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ADMITTED IN KY AND WV

October 21, 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 October 22, 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 October 22, 2024.



BRIAN CUMBO  
COUNSEL FOR MARTIN COUNTY  
WATER DISTRICT  
P.O. BOX 1844  
INEZ, KY 41224  
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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 October, 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, October 22, 2024 – 6:00 p.m.**  
**Martin County Government Center (2<sup>nd</sup> Floor)**

- 1) Call the meeting to order
- 2) Elect New Board Chairman
- 3) Elect New Board Secretary
- 4) Elect New Board Treasurer
- 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. MOR
  - C. Water Loss Report
  - D. Leak Adjustments
- 10) Capital Projects Report
  - A. Project Updates
  - B. 5 Year CIP
- 11) Other Old Business
- 12) Other New Business
  - A. Resolution for KIA F24-022L LSL Loan
  - B. Review and Consideration to Approve Sester Branch Bid
- 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  
September 24, 2024, Meeting Minutes**

**Presiding:** John Hensley  
**Present:** Directors: Nina McCoy, Tim Thoma, Vernon Robinson  
Staff: Brian Cumbo (Attorney), Todd Adams (DM), Colby May (LM),  
Cassandra Moore  
**Guests:** Jimmy Kerr, Madison Mooney, Tammy Robinson

The Regular Meeting of the Martin County Water District was held on September 24, 2024, at the Martin County Government Center, at 42 East Main St (2<sup>nd</sup> Floor), Inez, Kentucky 41224. Mr. Hensley called the meeting to order at 6:00 p.m.

Mr. Kerr spoke of his time on the Board as Chairman before being involuntary replaced by the county judge. He expressed his gratitude to each member, as well as all Alliance Water Resources employees. "This is an exciting time for our water system, and for our community." He expressed with all the funding and upgrades to the RWI and plants, this is an exciting time to be on this board, but that was the one thing that was hard for him was to know that he wouldn't be sitting on the Board to see it come to fruition. It has been one of the hardest things he's ever done, being on this board. It has also been so rewarding to know that he has made a difference for his community and looks forward to this new season for the District. "I want to thank my wife and my babies. They've been through this with me. My family, they have wanted me to quit a long time ago. It has been the hardest thing I've ever done, but also the most rewarding. It has been a great honor to serve this county."

Mrs. McCoy addressed the Board and new Board members with the history of the Water District. Explaining the reasons for the PSC requesting a management company, the formation of the Water Warriors, and how everyone needs to work together for the rate payer of the community. "We have to make sure we are working with Alliance, with the professionals, and getting what is best for the community." As a board we have a duty to be professional and represent the community.

**Mr. Hensley requested a nomination to Elect a new Board Chairman**

- Mr. Robinson stated that he thought it was best to wait until all board member positions were filled before voting
- Mr. Cumbo advised that it was completely up to them. They had a quorum and could vote if they wish
- Mrs. McCoy stated she would be ok with waiting until they had all five members present

- Mr. Robinson motioned to table the election of a new Board Chairman until all positions were filled and present
- Mr. Thoma seconded
- All ayes
- Motion carried

**Mr. Hensley requested a nomination to Elect a new Board Secretary**

- Mr. Robinson stated that he thought it was best to wait until all board member positions were filled before voting
- Mr. Cumbo advised that it was completely up to them. They had a quorum and could vote if they wish
- Mrs. McCoy stated she would be ok with waiting until they had all five members present
- Mr. Robinson motioned to table the election of a new Board Secretary until all positions were filled and present
- Mr. Thoma seconded
- All ayes
- Motion carried

**Mr. Hensley called for review of the August 27, 2024 Board Meeting minutes**

- Mrs. McCoy motioned to accept the August 27, 2024 minutes
- Mr. Thoma seconded
- Mr. Robinson abstained from voting
- Motion carried

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

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

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

- Mr. Thoma motioned to approve the List of Bills
- Mr. Robinson seconded
- All ayes
- Motion carried

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

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

- New bearings, sprockets and chain replaced on Clarifier #3
- SCADA computer went out- replaced and will be paid out of 292 telemetry project
- 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, and service lines currently being installed
- Fixed a total of 39 water leaks in the distribution system for the month
- Replaced 2" main valve on Moore's Branch
- Mr. Thoma would like to have the MOR's included on the Operations report each month

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

- Water loss was reported at **66.54%** for the month of August 2024

**Mr. Hensley presented the Board with the August Leak Adjustments**

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

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

- RWI & WTP Improvements- As of this report, they were around 123 days past their substantial due date. Currently parts are expected to be here the week of 10/17/2024, with the contractor back on-site at the same time to finish construction
- Warfield Area Line Improvements- The main line has been completed. The only thing left is installing the new meters and repaving the road
- Water System Hydraulic Modeling- Nothing new
- ARC Waterline Replacement/Telemetry Project- Microcomm has been on-site within the last month installing some equipment. They're waiting to get a box that

should be in any time. The only other thing would be installing some check valves at the pump station so it can be ran remotely

