they thought it should. They have now brought in another party to look at it. The engineer is reviewing the scope that they had sent back saying this is what's going to work. They are saying what was designed is not going to work now. The engineer is still under the impression that what they have designed will still work, so they are going back and forth with it. Mr. Adams was supposed to have something today from the engineer showing what the recommendations are going to be, but he has yet to receive anything yet
- Mr. Kerr informed and updated the Board that all of our projects go through Big Sandy ADD so they are the owners of the projects not us, so we have to go through the Big Sandy ADD in order to get anything done. Mr. Adams wrote a letter today

and we will be seeking liquidated damages for around \$67,950.00. Mr. Kerr has also made the request that the contingency money that's left over, be returned to the District for the cost of diesel that has been bought. Mr. Kerr, Mr. Adams, Mr. May and Eric Ratliff with Big Sandy ADD met last week to discuss the concerns and issues the District is having with the project. They also made him aware of Xylem and the issue the District is having with the large pump and that we are pursuing that as well

- The Warfiled Area Line Improvement (Collins Creek) project has about 80% of the main line complete. They're on schedule to get that completed on time
- The Water System Hydraulic Modeling has nothing new to report at this time
- The ARC Waterline Replacement/Telemetry Project is the next on the project updates. Microcomm has been on sight for the last week. They came in and put all the equipment in, but there is something with the control panel on sight that they think could have to be replaced
- The Otto Brown Pump Station and Line Replacement Project is waiting for Bell to prepare the final document for the DOW
- F-H is just utility locates that the state will be funding, Mr. Adams has reviewed the plans with Bell Engineering and everything looks good on our end so they will be putting those out to bid somewhere around the middle of September
- FEMA Project has nothing new to update
- KY 292 Utility Relocation is the same as F-H
- Turkey Tank Rehabilitation has been allocated, but we are waiting for Bell to finalize the designs
- Countywide Meter Replacement Project is waiting on Bell Engineering
- Spicy Mountain Water Extension is a project they have worked on for the last couple months with Paintsville Utilities. They designed a system that would put a tank on the hill and would be tied in on both end for MCWD with a master meter
- Inez Utility Replacement, 40E Water Improvement Project, Coldwater Water Improvement Project, Old Route 3 Water Improvement Project, and Water Improvement Project Between WTP and Turkey Tank have had new updated project profiles created by Bell to update the portal
- Prepared Opinion of Probable Project Cost For The Following Projects has no new updates

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

- Mr. Kerr advised the Board that Eric Mills has a non-profit in town and Toyota has offered \$50,000 and he has brought a group together to potentially do a master plan. There are no updates, but Mr. Kerr wanted to make sure everyone was aware of it

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

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 the meeting at 6:25 p.m.
- Mr. Crum seconded
- All ayes
- Motion Carried

Minutes approved this _____ day of _____, 2024.

Chairman

Cassandra Moore, District Clerk

**Martin County Water District
Special Meeting of the Board of Directors
August 30, 2024, Meeting Minutes**

Presiding: James Kerr, Chairman
Present: Directors: John Hensley, BJ Slone, Nina McCoy
Staff: Brian Cumbo (Attorney), Todd Adams (DM), Cassandra Moore
Guests:

The Special Meeting of the Martin County Water District was held on August 30, 2024, at the Alliance Water Resources Corporate Office, at 155 E Main Street, Inez, Kentucky 41224. Mr. Kerr called the meeting to order at 8:00 a.m.

Mr. Kerr called for review and approval of the KIA WWATERS Resolution

- Mr. Hensley motioned to approve the KIA WWATERS Resolution
- Mr. Slone seconded
- All ayes
- Motion carried

Mr. Kerr requested a motion to adjourn.

- Mr. Hensley motioned to adjourn the meeting at 8:01 a.m.
- Mr. Slone seconded
- All ayes
- Motion carried

Minutes approved this _____ day of _____, 2024.

Chairman

Cassandra Moore, District Clerk

Martin County Water District
Balance Sheet
August 31, 2024

8/31/24

ASSETS

CURRENT ASSETS

Checking Account - Operations	\$	32,226.35
Revenue Fund - EFT		5,456.49
Debt Service Surcharge Fund		1,000.06
Management Infrastructure Surcharge Fund		1,000.09
Security Deposits		105,753.57
Cash on Hand		900.00
Total Cash		146,336.56
Accounts Receivable		374,948.99
Allowance for Doubtful Accounts		(55,321.70)
Unbilled Accounts Receivable		46,933.00
Inventory		4,249.44
Prepaid Expenses		15,617.81
Total Current Assets		532,764.10

PROPERTY, PLANT, & EQUIPMENT

Land	214,713.83
Water Supply & Distribution System	28,460,189.36
Buildings	500,263.89
Equipment & Furniture	6,186,445.00
Vehicles	47,635.45
Construction Work in Progress	333,133.88
Leased Assets	33,934.71
Less: Accumulated Amortization - ROU leased asset	(25,253.76)
Less: Accumulated Depreciation	(19,437,987.22)
Net Property, Plant, & Equipment	16,313,075.14

RESTRICTED CASH

Grant Fund	63.07
Sinking Fund - RD	11,526.29
Regions Sinking Fund	66,617.85
KIA Sinking Fund	5,691.75
KACO Sinking Fund	5,774.34
Depreciation Fund	1,022.64
Cost of Issuance Fund 2022	2,098.00
Rt 40E Water Improvement Project	75.00
Accrued Interest Receivable	297.00
Total Restricted Cash	93,165.94

Total Assets **\$ 16,939,005.18**

Martin County Water District
Balance Sheet
August 31, 2024

8/31/24

LIABILITIES AND DISTRICT'S EQUITY

CURRENT LIABILITIES

Accounts Payable	\$	307,433.34
Sales Tax Payable		1,885.25
School Tax Payable		6,188.10
Current Portion of Lease Liabilities		9,869.98
Long Term Debt-Current		50,691.96
Accrued Interest Payable		10,314.48
Customer Deposits		101,843.73
Total Current Liabilities		<u>488,226.84</u>

LONG-TERM DEBT

Lease Liability - Rent		9,482.60
Lease Payable - KACO		11,221.96
Bonds Payable - 2015 E Current Refunding		1,520,000.00
Bonds Premium - 2015 E, Net of A/Amort		15,350.25
Note Payable - KIA WMAF		1,289,828.51
Current Portion of Lease Liabilities		(9,869.98)
Less Current Portion of L-Term Debt		(50,691.96)
Other Inflow Resources - Pension		22,451.00
Total Long-Term Debt		<u>2,807,772.38</u>