- Otto Brown Pump Station and Line Replacement Project- This project is in the stage of getting environmental studies done, and then it should be going to the division of water for approval within the next couple of weeks
- Water Line Relocation Hunter's Lane, KY 908 Guardrail Project, Sester Branch Utility Relocation, and Replace Bridge On KY 40 Over Buck Creek- Those plans have all been designed, and a couple of them are out to bid right now
- High School Pump Station Check Valve- The only thing right now is trying to find the funding for that project
- FEMA Backup Generator Project- The biggest thing for this project is that we have to have the money up front, and then FEMA would reimburse for that project. Working on talking to a bank about getting credit established
- KY 292 Utility Relocation- Utility re-location included with Water Line Relocation Hunter's Lane, KY 908 Guardrail Project, Sester Branch Utility Relocation, and Replace Bridge On KY 40 Over Buck Creek
- Turkey Tank Rehabilitation- We did receive a \$681,000 grant from the state for the project. It's in design right now
- Countywide Meter Replacement Project- We've received \$2,000,000 from the state for that replacement, but we're waiting for the grant book to be sent to the ADD District
- Spicy Mountain Water Extension- No funding at the moment for this project. A revised project profile has been submitted to the ADD
- Inez Utility Replacement- Top of the list for the funding for this year's cycle
- 40E Water Improvement Project- Project is getting ready to start anytime
- Coldwater Water Improvement Project- Submitted for funding
- Old Route 3 Water Improvement Project- Submitted for funding
- Water Improvement Project Between WTP and Turkey Tank- In portal, but no funding has been prepared for at this time
- Prepared Opinion Of Probable Project Costs- Not in portal

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

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

- Mr. Adams presented the Board with the Reallocation of Cleaner Water Funds to Finish Telemetry Resolution
- Mrs. Mcoy motioned to approve Reallocation of Cleaner Water Funds to Finish Telemetry Resolution
- Mr. Thoma seconded
- All ayes
- Motion carried
- Mr. Adams presented the Board with the Turkey Creek Tank HB1 Resolution
- Mr. Thoma approved the Turkey Creek Tank HB1 Resolution



- Mr. Robinson seconded
- All ayes
- Motion carried
- Mr. Adams presented the Board with the Meter Replacement HB1 Resolution
- Mr. Thoma approved the Meter Replacement HB1 Resolution
- Mrs. McCoy seconded
- All ayes
- Motion approved

**Executive session not required.**

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

- Madison Mooney introduced herself to the new Board members and advised that everyone on the Board is welcomed to come and visit her at her office anytime. She shared a cleanup effort that she is hosting at the Warfield Park and welcomed all to join
- Tammy Robinson spoke to the Board and advised that she wasn't intending to be a guest speaker, but Mr. Robinson asked the question that she had, and that one would be the diesel fuel issue, about cost

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

- Mr. Thoma motioned to adjourn the meeting at 7:45 p.m.
- Mrs. McCoy seconded
- All ayes
- Motion Carried

Minutes approved this \_\_\_\_\_ day of \_\_\_\_\_, 2024.

\_\_\_\_\_  
Chairman

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

**Martin County Water District**  
**Balance Sheet**  
**September 30, 2024**

9/30/24

**ASSETS**

**CURRENT ASSETS**

Checking Account - Operations	\$	64,738.17
Revenue Fund - EFT		2,202.25
Debt Service Surcharge Fund		1,000.07
Management Infrastructure Surcharge Fund		1,000.10
Security Deposits		107,906.45
Cash on Hand		900.00
<b>Total Cash</b>		<b>177,747.04</b>
Accounts Receivable		387,917.03
Allowance for Doubtful Accounts		(59,250.18)
Unbilled Accounts Receivable		46,933.00
Inventory		4,249.44
Prepaid Expenses		14,179.03
<b>Total Current Assets</b>		<b>571,775.36</b>

**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	(26,042.94)
Less: Accumulated Depreciation	(19,498,987.22)
<b>Net Property, Plant, &amp; Equipment</b>	<b>16,251,285.96</b>

**RESTRICTED CASH**

Grant Fund	63.07
Sinking Fund - RD	12,098.06
Regions Sinking Fund	77,107.75
KIA Sinking Fund	5,759.38
KACO Sinking Fund	6,678.75
Depreciation Fund	1,022.66
Cost of Issuance Fund 2022	2,098.00
Rt 40E Water Improvement Project	100.00
Accrued Interest Receivable	365.00
<b>Total Restricted Cash</b>	<b>105,292.67</b>

**Total Assets**

**\$ 16,928,353.99**

**Martin County Water District**  
**Balance Sheet**  
**September 30, 2024**

9/30/24

**LIABILITIES AND DISTRICT'S EQUITY**

**CURRENT LIABILITIES**

Accounts Payable	\$	340,202.99
Sales Tax Payable		1,687.89
School Tax Payable		6,387.91
Current Portion of Lease Liabilities		9,869.98
Long Term Debt-Current		50,691.96
Accrued Interest Payable		15,126.06
Customer Deposits		102,068.73
<b>Total Current Liabilities</b>		<b>526,035.52</b>

**LONG-TERM DEBT**

Lease Liability - Rent		8,640.21
Lease Payable - KACO		11,221.96
Bonds Payable - 2015 E Current Refunding		1,520,000.00
Bonds Premium - 2015 E, Net of A/Amort		15,287.50
Note Payable - KIA WMAF		1,284,196.07
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
<b>Total Long-Term Debt</b>		<b>2,801,234.80</b>

**Total Liabilities** **3,327,270.32**

**DISTRICT'S EQUITY**

Retained Earnings (Deficit)		14,016,387.87
YTD Net Income		(415,304.20)
<b>Total District's Equity</b>		<b>13,601,083.67</b>