Total Liabilities

3,295,999.22

DISTRICT'S EQUITY

Retained Earnings (Deficit)		14,016,387.87
YTD Net Income		(373,381.91)
Total District's Equity		<u>13,643,005.96</u>

Total Liabilities and District's Equity

\$ 16,939,005.18

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

<u>August, 2024</u>			<u>YTD</u>		<u>Annual Budget</u>
<u>Actual</u>	<u>Budget</u>		<u>Actual</u>	<u>Budget</u>	<u>Budget</u>
		Operating Revenues			
\$ 175,526	\$ 175,833	Water Sales - Residential	\$ 1,423,377	\$ 1,406,664	\$ 2,110,000
18,592	29,167	Water Sales - Commercial	284,471	233,336	350,000
16,088	10,417	Water Sales - Public Authorities	57,739	83,332	125,000
24	33	Bulk Water Sales	380	268	400
1,000	2,215	Connection Fees - Tap	11,076	17,720	26,580
5,675	4,583	Late Charge Fees	53,473	36,664	55,000
3,144	1,955	Reconnect/Meter Sets/Other Fees	21,134	15,645	23,465
8,634	8,917	Debt Service Surcharge	69,490	71,336	107,000
15,495	15,673	Management Infrastructure Surcharge	124,712	125,389	188,081
-	-	Miscellaneous Income	960	-	-
244,177	248,793	Total Operating Revenues	2,046,812	1,990,354	2,985,526
		Operating Expenses			
2	2,500	Water Purchased	46,609	20,000	30,000
168,507	168,507	Management & Operations Contract	1,348,056	1,348,056	2,022,084
25,610	27,917	Utilities	181,851	223,336	335,000
2,631	2,500	Insurance	19,152	20,000	30,000
48,324	9,167	Repairs & Maintenance	253,149	73,332	110,000
-	83	Outside Services	37	668	1,000
513	833	Legal Expenses	4,425	6,668	10,000
-	-	Accounting/Audit	8,125	8,000	8,000
3,750	3,750	Bad Debts	30,000	30,000	45,000
-	-	Bond Trustee Fees	900	500	500
428	385	Dues	3,425	3,080	4,620
236	344	Office Expense	4,669	2,754	4,130
-	833	Rent Expense	25	6,664	10,000
-	-	Regulatory Assess Fees	4,703	-	-
414	125	KY 811 Services	1,433	1,000	1,500
70	55	Miscellaneous Expenses	(564)	440	660
520	5	Customer Deposit Interest Expense	6,139	43	65
251,005	217,004	Total Operating Expenses	1,912,133	1,744,541	2,612,559
(6,828)	31,789	Net Income B/4 Other Income (Expenses)	134,679	245,813	372,967
		Other Income (Expenses)			
-	-	Capital Contributions	43,355	-	-
412	-	Interest Income	2,377	-	-
(4,935)	(8,333)	Interest Expense	(43,810)	(66,664)	(100,000)
(726)	63	Amortization	(5,482)	504	753
(61,000)	(65,000)	Depreciation	(500,000)	(520,000)	(780,000)
-	-	Loan Issue Costs	(4,500)	-	-
(66,250)	(73,270)	Total Other Income (Expenses)	(508,061)	(586,160)	(879,247)
\$ (73,078)	\$ (41,481)	Net Income (Loss)	\$ (373,382)	\$ (340,347)	\$ (506,280)

**Martin County Water District
Inez, KY**

Treasury Report

Billing Charges For the Month of:	Aug-24	
Water Revenue		\$ 175,526.27
Water Revenue-Commercial		18,592.11
Water Revenue-Commercial Exempt		7,319.14
Late Charges		5,674.84
Sales Taxes		1,590.16
Debt Service Surcharge		8,633.64
School Tax		6,226.48
Management Infrastructure Surcharge		15,494.61
Returned Check		1,239.56
Interest on Customer Deposits		(519.91)
Connection Fees		1,000.00
Other Miscellaneous Fees		3,084.28
Deposits Applied		(1,755.00)
Refund Checks Paid		294.22
Total Billing Charges		\$ 242,400.40
		<hr/>
Gallons Billed		13,401,580
		<hr/>
Customers Billed		3,350
		<hr/>

Accounts Receivable	Aug-24	
Beginning Balance		422,290.86
Billing Charges		242,400.40
Bad Debt (Write Offs) Recoveries		162.59
Accounts Receivable Collections		(291,260.51)
End of Month Accounts Receivable		373,593.34
		<hr/>

Operations Account		
Beginning Balance		\$ 57,707.02
Deposits		
Accounts Receivable Collections		291,260.51
Accounts Receivable Collections - Pmts in EFT Revenue Account		(131,354.70)
Sewer Billing Collections in Water Bank Acct - Due to MCS		104,678.00
Customer Deposits Received		3,150.00
Miscellaneous Income (Tokens,Hydrant Meter)		84.00
Prestonsburg Utilities		8,768.45
Transfers from Other District Accts		129,000.00
Total Deposits		405,586.26
Disbursements:		
Checks Written		(258,074.41)
Pmts made to Sanitation for A/R Collections		(92,009.20)
Transfers to Other District Accts		(43,403.41)
Auto Drafted Utilities		(24,932.95)
Returned Checks		(1,375.65)
Bank Fees		(45.00)
Sales and School Tax Payments		(11,226.31)
End of Month Balance		\$ 32,226.35
		<hr/>

Cash Receipts Collected To Date in:	Sep-24	211,504.67
Bills Submitted for Payment in:	Sep-24	(253,717.01)
Available Balance	6A-4	(9,985.99)
		<hr/>

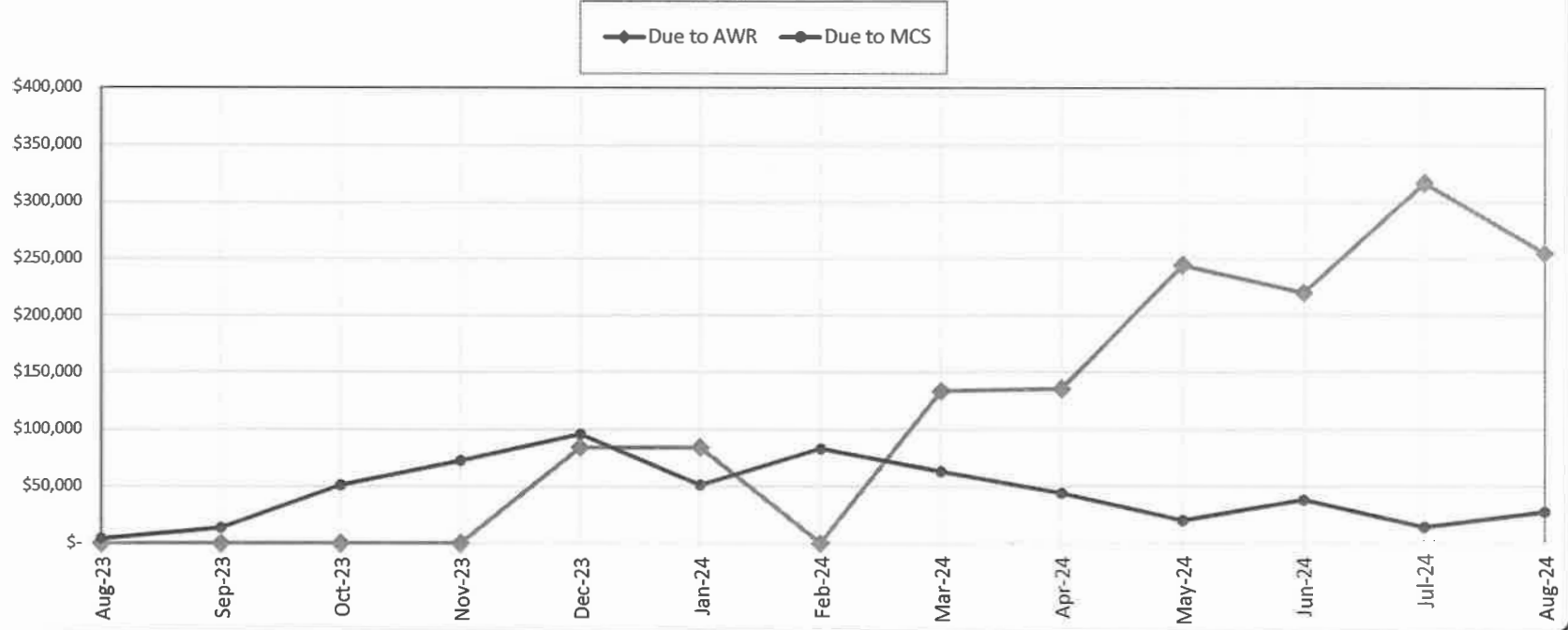
Martin County Water District
Inez, KY
Treasury Report
Summary of Cash & Investments
August 31, 2024

Bank Account	Beginning Balance	Deposits	Interest Earned, Net of Fees	Payments	Ending Balance
Operations Account	\$ 57,707.02	405,586.26	-	(431,066.93)	\$ 32,226.35
Revenue EFT Account	4,333.35	131,354.70	-	(130,231.56)	5,456.49
Debt Service Surcharge	1,000.11	8,850.15	0.06	(8,850.26)	1,000.06
Management Infrastructure Surcharge	1,000.19	15,883.26	0.09	(15,883.45)	1,000.09
Security Deposits	104,873.27	1,170.00	4.52	(294.22)	105,753.57
Cash on Hand	900.00	-	-	-	900.00
Total Unrestricted Cash	169,813.94	562,844.37	4.67	(586,326.42)	146,336.56
Restricted Cash					
ARC Grant	63.07	-	-	-	63.07
Rockhouse Project	10,954.52	10,800.00	-	(10,228.23)	11,526.29
Regions Bank-KY 2015E Martin County	56,053.63	10,228.23	335.99	-	66,617.85
KIA Bond & Interest	5,724.12	5,600.00	0.07	(5,632.44)	5,691.75
KY Assoc of Counties Leasing Trust	4,872.21	1,000.00	0.09	(97.96)	5,774.34
Depreciation Reserve	1,022.62	-	0.02	-	1,022.64
Rt 40E Water Improvement Project	-	100.00	-	(25.00)	75.00
Cost of Issuance Fund 2022	2,098.00	-	-	-	2,098.00
Total Restricted Cash	80,788.17	27,728.23	336.17	(15,983.63)	92,868.94
Total Cash & Investments	\$ 250,602.11	590,572.60	340.84	(602,310.05)	\$ 239,205.50

**Martin County Water District
Billing Summary**

Date	Billed		Gallons (000'S)	Billed # of Customers	Payments Received
	Revenue	YTD Total			
Aug-24	226,147	1,824,527	13,402	3,350	291,261
Jul-24	252,695	1,598,380	15,960	3,354	265,909
Jun-24	242,641	1,345,685	15,002	3,360	257,337
May-24	216,837	1,103,043	12,467	3,358	237,602
Apr-24	213,974	886,207	12,086	3,364	251,226
Mar-24	212,057	672,233	11,811	3,363	272,363
Feb-24	248,544	460,176	14,796	3,368	242,010
Jan-24	211,632	211,632	11,527	3,363	256,105
Dec-23	220,140	2,660,623	12,672	3,382	243,624
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

Martin County Water District



Martin County Water District, Inez KY
List of Bills for Consideration
24-Sep-24

<u>Vendor</u>	<u>Description</u>	<u>Amount</u>
Operations Account		
1 AEP	Electric (26 bills) Estimated	\$ 21,070.38
2 Big Sandy RECC	Electric (9 bills) Estimated	\$ 2,596.16
3 Paintsville Utilities	Electric for token (7/02/24 to 8/02/24) Estimated	\$ 66.66
4 Martin County Public Library	Rent (Oct)	\$ 868.08
5 Martin County Water District	Sanitation (Aug)	\$ 141.67
6 Sales tax	8/2024 (estimated)	\$ 2,648.79
7 School tax	8/2024 (estimated)	\$ 6,784.41
8 Alliance Water Resources	9/1/24-9/15/24 O&M services	\$ 84,253.50
9 Alliance Water Resources	9/16/24-9/31/24 O&M services	\$ 84,253.50
10 Alliance Water Resources	Insurance Policy Installment (9/10)	\$ 2,120.60
11 Brian Cumbo	Legal Fees	\$ 512.50
12 Management Inf. Surcharge	Estimated (actual collected will be paid)	\$ 15,883.26
13 Debt Service Surcharge	Estimated (actual collected will be paid)	\$ 8,850.15
14 Kentucky Underground	811 Services (Aug)	\$ 414.00
15 Estech Systems	Phone System (Aug)	\$ 223.82
16 NexBillPay	Fees (Aug)	\$ 16.00
17 Diesel Fuel Receipts	Diesel Fuel (Aug)	\$ 36,084.88
18 H&E Equipment Services	Pump Rental	\$ 739.50
19 Rain for Rent	Pump Rental	\$ 10,920.84
20 Mountain Water District	Purchased Water	\$ 1.72
TOTAL		\$ 278,450.42
Operations Account - Debt Service Funding		Transfer Amounts
1 KIA	Monthly funding for KIA Bond/Loan	\$ 5,700.00
2 KACo	Monthly funding for lease payment	\$ 1,000.00
3 KRW/Regions Bank	Monthly funding for loan	\$ 10,800.00
TOTAL		\$ 17,500.00
TOTAL OPERATIONS		\$ 295,950.42