**Total Liabilities and District's Equity** **\$ 16,928,353.99**

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

September, 2024			YTD		
Actual	Budget		Actual	Budget	Annual Budget
<b>Operating Revenues</b>					
\$ 185,761	\$ 175,833	Water Sales - Residential	\$ 1,609,138	\$ 1,582,497	\$ 2,110,000
31,648	29,167	Water Sales - Commercial	316,119	262,503	350,000
18,915	10,417	Water Sales - Public Authorities	76,654	93,749	125,000
69	33	Bulk Water Sales	449	301	400
3,000	2,215	Connection Fees - Tap	14,076	19,935	26,580
6,041	4,583	Late Charge Fees	59,515	41,247	55,000
2,774	1,955	Reconnect/Meter Sets/Other Fees	23,908	17,600	23,465
8,619	8,917	Debt Service Surcharge	78,109	80,253	107,000
15,468	15,673	Management Infrastructure Surcharge	140,180	141,062	188,081
-	-	Miscellaneous Income	960	-	-
<b>272,294</b>	<b>248,793</b>	<b>Total Operating Revenues</b>	<b>2,319,106</b>	<b>2,239,147</b>	<b>2,985,526</b>
<b>Operating Expenses</b>					
2	2,500	Water Purchased	46,611	22,500	30,000
168,507	168,507	Management & Operations Contract	1,516,563	1,516,563	2,022,084
19,472	27,917	Utilities	201,323	251,253	335,000
2,631	2,500	Insurance	21,783	22,500	30,000
51,315	9,167	Repairs & Maintenance	304,464	82,499	110,000
-	83	Outside Services	37	751	1,000
913	833	Legal Expenses	5,338	7,501	10,000
-	-	Accounting/Audit	8,125	8,000	8,000
3,750	3,750	Bad Debts	33,750	33,750	45,000
-	-	Bond Trustee Fees	900	500	500
428	385	Dues	3,853	3,465	4,620
240	344	Office Expense	4,909	3,098	4,130
-	833	Rent Expense	25	7,497	10,000
-	-	Regulatory Assess Fees	4,703	-	-
197	125	KY 811 Services	1,629	1,125	1,500
(25)	55	Miscellaneous Expenses	(589)	495	660
463	5	Customer Deposit Interest Expense	6,602	49	65
<b>247,891</b>	<b>217,004</b>	<b>Total Operating Expenses</b>	<b>2,160,025</b>	<b>1,961,546</b>	<b>2,612,559</b>
<b>24,403</b>	<b>31,789</b>	<b>Net Income B/4 Other Income (Expenses)</b>	<b>159,081</b>	<b>277,601</b>	<b>372,967</b>
<b>Other Income (Expenses)</b>					
-	-	Capital Contributions	43,355	-	-
334	-	Interest Income	2,711	-	-
(4,933)	(8,333)	Interest Expense	(48,743)	(74,997)	(100,000)
(726)	63	Amortization	(6,209)	567	753
(61,000)	(65,000)	Depreciation	(561,000)	(585,000)	(780,000)
-	-	Loan Issue Costs	(4,500)	-	-
<b>(66,325)</b>	<b>(73,270)</b>	<b>Total Other Income (Expenses)</b>	<b>(574,386)</b>	<b>(659,430)</b>	<b>(879,247)</b>
<b>\$ (41,922)</b>	<b>\$ (41,481)</b>	<b>Net Income (Loss)</b>	<b>\$ (415,304)</b>	<b>\$ (381,829)</b>	<b>\$ (506,280)</b>

**Martin County Water District  
Inez, KY**

**Treasury Report**

<b>Billing Charges For the Month of:</b>	<b>Sep-24</b>	
Water Revenue		\$ 185,760.79
Water Revenue-Commercial		31,647.84
Water Revenue-Commercial Exempt		8,198.02
Late Charges		6,041.49
Sales Taxes		2,451.43
Debt Service Surcharge		8,618.57
School Tax		6,984.22
Management Infrastructure Surcharge		15,467.59
Returned Check		1,727.80
Interest on Customer Deposits		(462.86)
Connection Fees		3,000.00
Other Miscellaneous Fees		2,658.46
Deposits Applied		(1,305.00)
Refund Checks Paid		371.55
<b>Total Billing Charges</b>		<b>\$ 271,159.90</b>
		<hr/>
<b>Gallons Billed</b>		<b>14,245,840</b>
		<hr/>
<b>Customers Billed</b>		<b>3,340</b>
		<hr/>

<b>Accounts Receivable</b>	<b>Sep-24</b>	
Beginning Balance		373,593.34
Billing Charges		271,159.90
Bad Debt (Write Offs) Recoveries		178.48
Accounts Receivable Collections		(257,014.69)
<b>End of Month Accounts Receivable</b>		<b>387,917.03</b>

<b>Operations Account</b>		
Beginning Balance		\$ 32,226.35
Deposits		
Accounts Receivable Collections		257,014.69
Accounts Receivable Collections - Pmts in EFT Revenue Account		(121,633.91)
Sewer Billing Collections in Water Bank Acct - Due to MCS		78,869.72
Customer Deposits Received		1,755.00
Miscellaneous Income (Tokens, Hydrant Meter, AEP refund)		245.25
Prestonsburg Utilities		10,716.50
Transfers from Other District Accts		124,500.00
Total Deposits		<hr/> 351,467.25
Disbursements:		
Checks Written		(173,584.50)
Pmts made to Sanitation for A/R Collections		(65,687.43)
Transfers to Other District Accts		(46,517.10)
Auto Drafted Utilities		(23,733.20)
Sales and School Tax Payments		(9,433.20)
<b>End of Month Balance</b>		<b>\$ 64,738.17</b>

Cash Receipts Collected To Date in:	<b>Oct-24</b>	206,530.62
Bills Submitted for Payment in:	<b>Oct-24</b>	(256,743.24)
<b>Available Balance</b>	<b>6A-4</b>	<hr/> <b>14,525.55</b>