Security Deposit Account

Customer			
1	Aleishia Hensley	Deposit refund due to customer	\$ 31.29
2	Karen Montgomery	Deposit refund due to customer	\$ 0.17
3	Gladys Spence	Deposit refund due to customer	\$ 67.15
4	James A. Sorenson	Deposit refund due to customer	\$ 34.14
5	Wesley Goble	Deposit refund due to customer	\$ 12.72
6	Donald Justice	Deposit refund due to customer	\$ 160.53
7	Kate Hamilton	Deposit refund due to customer	\$ 41.94
8	Misty Marcum	Deposit refund due to customer	\$ 23.61
TOTAL			\$ 371.55



Professional Water and Wastewater Operations

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

September 2024

Administrative

Water Treatment

New bearings, sprockets and chain replaced on Clarifier # 3

Filters disinfected and clarifier # 3 put in service

Removed old fluoridation feed system from WTP

Made repairs to chlorine feed system

Made repairs to sludge ports on clarifier # 3

Diesel pump at RWI went down – Rain for Rent made repairs

Pumped 201.5 hours to the Prison

Made repairs to sludge drain for Clarifier # 3

SCADA computer went out – replaced and will be paid out of 292 telemetry project

Distribution

Fixed leak at Eden School – estimated water loss reduction 1.5 to 2.0 MG monthly

Estimated 90% of water main replacement on Collins Creek completed,
New meter boxes installed – service lines currently being installed

Fixed a total of 39 water leaks in the distribution system for the month

Installed 2 check valves on 645 pump station

Motor went out 40W pump station

Installed new water service on Wilderness Lane & Little Black Log

Replaced 2" main valve on Moore's Branch

Performed preventative maintenance on Devella pump station – adjusted packing on pump and greased motor



Professional Water and Wastewater Operations

Martin County Water District

Project Updates

SOURCE	AMOUNT	PROJECTS
AMLER-2017	\$3,450,000	A, B, C
COE 531 (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	\$1,500,00	B
Total Grant	\$11,220,718	

Regulatory

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

Water Plant Operation

August 2024

Water Pumped	
Total Water Production (gallons)	49,918,000
Total Water Metered/Billed (gallons)	13,402,000
Other Water Used (gallons)	374,000
Average Daily Flow (Million Gallons per Day)	1,588,935
Maximum Daily Flow (Million Gallons per Day)	1,674,000
Fluoride Used (lbs.)	428
Chlorine Used (lbs.)	1,800
Lab Tests	3,815

Water Quality Analysis
August 2024

Test	Routine	Special	Repeat
Bacteriological	10 (Pass)	6 (Pass)	0
		Reported	Minimum Limit
Fluoride Plant Sample	31	0.80 mg/l Average	0.6 mg/l
Chlorine Distribution Sample	Total- 31 Free- 31	Low Readings Total - 0.38mg/L Free – 0.30mg/L	0.2 mg/l

Customer Service Request and Work Orders

Meter Reads	3303
Meter Sets	35
Turn offs-Close account	31
Taps	2
Meter Changes	8
Disconnects for Non-payment	37
Boil Notices	4
Line Locates	275
Water Leaks/Breaks	29
Other/Investigates	144



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

Water Main Breaks & Service Lines

Date	Location of Leak or Line Break	Calculated Loss for Month
8/1/24	35 Mckinney Rd	42,892
8/6/24	63 Lighthouse Ln	39,391
8/6/24	Sunset Spur	19,696
8/7/24	Collins Crk	1,181,745
8/7/24	42 Howard Spence Rd	590,872
8/7/24	Brookeview Hts	643,380
8/7/24	154 Kenney Dr	39,391
8/9/24	9098 Beauty Rd	39,391
8/9/24	8096 Beauty Rd	118,174
8/9/24	981 Coldwater Rd.	39,391
8/9/24	3584 Little Rockcastle Rd	59,087
8/11/24	116 Lower Saltwell Rd	945,396
8/12/24	4290 Hode Rd	236,349
8/13/24	Lighthouse Ln	590,872
8/13/24	7579 Beauty Rd	59,087
8/14/24	Blacklog Rd.	236,349
8/14/24	173 Hode Rd	118,174
8/15/24	1206 S Wolf Crk	196,957
8/15/24	1537 S Wolf Crk	39,391
8/16/24	Turkey Crk	393,915
8/16/24	173 Hode Rd	118,174
8/16/24	442 Collins Crk	315,132
8/16/24	Hale Ave	78,783
8/17/24	77 Eckel Vly	787,830
8/20/24	645	315,132
8/20/24	224 Buck Br	78,783
8/21/24	89 Justin Dr	78,783
8/21/24	73 Music Ln	393,915
8/22/24	962 Rockcastle Rd	39,391
8/23/24	151 Ratliff Town Rd	39,391
8/26/24	140 Milo Subdivision	157,566
8/26/24	35 Joe Br	16,085
8/26/24	236 Ratliff Town Rd	157,566
8/26/24	4252 Blacklog Rd	39,391
8/26/24	287 Crooked Run Rd	16,085
8/27/24	9168 Beauty Rd	236,349
8/29/24	24 Creekwood Est	39,391
8/29/24	5901 N Wolf Crk	39,391
8/30/24	3344 Blacklog Rd	157,566

Total Gallons Lost Due to Line Breaks : 8,734,610

Repair Expenses Ending July 2024

Expended	Actual YTD	Annual Budget	% Budget / Line Item
Bldg. & Grounds Maintenance	\$517	\$5,000	10%
Vehicle Maintenance	\$26,055	\$20,000	130%
Water Plant Maintenance	\$5,783	\$7,000	83%
Distribution System Maintenance	\$107,402	\$50,000	215%
Water Meter Maintenance	\$5,345	\$10,000	53%
Street Maintenance	\$0	\$8,000	0%
Totals	\$145,103	\$100,000	145%

Chemical Expenses Ending July 2024

Expended	Actual YTD	Annual Budget	% Budget / Line Item
Sodium Bisulfite	\$6,588	\$0.00	
Sodium Hydroxide	\$7,643	\$11,000	69%
Caustic Detergent	\$226	\$0.00	
Polymer	\$2,622	\$15,000	17%
Alum (DELPAC)	\$26,622	\$30,000	89%
Chlorine	\$24,541	\$20,000	123%
Permanganate	\$9,374	\$19,000	49%
Fluoride	\$3,821	\$7,000	55%
Chemicals Other - Water	\$4,911	\$8,000	61%
Totals	\$86,346	\$110,000	78%

Notes:

- 1) Building & Grounds Maintenance
 - a. Rural King \$68.88
 - b. R&J Building Supply \$25.94
 - c. Harbor Freight \$90.09

- 2) Vehicle Maintenance
 - a. Advance Auto \$1,072.93
 - b. Suds Carwash \$25
 - c. Butchers Garage \$225
 - d. O'Reilly Auto \$32.85
 - e. Autozone \$51.35
 - f. Oil Changers \$271.17
 - g. Dollar General \$6.94

- 3) Water Plant Maintenance
 - a. Advanced Auto \$246.83
 - b. Hanson Casting \$125.00
 - c. Marathon \$390.94

- 4) Well Maintenance
 - a. \$0.00

- 5) Distribution System Maintenance
 - a. Consolidated Pipe & Supply \$10,657.77
 - b. Jabo Supply \$494.07
 - c. R & J Building Supply \$999.25
 - d. Evans Hardware \$19.06

- 6) Meter Maintenance
 - a. Consolidated Pipe & Supply \$619.92

- 7) Sodium Bisulfite
 - a. CITCO Water \$1,805.98

- 8) Sodium Hydroxide
 - a. CITCO Water \$3,358.00

- 9) Caustic Detergent



Professional Water and Wastewater Operations

Martin County Water District

a. CITCO Water \$225.53

10) Polymer

a. \$0.00

11) Alum

a. CITCO Water \$2,189.75

12) Chlorine

a. CITCO Water \$3,334.39

13) Permanganate

a. CITCO Water \$5,207.56

14) Fluoride

a. Brenntag Mid-South \$1,344.00

15) Chemicals Other – Water

a. \$0.00

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility: Martin County Water District

For the Month of: August Year: 2024

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	49,518
3	Water Purchased	
4	TOTAL PRODUCED AND PURCHASED	49,518
5		
6	WATER SALES	
7	Residential	9,823
8	Commercial	3,579
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	2,672
13	Other Sales (explain)	
14	TOTAL WATER SALES	16,074
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	374
18	Wastewater Plant	
19	System Flushing	122
20	Fire Department	
21	Other Usage (explain)	
22	TOTAL OTHER WATER USED	496
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	8,734
27	Line Leaks	24,214
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	32,948
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	66.54%

**MARTIN COUNTY WATER & SANITATION DISTRICT
LEAK ADJUSTMENT REQUESTS
9/3/2024**

pool fill up; sewer only

BILLED GALLONS/COST	6,540	89.04
AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH C	4,540	9.08
PAY (avg+leak cost)		50.50
WRITE OFF (billed-avg-purch cost)		0.00
LATE PENALTIES TO ADJ		0.00
SEWER	6,540	100.24
AVG SEWER/BILL	2,000	33.00
LEAK SWR ADJ	4,540	67.24
SWR PAY (AVG-LEAK)		33.00
SWR WRITE OFF		67.24
SWR PENALTIES TO ADJ		10.02

77.26

repaired leaking toilet

BILLED GALLONS/COST	85,160	913.77
AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH C	83,160	166.32
PAY (avg+leak cost)		207.74
WRITE OFF (billed-avg-purch cost)		706.03
LATE PENALTIES TO ADJ		0.00
SEWER	85,160	1264.60
AVG SEWER/BILL	2,000	33.00
LEAK SWR ADJ	83,160	1231.60
SWR PAY (AVG-LEAK)		33.00
SWR WRITE OFF		1,231.60
SWR PENALTIES TO ADJ		0.00

1,937.63

repaired broken line

BILLED GALLONS/COST	231,470	2448.56
BILLED GALLONS/COST	5,000	72.89
AVG GALLONS/BILL	4,000	62.40
LEAK GALLONS/PURCH C	227,470	454.94
LEAK GALLONS/PURCH C	1,000	2.00
PAY (avg+leak cost)		581.74
WRITE OFF (billed-avg-purch cost)		1939.71
LATE PENALTIES TO ADJ		244.86

2,184.57

repaired water leak

BILLED GALLONS/COST	111,930	1194.59
AVG GALLONS/BILL	4,000	62.40
LEAK GALLONS/PURCH C	107,930	215.86

PAY (avg+leak cost)		278.26	
WRITE OFF (billed-avg-purch cost)		916.33	
LATE PENALTIES TO ADJ		0.00	916.33

repaired broken line under home, 2nd month

BILLED GALLONS/COST	16,200	190.38	
BILLED GALLONS/COST	-	0.00	
AVG GALLONS/BILL	3,000	51.91	
LEAK GALLONS/PURCH C	13,200	26.40	
LEAK GALLONS/PURCH C	(3,000)	-6.00	
PAY (avg+leak cost)		124.22	
WRITE OFF (billed-avg-purch cost)		66.16	
LATE PENALTIES TO ADJ		0.00	66.16

repaired leak going into home

BILLED GALLONS/COST	22,520	256.67	
AVG GALLONS/BILL	3,000	51.91	
LEAK GALLONS/PURCH C	19,520	39.04	
PAY (avg+leak cost)		90.95	
WRITE OFF (billed-avg-purch cost)		165.72	
LATE PENALTIES TO ADJ		25.67	191.39