**Martin County Water District  
Inez, KY  
Treasury Report  
Summary of Cash & Investments  
September 30, 2024**

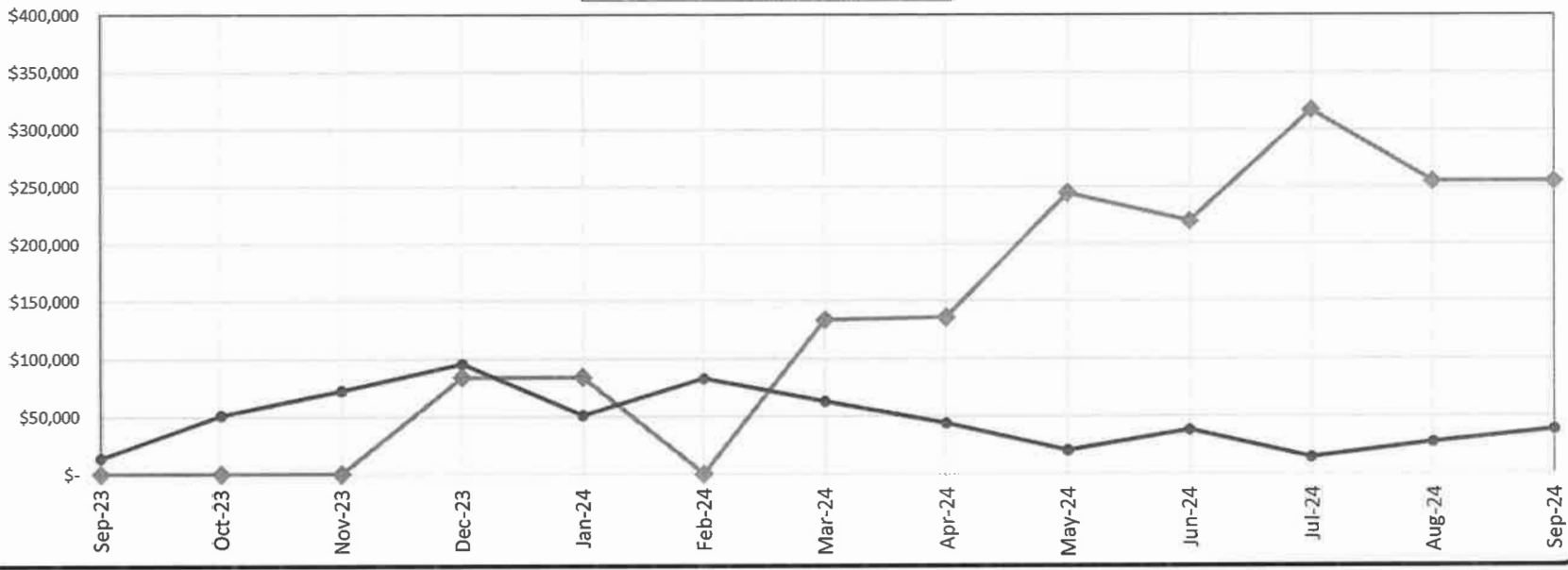
<b>Bank Account</b>	<b>Beginning Balance</b>	<b>Deposits</b>	<b>Interest Earned, Net of Fees</b>	<b>Payments</b>	<b>Ending Balance</b>
Operations Account	\$ 32,226.35	351,467.25	-	(318,955.43)	\$ 64,738.17
Revenue EFT Account	5,456.49	121,633.91	-	(124,888.15)	2,202.25
Debt Service Surcharge	1,000.06	9,481.37	0.07	(9,481.43)	1,000.07
Management Infrastructure Surcharge	1,000.09	17,015.73	0.10	(17,015.82)	1,000.10
Security Deposits	105,753.57	2,520.00	4.43	(371.55)	107,906.45
Cash on Hand	900.00	-	-	-	900.00
<b>Total Unrestricted Cash</b>	<b>146,336.56</b>	<b>502,118.26</b>	<b>4.60</b>	<b>(470,712.38)</b>	<b>177,747.04</b>
<b>Restricted Cash</b>					
ARC Grant	63.07	-	-	-	63.07
Rockhouse Project	11,526.29	10,800.00	-	(10,228.23)	12,098.06
Regions Bank-KY 2015E Martin County	66,617.85	10,228.23	261.67	-	77,107.75
KIA Bond & Interest	5,691.75	5,700.00	0.07	(5,632.44)	5,759.38
KY Assoc of Counties Leasing Trust	5,774.34	1,000.00	0.11	(95.70)	6,678.75
Depreciation Reserve	1,022.64	-	0.02	-	1,022.66
Rt 40E Water Improvement Project	75.00	25.00	-	-	100.00
Cost of Issuance Fund 2022	2,098.00	-	-	-	2,098.00
<b>Total Restricted Cash</b>	<b>92,868.94</b>	<b>27,753.23</b>	<b>261.87</b>	<b>(15,956.37)</b>	<b>104,927.67</b>
<b>Total Cash &amp; Investments</b>	<b>\$ 239,205.50</b>	<b>529,871.49</b>	<b>266.47</b>	<b>(486,668.75)</b>	<b>\$ 282,674.71</b>

**Martin County Water District  
Billing Summary**

Date	Billed		Gallons (000'S)	Billed # of Customers	Payments Received
	Revenue	YTD Total			
Sep-24	232,908	2,057,435	14,246	3,340	257,015
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

### Martin County Water District

◆ Due to AWR    ◆ Due to MCS





**Martin County Water District, Inez KY**  
**List of Bills for Consideration**  
**22-Oct-24**

<u>Vendor</u>	<u>Description</u>	<u>Amount</u>
<b>Operations Account</b>		
1 AEP	Electric (26 bills) Estimated	\$ 19,451.37
2 Big Sandy RECC	Electric (9 bills) Estimated	\$ 2,288.05
3 Paintsville Utilities	Electric for token (8/02/24 to 9/04/24) Estimated	\$ 39.17
4 Martin County Public Library	Rent (Nov)	\$ 868.08
5 Martin County Water District	Sanitation (Sept)	\$ 141.67
6 Sales tax	9/2024 (estimated)	\$ 2,648.79
7 School tax	9/2024 (estimated)	\$ 6,784.41
8 Alliance Water Resources	10/1/24-10/15/24 O&M services	\$ 84,253.50
9 Alliance Water Resources	10/16/24-10/31/24 O&M services	\$ 84,253.50
10 Alliance Water Resources	Insurance Policy Installment (10/10)	\$ 2,120.60
11 Brian Cumbo	Legal Fees	\$ 912.50
12 Management Inf. Surcharge	Estimated (actual collected will be paid)	\$ 17,015.73
13 Debt Service Surcharge	Estimated (actual collected will be paid)	\$ 9,481.37
14 Kentucky Underground	811 Services (Sept)	\$ 196.50
15 Estech Systems	Phone System (Sept)	\$ 224.36
16 NexBillPay	Fees (Sept)	\$ 12.00
17 Diesel Fuel Receipts	Diesel Fuel (Sept)	\$ 26,552.86
18 H&E Equipment Services	Pump Rental	\$ 739.50
19 Rain for Rent	Pump Rental (Aug)	\$ 10,920.84
20 Rain for Rent	Pump Rental (Sept)	\$ 10,920.84
21 Rain for Rent	Pump Maintenance	\$ 1,627.74
22 Immese Impact, LLC	Annual Website Subscription	\$ 499.00
23 Mountain Water District	Purchased Water	\$ 1.72
24 Liberty Mutual	Blanket Encroachment Bond	\$ 916.20
25 Sentry Fire Protection, Inc.	Fire Extinguisher Inspection	\$ 370.04
<b>TOTAL</b>		<b>\$ 283,240.34</b>

<b>Operations Account - Debt Service Funding</b>		<b>Transfer Amounts</b>
1 KIA	Monthly funding for KIA Bond/Loan	\$ 5,600.00
2 KACo	Monthly funding for lease payment	\$ 1,000.00
3 KRW/Regions Bank	Monthly funding for loan	\$ 10,800.00
<b>TOTAL</b>		<b>\$ 17,400.00</b>

**TOTAL OPERATIONS**

**\$ 300,640.34**

---

**Security Deposit Account**

**Customer**

1	Vanderbilt Mortgage & Finance	Deposit refund due to customer	\$	73.56
2	Donnis Mills	Deposit refund due to customer	\$	18.27
3	Deanna Wiley	Deposit refund due to customer	\$	65.02
4	Samantha Messer	Deposit refund due to customer	\$	43.21
5	Tamara Jude	Deposit refund due to customer	\$	18.77
	<b>TOTAL</b>		<b>\$</b>	<b>218.83</b>

---

**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**

**October 2024**

**Administrative**

Gave tours to new board members

Gave tours to Water Warriors and Water Hub

University of Kentucky visited to discuss system modeling

**Water Treatment**

WTP to Distribution

August Average- 1.60 MG Daily

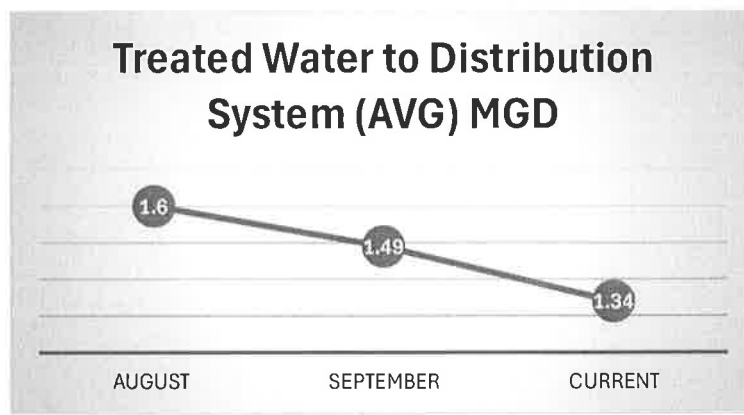
September Average- 1.49 MG Daily

WTP is currently averaging 1.34 MG Daily

Sentry fire inspected and certified fire extinguishers

Diesel pump at RWI went down – reservoir still on 3<sup>rd</sup> screen

Pumped 188 hours to the Prison



## Martin County Water District

### Distribution

Fixed 4 long term leaks- Estimated water loss 6 MG Monthly

Water main replacement on Collins Creek 100% completed,  
New meter boxes with meters installed – service lines installed

Leak detection program identified 29 new leaks

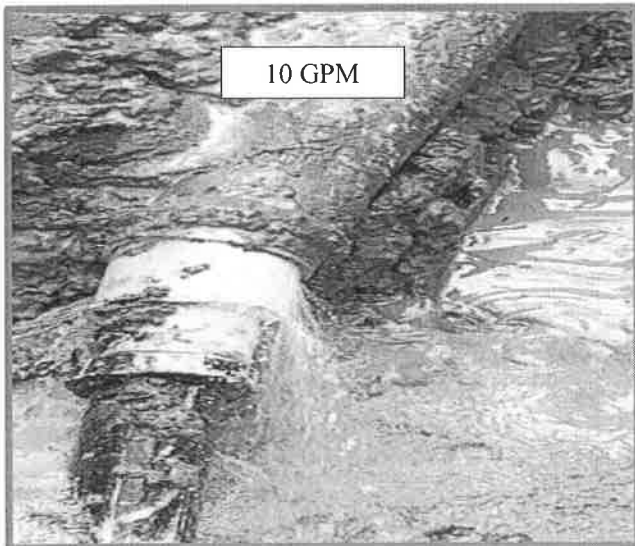
Fixed a total of 35 water leaks in the distribution system for the month