repaired line under home

BILLED GALLONS/COST	18,980	219.54	
AVG GALLONS/BILL	6,000	83.38	
LEAK GALLONS/PURCH C	12,980	25.96	
PAY (avg+leak cost)		109.34	
WRITE OFF (billed-avg-purch cost)		110.20	
LATE PENALTIES TO ADJ		0.00	110.20

repaired leak at home

BILLED GALLONS/COST	50,400	549.14	
BILLED GALLONS/COST	47,820	522.07	
AVG GALLONS/BILL	2,000	41.42	
LEAK GALLONS/PURCH C	48,400	96.80	
LEAK GALLONS/PURCH C	45,820	91.64	
PAY (avg+leak cost)		271.28	
WRITE OFF (billed-avg-purch cost)		799.93	
LATE PENALTIES TO ADJ		36.00	835.93

one time adj; no fault to customer

BILLED GALLONS/COST	38,640	425.77	
AVG GALLONS/BILL	2,000	41.42	
LEAK GALLONS/PURCH C	36,640	73.28	
PAY (avg+leak cost)		114.70	
WRITE OFF (billed-avg-purch cost)		396.70	
LATE PENALTIES TO ADJ		0.00	

SEWER	38,640	575.64
AVG SEWER/BILL	2,000	33.00
LEAK SWR ADJ	36,640	542.64
SWR PAY (AVG-LEAK)		33.00
SWR WRITE OFF		542.64
SWR PENALTIES TO ADJ		0.00

939.34

repaired leaking toilet

BILLED GALLONS/COST	10,860	134.36
AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH C	8,860	17.72
PAY (avg+leak cost)		59.14
WRITE OFF (billed-avg-purch cost)		75.22
LATE PENALTIES TO ADJ		0.00
SEWER	10,860	164.22
AVG SEWER/BILL	2,000	33.00
LEAK SWR ADJ	8,860	131.22
SWR PAY (AVG-LEAK)		33.00
SWR WRITE OFF		131.22
SWR PENALTIES TO ADJ		0.00

206.44

repaired broken line between meter and home

BILLED GALLONS/COST	72,740	783.48
BILLED GALLONS/COST	16,270	191.11
AVG GALLONS/BILL	5,000	72.89
LEAK GALLONS/PURCH C	67,740	135.48
LEAK GALLONS/PURCH C	11,270	22.54
PAY (avg+leak cost)		303.8
WRITE OFF (billed-avg-purch cost)		670.79
LATE PENALTIES TO ADJ		19.11

689.90

repaired line under home; 2nd month

BILLED GALLONS/COST	19,260	222.48
AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH C	17,260	34.52
PAY (avg+leak cost)		75.94
WRITE OFF (billed-avg-purch cost)		146.54
LATE PENALTIES TO ADJ		0.00

146.54

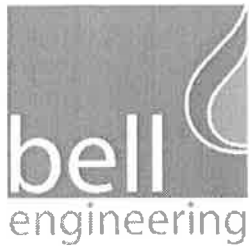
repaired leak at regulator

BILLED GALLONS/COST	70,930	764.50
BILLED GALLONS/COST	17,950	208.74
AVG GALLONS/BILL	5,000	72.89
LEAK GALLONS/PURCH C	65,930	131.86
LEAK GALLONS/PURCH C	12,950	25.90
PAY (avg+leak cost)		303.54
WRITE OFF (billed-avg-purch cost)		669.70

LATE PENALTIES TO ADJ		0.00	669.70
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repaired broken line under ground

BILLED GALLONS/COST	45,860	501.51	
BILLED GALLONS/COST	39,350	433.22	
AVG GALLONS/BILL	5,000	72.89	
LEAK GALLONS/PURCH C	40,860	81.72	
LEAK GALLONS/PURCH C	34,350	68.70	
PAY (avg+leak cost)		296.2	
WRITE OFF (billed-avg-purch cost)		638.53	
LATE PENALTIES TO ADJ		0.00	638.53



MEETING AGENDA
 PROGRESS MTG #57
 MARTIN COUNTY WATER DISTRICT
 MARTIN COUNTY, KENTUCKY
 September 10, 2024

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
TOTAL GRANT	\$11,220,718	

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 13th at 1:00 p.m. at the office of the Big Sandy Area Development District. There were four plan holders for the rebid. Only one bid was received (submitted by Pace Contracting).
20. The bid submitted by Pace was \$3,858,387.00.
21. The base bid of \$3,858,387.00 submitted compares to a base bid of \$3,396,220.00 submitted by Pace in December 2020. The difference was \$462,167.00 between the bids.
22. The combined base bids for the RWI/WTP Project and Water Line Replacement in the Beauty/Lovely Project exceeded the funds available for construction activities. Given the grave condition of the Raw Water Intake and Water Treatment Plant, the MCWD took the following actions:
 - A. Deferred the construction of the Water Line Replacement in the Beauty / Lovely area until a later date and use the funds budgeted for this project for construction of the RWI/WTP Project.
 - B. Continued submitting funding requests in an effort to obtain funding to construct the Water Line Replacement Project in the Beauty / Lovely area as soon as possible.

- C. Awarded the Raw Water Intake / Water Treatment Plant Project to Pace Contracting based on the base bid received with the deletions outlined in Table 1.

TABLE 1

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

23. A letter awarding the project to Pace under the conditions outlined in Table 1 and subject to concurrence of all the state and federal agencies was sent to Pace on July 9, 2021.
24. Authorization to Proceed was received from AML on September 1, 2021. The USACE had previously granted approval.
25. Executed contract books and bonds were received from Pace on September 8, 2021.
26. A preconstruction meeting was held on September 22, 2021 at the offices of the Big Sandy Area Development District.
27. Contract books were signed and dated by the Big Sandy Area Development District at the preconstruction meeting.
28. A Notice to Proceed (NTP) was issued at the preconstruction meeting. The contract required the contractor be given ten days from the issuance of the NTP before the contract time started.
29. The Contract time began on October 4, 2021.
30. Generator start-up and training have been performed.
31. Programming of Treatment Unit 1 has been performed.
Since our last meeting---
32. Pace, Alliance and Bell are continuing to meeting weekly in an effort to get the project wrapped up as soon as possible.
33. Unit 1 continues to run and produce water.
34. The bearings in Unit 3 have been replaced.
35. Tube Settler Supports and Tube Settler Modules have been installed in Unit 3.
36. The terminal block on the motor mixer in Unit 1 has been replaced.

37. Pace brought Allied Pumps in on their side to assist in the installation of the raw water intake. After several discussions, Pace has been advised to proceed with utilizing the floating intake as originally outlined in the project bid documents.
38. The only item remaining is to bring the pump online at the raw water intake.

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. The project was advertised for bidding through both the local paper (December) and Lynn Imaging (November and December). A total of eight (8) Contractors picked up project plans.
24. Bids were opened on December 20, 2023. The low bid was determined by the base bid (Collins Creek). Only Collins Creek was awarded for construction.
25. The District accepted the bid submitted by Boca Enterprises and awarded the job to Boca.
26. Contract books have been executed.
27. A pre-construction conference was held on May 29th.
28. Work began on July 1st. The Contractor has completed laying all the 3" and 6" mainline. They began setting new meter boxes yesterday and as of this morning had set five.

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 26th. 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. Project was awarded to Microcomm.
18. The Contract for the project was executed by the District and Microcomm.
19. Microcomm has been onsite twice installing equipment. They should be back within the next two weeks to complete the work.

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 25th. The MOA was signed by AML on October 1, 2019.

3. A contract for engineering services has been executed by the Big Sandy Area Development District.
4. Bell and MCWD personnel went to the field to review potential tank and pump station sites.
5. The Preliminary Engineering Report for the project is complete and has been distributed.
6. Plans have been prepared for the 250,000-gallon water storage tank.
7. Bell, Alliance and MCWD coordinated with the mineral lease holder and the surface owner concerning location of the proposed tank and pump station. BSADD, Bell and Alliance representatives met with the property owner on January 30, 2020.
8. On March 3rd, the property owner advised most of the property is permitted with only a phase one bond release.
9. Bell and Alliance met on-site with the property owner on May 5, 2020 and permission to move forward was granted.
10. The site was surveyed on May 27, 2020 and topographic mapping was developed.
11. At the request of the MCWD, work on this project was previously paused.
12. A request was submitted to AML asking that the project scope be revised. Components that would remain in the project include:
 - Upgrade of the existing Davella Pumping Station
 - Construction of a Master Meter
 - Construction of a Booster Chlorination SystemProposed 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 and reviewed with Alliance. 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 revisions have been made and a final bid form has been assembled. The Division of Water submittal is being prepared. Plans will be submitted to AML this week.

- 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.
 3. Project is on hold.
- G. KY 908 GUARDRAIL PROJECT**
1. Met on-site with KYTC multiple times.
 2. KYTC has advised additional funds have been requested to perform this work. They will release the project for design when those funds are approved.
- H. SESTER BRANCH UTILITY RELOCATION**
1. The project is currently out for bid.
- 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. Received roadway plans from KYTC.
 3. Bell is preparing the new waterline alignment.
- 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 completion when interim project funding is secured.
- 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 prepared relocation plans and reviewed with Alliance.
 4. An Opinion of Construction Cost, relocation plans and proposed engineering contract were all sent to KYTC.
 5. KYTC sent Notice to Proceed with final design on February 2nd.

6. Project should go out for bid within the next week.

N. TURKEY TANK REHABILITATION

1. Bell finalized and forwarded an opinion of probable cost to rehabilitate the Turkey Tank. The District has been advised it will receive funding for this project. Bell has prepared a contract for engineering services.

T. COUNTYWIDE METER REPLACEMENT PROJECT

1. Project would replace all meters (residential and commercial) in the Martin County Water District system. The District has been advised it will receive funding for this project. Bell has prepared a contract for engineering services.

M. SPICY MOUNTAIN WATER EXTENSION

1. An opinion of probable project cost for delivery of water from the Johnson County side of the Mountain along with an interconnect with Johnson County has been prepared. A revised project profile has also been submitted to the ADD.

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. An updated project cost was prepared at the request of AML.

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.

U. PREPARED OPINION OF PROBABLE PROJECT COSTS FOR THE FOLLOWING PROJECTS

- Bell has prepared two different scopes for the project with associated opinions of probable project cost. ADD intends to prepare an AMLER grant application.
- An updated project cost was prepared at the request of the Martin County Water District.
- 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 Rehab
- 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, EFFICIENCY 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" DR11 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 DR11 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
TOTAL					\$ 30,487,760		

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, VALVES 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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EXHIBIT 4

RESOLUTION

**RESOLUTION OF THE MARTIN COUNTY WATER DISTRICT
ACCEPTING THE GRANT, APPROVING THE GRANT ASSISTANCE
AGREEMENT, AUTHORIZING THE AMENDMENT OF THE MARTIN
COUNTY WATER DISTRICT'S ANNUAL BUDGET, AND AUTHORIZING
A REPRESENTATIVE TO SIGN ALL RELATED DOCUMENTS**

WHEREAS, the Kentucky General Assembly has appropriated funds for infrastructure projects in Senate Bill 36 of the 2021 Regular Session of the Kentucky General Assembly for the Cleaner Water Program; and

WHEREAS, the Martin County Water District (the "Grantee") has previously determined that it is in the public interest to acquire and construct certain facilities and improvements to the Grantee's utility system (the "Project"); and

WHEREAS, the Grantee desires funding from the Kentucky Infrastructure Authority (the "Authority") for the purpose of acquisition and construction of the Project; and

WHEREAS, in order to obtain a grant from the Cleaner Water Program for the Project, and administered by the Authority, the Grantee is required to enter into an assistance agreement (the "Agreement") with the Authority.

NOW, THEREFORE, BE IT RESOLVED by the governing body of the Martin County Water District as follows:

SECTION 1. The Grantee hereby accepts the grant award and approves the Agreement between the Grantee and the Authority to provide the necessary funds to the Grantee for the Project.

SECTION 2. That _____, and any Successors-in-Title, is hereby designated to be the Grantee's "Authorized Official" for this Project and is hereby directed and empowered by the Grantee to execute the Agreement, related documents and agreements, and to otherwise act on behalf of the Grantee to effect such grant award, and to engage a qualified Project Administrator.

SECTION 3. That the Grantee hereby agrees and commits to include, by amendment to its annual budget and audit process, the receipts and expenditures of funds subject to the Agreement up to and including the date of Project closeout.

SECTION 4. That this resolution shall take effect at the earliest time provided by law.

ADOPTED on _____, 202____.