Installed 2<sup>nd</sup> pump and motor 40E pump station – also installed new expansion joint

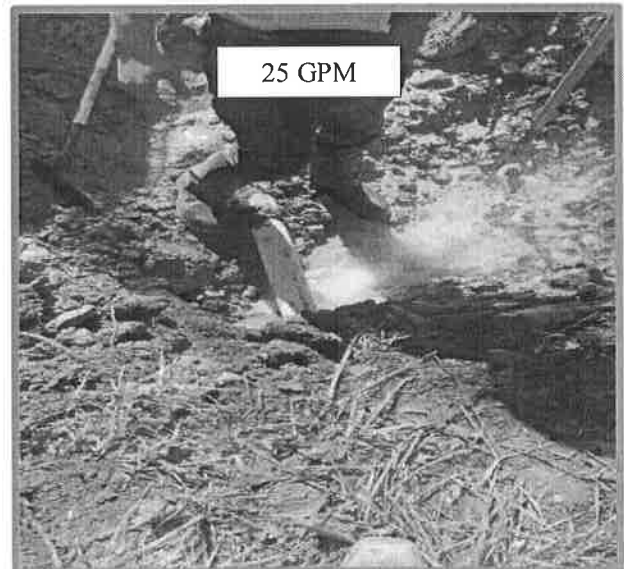
292 tank sprung hole from previous repaired section – we have made temporary repair with a plug-in tank – working to get inspected, this is needed before permanent solution can be completed

Reduced Coldwater master meter from 70gpm to 25gpm – this will be reflected in October water loss numbers

Reduced Old Rt 3 Master Meter from 75gpm to 35gpm- this will be reflected in October water loss numbers

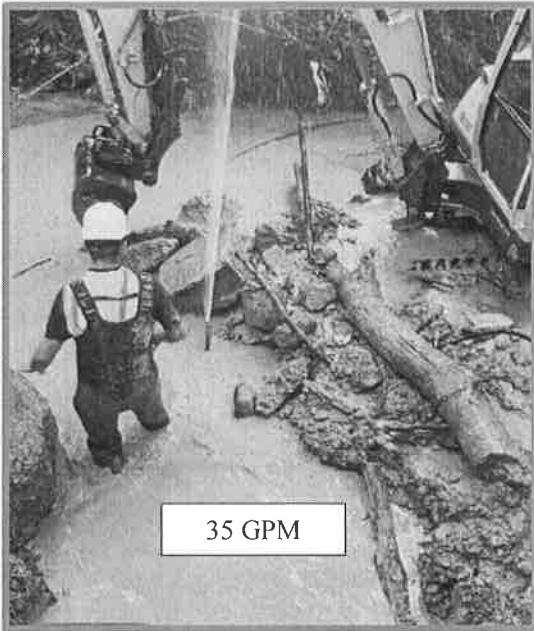


Old Rt 3 Leak (30+ Days) Replaced with mechanical fittings and pipe



Old Rt 3 Leak (30+ Days) Replaced with mechanical fittings and pipe

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**Martin County Water District**



Coldwater Leak (30+ Days) Old line found in creek with no active customers on it. Line was shut off.



Warfield leak on 2" meter. Replaced valve, new tap, 15 ft of 2" line, and mechanical fitting.

**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
<b>Total Grant</b>	<b>\$11,220,718</b>	

**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**  
**September 2024**

<b>Water Pumped</b>	
Total Water Production (gallons)	44,669,000
Total Water Metered/Billed (gallons)	14,246,000
Water Plant Usage (Gallons)	149,700
Backwash Water Usage (Gallons)	346,000
Average Daily Flow Treated (Gallons)	1,521,567
Maximum Daily Flow Treated (Gallons)	1,718,000
Fluoride Used (lbs.)	359.7
Chlorine Used (lbs.)	1,695.3
Lab Tests	3,815

**Water Quality Analysis**  
**September 2024**

Test	Routine	Special	Repeat
Bacteriological	10 (Pass)	11 (Pass)	0
		<b>Reported</b>	<b>Minimum Limit</b>
Fluoride Plant Sample	30	0.87 mg/l Average	0.6 mg/l
Chlorine Distribution Sample	Total- 32 Free- 32	<b>Low Readings</b> Total - 0.23mg/L  Free – 0.23mg/L	0.2 mg/l



## Customer Service Request and Work Orders

Meter Reads	3289
Meter Sets	23
Turn offs-Close account	16
Taps	2
Meter Changes	43
Disconnects for Non-payment	52
Boil Notices	5
Line Locates	131
Water Leaks/Breaks	19
Other/Investigates	161


  
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**Martin County Water District**