MARTIN COUNTY WATER DISTRICT

Authorized Signatory

CERTIFICATE OF RECORDING OFFICER

I, the undersigned, hereby certify that I am the duly qualified and acting Secretary/Clerk of the Grantee, and that the foregoing is a full, true and correct copy of a Resolution adopted by the governing body of said Grantee at a meeting duly held on _____, 202____; and that this official action appears as a matter of public record in the official records or journal of the Grantee; and that said meeting was held in accordance with all applicable requirements of Kentucky law, including Sections 61.810, 61.815, 61.820 and 61.823 of the Kentucky Revised Statutes; and that a quorum was present at the meeting; and that this official action has not been modified, amended, revoked or repealed and is now in full force and effect.

IN TESTIMONY WHEREOF, witness my signature, below, on _____, 202____.

Secretary/Clerk

EXHIBIT 4

RESOLUTION

RESOLUTION OF THE MARTIN COUNTY WATER AND SANITATION DISTRICT ACCEPTING THE GRANT, APPROVING THE GRANT ASSISTANCE AGREEMENT, AUTHORIZING THE AMENDMENT OF THE MARTIN COUNTY WATER AND SANITATION DISTRICT'S ANNUAL BUDGET, AND AUTHORIZING A REPRESENTATIVE TO SIGN ALL RELATED DOCUMENTS

WHEREAS, the Kentucky General Assembly has appropriated funds for infrastructure projects in House Bill 1 of the 2024 Regular Session of the Kentucky General Assembly; and

WHEREAS, the Martin County Water and Sanitation District (the "Grantee") has previously determined that it is in the public interest to acquire and construct certain facilities and improvements to the Grantee's utility system (the "Project"); and

WHEREAS, the Grantee desires funding from the Kentucky Infrastructure Authority (the "Authority") for the purpose of acquisition and construction of the Project; and

WHEREAS, in order to obtain a grant for the Project, and administered by the Authority, the Grantee is required to enter into an assistance agreement (the "Agreement") with the Authority.

NOW, THEREFORE, BE IT RESOLVED by the governing body of the Martin County Water and Sanitation District as follows:

SECTION 1. The Grantee hereby accepts the grant award and approves the Agreement between the Grantee and the Authority to provide the necessary funds to the Grantee for the Project.

SECTION 2. That _____, and any Successor-in- Title, is hereby designated to be the Grantee's "Authorized Official" for this Project and is hereby directed and empowered by the Grantee to execute the Agreement, related documents and agreements, and to otherwise act on behalf of the Grantee to effect such grant award, and to engage a qualified Project Administrator.

SECTION 3. That the Grantee hereby agrees and commits to include, by amendment to its annual budget and audit process, the receipts and expenditures of funds subject to the Agreement up to and including the date of Project closeout.

SECTION 4. That this resolution shall take effect at the earliest time provided by law.

ADOPTED on _____, 202__.

Martin County Water and Sanitation District

Authorized Signatory

CERTIFICATE OF RECORDING OFFICER

I, the undersigned, hereby certify that I am the duly qualified and acting Secretary/Clerk of the Grantee, and that the foregoing is a full, true and correct copy of a Resolution adopted by the governing body of said Grantee at a meeting duly held on _____, 202__; and that this official action appears as a matter of public record in the official records or journal of the Grantee; and that said meeting was held in accordance with all applicable requirements of Kentucky law, including Sections 61.810, 61.815, 61.820 and 61.823 of the Kentucky Revised Statutes; and that a quorum was present at the meeting; and that this official action has not been modified, amended, revoked or repealed and is now in full force and effect.

IN TESTIMONY WHEREOF, witness my signature, below, on _____, 202__.

Secretary/Clerk

EXHIBIT 4

RESOLUTION

RESOLUTION OF THE MARTIN COUNTY WATER AND SANITATION DISTRICT ACCEPTING THE GRANT, APPROVING THE GRANT ASSISTANCE AGREEMENT, AUTHORIZING THE AMENDMENT OF THE MARTIN COUNTY WATER AND SANITATION DISTRICT'S ANNUAL BUDGET, AND AUTHORIZING A REPRESENTATIVE TO SIGN ALL RELATED DOCUMENTS

WHEREAS, the Kentucky General Assembly has appropriated funds for infrastructure projects in House Bill 1 of the 2024 Regular Session of the Kentucky General Assembly; and

WHEREAS, the Martin County Water and Sanitation District (the "Grantee") has previously determined that it is in the public interest to acquire and construct certain facilities and improvements to the Grantee's utility system (the "Project"); and

WHEREAS, the Grantee desires funding from the Kentucky Infrastructure Authority (the "Authority") for the purpose of acquisition and construction of the Project; and

WHEREAS, in order to obtain a grant for the Project, and administered by the Authority, the Grantee is required to enter into an assistance agreement (the "Agreement") with the Authority.

NOW, THEREFORE, BE IT RESOLVED by the governing body of the Martin County Water and Sanitation District as follows:

SECTION 1. The Grantee hereby accepts the grant award and approves the Agreement between the Grantee and the Authority to provide the necessary funds to the Grantee for the Project.

SECTION 2. That _____, and any Successor-in- Title, is hereby designated to be the Grantee's "Authorized Official" for this Project and is hereby directed and empowered by the Grantee to execute the Agreement, related documents and agreements, and to otherwise act on behalf of the Grantee to effect such grant award, and to engage a qualified Project Administrator.

SECTION 3. That the Grantee hereby agrees and commits to include, by amendment to its annual budget and audit process, the receipts and expenditures of funds subject to the Agreement up to and including the date of Project closeout.

SECTION 4. That this resolution shall take effect at the earliest time provided by law.

ADOPTED on _____, 202__.

Martin County Water and Sanitation District

Authorized Signatory

CERTIFICATE OF RECORDING OFFICER

I, the undersigned, hereby certify that I am the duly qualified and acting Secretary/Clerk of the Grantee, and that the foregoing is a full, true and correct copy of a Resolution adopted by the governing body of said Grantee at a meeting duly held on _____, 202__; and that this official action appears as a matter of public record in the official records or journal of the Grantee; and that said meeting was held in accordance with all applicable requirements of Kentucky law, including Sections 61.810, 61.815, 61.820 and 61.823 of the Kentucky Revised Statutes; and that a quorum was present at the meeting; and that this official action has not been modified, amended, revoked or repealed and is now in full force and effect.

IN TESTIMONY WHEREOF, witness my signature, below, on _____, 202__.

Secretary/Clerk