**Water Main Breaks & Service Lines**

Date	Location of Leak or Line Break	Calculated Loss for Month
9/3/24	8549 beauty Rd	315,132
9/3/24	9376 Rockcastle Rd	98,479
9/3/24	25 Dogwood Dr	68,935
9/4/24	667 Calf Crk	21,446
9/4/24	767 W Main St	196,957
9/4/24	26 Jude Hollow	21,446
9/5/24	1144 Coldwater Rd	315,132
9/6/24	1149 Coldwater Rd	157,566
9/9/24	140 Milo Subdivision Rd	59,087
9/9/24	113 River front Rd	157,566
9/10/24	179 Eden Ln	2,363,489
9/10/24	179 Eden Ln	643,380
9/10/24	110 Bandmill Rd	21,446
9/11/24	1010 W Main St	78,783
9/13/24	20 Jean Copeland Ln	59,087
9/13/24	Little Blacklog Rd	39,391
9/13/24	3272 Blacklog Rd	39,391
9/17/24	960 Turkey Crk	78,783
9/17/24	290 Coldwater Rd	85,784
9/18/24	493 Coldwater Rd	19,696
9/18/24	98 Haney Pl	8,753
9/18/24	Webb Holw	39,391
9/18/24	115 Lafferty Ln	19,696
9/18/24	32 Twin Br	19,696
9/19/24	39 Jeff Jude Rd	39,391
9/19/24	4294 N Milo Rd	39,391
9/20/24	27 Cline Btm	78,783
9/20/24	8200 Beauty Rd	1,181,745
9/20/24	164 Preece Rd	39,391
9/20/24	Old Route 3	15,757
9/23/24	1128 E main St	78,783
9/24/24	330 Moore Br	19,696
9/25/24	73 Music Ln	39,391
9/26/24	4229 Hode Rd	1,181,745
9/28/24	9098 Beauty Rd	78,783

<b>Total Gallons Lost Due to Line Breaks :</b>	<b>7,721,371</b>
--	------------------



### Repair Expenses Ending August 2024

Expended	Actual YTD	Annual Budget	% Budget / Line Item
Bldg. & Grounds Maintenance	\$591	\$5,000	12%
Vehicle Maintenance	\$28,497	\$20,000	142%
Water Plant Maintenance	\$5,982	\$7,000	85%
Distribution System Maintenance	\$125,841	\$50,000	252%
Water Meter Maintenance	\$5,345	\$10,000	53%
Street Maintenance	\$0	\$8,000	0%
<b>Totals</b>	<b>\$166,256</b>	<b>\$100,000</b>	<b>166%</b>

### Chemical Expenses Ending August 2024

Expended	Actual YTD	Annual Budget	% Budget / Line Item
Sodium Bisulfite	\$7,057	\$0.00	
Sodium Hydroxide	\$7,643	\$11,000	69%
Caustic Detergent	\$226	\$0.00	
Polymer	\$2,622	\$15,000	17%
Alum (DELPAC)	\$32,096	\$30,000	107%
Chlorine	\$33,533	\$20,000	168%
Permanganate	\$12,498	\$19,000	66%
Fluoride	\$3,821	\$7,000	54%
Chemicals Other - Water	\$8,469	\$8,000	106%
<b>Totals</b>	<b>\$107,965</b>	<b>\$110,000</b>	<b>98%</b>

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**Martin County Water District**

Notes:

- 1) Building & Grounds Maintenance
  - a. Rural King \$49.81
  - b. R&J Building Supply \$24.35
  
- 2) Vehicle Maintenance
  - a. Advance Auto \$376.37
  - b. Oil Changers \$704.65
  - c. Carbon Auto \$383.96
  - d. PJ Trailer Sales LLC \$983.65
  - e. Suds Carwash \$34.99
  
- 3) Water Plant Maintenance
  - a. Advanced Auto \$190.76
  - b. Evans Hardware \$7.62
  
- 4) Well Maintenance
  - a. \$0.00
  
- 5) Distribution System Maintenance
  - a. Consolidated Pipe & Supply \$9,897.62
  - b. Jabo Supply \$6,845.04
  - c. Core & Main \$97.52
  - d. R & J Building Supply \$985.24
  - e. Lowes \$185.33
  - f. Grainger \$220.58
  - g. Harbor Freight \$66.78
  - h. Trinity Hose \$12.31
  - i. Evans Hardware \$128.32
  
- 6) Meter Maintenance
  - a. \$0.00
  
- 7) Sodium Bisulfite
  - a. CITCO Water \$469.05
  
- 8) Sodium Hydroxide
  - a. \$0.00

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**Martin County Water District**

- 9) Caustic Detergent
  - a. \$0.00
  
- 10) Polymer
  - a. \$0.00
  
- 11) Alum (DELPAC)
  - a. CITCO Water \$5,474.38
  
- 12) Chlorine
  - a. CITCO Water \$8,992.48
  
- 13) Sodium Permanganate
  - a. CITCO Water \$3,124.55
  
- 14) Fluoride
  - a. \$0.00
  
- 15) Chemicals Other – Water
  - a. CITCO Water \$3,558.61

KENTUCKY DIVISION OF WATER

Revised 1/24/21



DRINKING WATER BRANCH  
MONTHLY OPERATION REPORT (MOR)--ALL WATER SYSTEMS

MONTH & YEAR (mm/yyyy)

Indicate one with "X"

<input checked="" type="checkbox"/>	SURFACE WATER
<input type="checkbox"/>	GROUNDWATER
<input type="checkbox"/>	PURCHASE/DISTRIBUTE ONLY

PWS ID :	<u>KY0800273</u>	PLANT ID: A	PLANT NAME:	<u>Martin County Water Plant</u>
PWS NAME:	<u>Martin Co. Water District</u>	PLANT CLASS: <u>3</u>	DIST. CLASS: <u>2</u>	
AGENCY INTEREST (AI):	<u>2987</u>	DATE MAILED:		
SOURCE NAME:	<u>Crum Reservoir</u>	COUNTY:	<u>Martin</u>	
	<u>Tug Fork</u>			
	<b>OPERATOR(S) RESPONSIBLE / IN-CHARGE</b>	<b>CLASS</b>	<b>CERTIFICATION NUMBER</b>	
WTP SHIFT 1:	<u>Michael Sartin</u>	<u>IV-A</u>	<u>21944</u>	
WTP SHIFT 2:	<u>Kody T Rainwater</u>	<u>IV-A</u>	<u>79751</u>	
WTP SHIFT 3:	<u>Garrett McKinney</u>	<u>II-A</u>	<u>79124</u>	
DISTRIBUTION:	<u>Colby May / Justin Staton</u>	<u>III - III</u>	<u>81587 / 78548</u>	

**THIS REPORT MUST BE RECEIVED BY THE DIVISION OF WATER AND APPLICABLE FIELD OFFICE  
NO LATER THAN 10 DAYS AFTER THE END OF THE MONTH.**

**TREATMENT PLANTS COMPLETE:**

1. DESIGN CAPACITY (gpm):	<u>1667</u>
2. TYPE OF FILTRATION USED:	<u>Dual media</u>
3. DESIGN FILTRATION RATE (gpm/sq. ft.):	<u>2.66</u>
4. PERCENT BACKWASH WATER USED:	<u>0.8%</u>
5. DATE FLOCCULATION BASIN(S) LAST CLEANED:	<u>#1 1/13/24 #2 - 3/18/10 #3 - 9/11/24</u>
6. DATE SETTLING BASIN(S) LAST CLEANED:	<u></u>

I certify under penalty of law that I have personally examined and am familiar with the Information submitted herein. Based on my inquiry of those individuals immediately responsible for obtaining the Information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. See KRS 224.99-010 and 401 KAR 8:020. (Penalties under this statute and regulation may include fines up to \$25,000 per violation or by imprisonment for not more that one year, or both).

Recoverable Signature

X Michael Sartin

Date \_\_\_\_\_

Signed by: Drinking Water Supv Compliance

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

KENTUCKY DIVISION OF WATER - DRINKING WATER BRANCH  
 WATER TREATMENT PLANT - MONTHLY OPERATING REPORT

PWS ID : KY0800273  
 PLANT ID: A

APPLICABLE TO ALL PLANTS

REPORT MONTH/YEAR: 09/2024  
 PAGE 1 OF 11

DAY	RAW WATER TREATED GALLONS	HOURS PLANT OPERATED	COAGULANT Del Pac		COAGULANT		pH ADJUSTMENT		DISINFECTANT		DISINFECTANT	
			LBS	PPM	LBS	PPM	Pre		Pre		Post	
							LBS	PPM	LBS	PPM	LBS	PPM
1	1,536,000	24.0	133.12	10.4	4.20	0.3			26.41	2.1	25.93	2.0
2	1,531,000	24.0	256.00	20.0	4.20	0.3			27.93	2.2	27.02	2.1
3	1,529,000	24.0	256.00	20.1	4.20	0.3			28.82	2.3	25.93	2.0
4	1,585,000	24.0	194.56	14.7	4.20	0.3			29.98	2.3	25.50	1.9
5	1,518,000	24.0	317.44	25.1	4.20	0.3			27.43	2.2	25.93	2.0
6	1,544,000	24.0	256.00	19.9	4.20	0.3			29.30	2.3	25.93	2.0
7	1,552,000	24.0	256.00	19.8	4.20	0.3			28.38	2.2	26.55	2.1
8	1,502,000	24.0	317.44	25.3	4.20	0.3			24.97	2.0	25.93	2.1
9	1,499,000	24.0	256.00	20.5	4.20	0.3			24.97	2.0	25.93	2.1
10	1,492,000	24.0	256.00	20.6	4.20	0.3			24.97	2.0	25.93	2.1
11	1,536,000	24.0	256.00	20.0	4.20	0.3			31.31	2.4	25.93	2.0
12	1,562,000	24.0	256.00	19.7	4.20	0.3			39.84	3.1	28.82	2.2
13	1,472,000	24.0	256.00	20.9	4.20	0.3			35.96	2.9	28.82	2.3
14	1,469,000	24.0	256.00	20.9	4.20	0.3			33.62	2.7	28.82	2.4
15	1,475,000	24.0	378.88	30.8	4.20	0.3			33.25	2.7	28.82	2.3
16	1,513,000	24.0	256.00	20.3	4.20	0.3			33.63	2.7	28.82	2.3
17	1,547,000	24.0	256.00	19.8	4.20	0.3			33.63	2.6	28.82	2.2
18	1,483,000	24.0	256.00	20.7	4.20	0.3			36.41	2.9	28.82	2.3
19	1,456,000	24.0	266.24	21.9	4.20	0.3			33.15	2.7	28.82	2.4
20	1,558,000	24.0	317.44	24.4	4.20	0.3			28.93	2.2	29.90	2.3
21	1,608,000	24.0	256.00	19.1	4.20	0.3			25.47	1.9	28.82	2.1
22	1,700,000	24.0	256.00	18.1	4.20	0.3			25.47	1.8	28.82	2.0
23	1,718,000	24.0	256.00	17.9	4.20	0.3			25.47	1.8	28.58	2.0
24	1,559,000	24.0	256.00	19.7	4.20	0.3			25.47	2.0	25.93	2.0
25	1,397,000	24.0	256.00	22.0	4.20	0.4			25.47	2.2	21.60	1.9
26	1,500,000	24.0	194.56	15.6	4.20	0.3			25.47	2.0	24.57	2.0
27	1,521,000	24.0	194.56	15.3	4.20	0.3			27.39	2.2	28.32	2.2
28	1,468,000	24.0	256.00	20.9	4.20	0.3			27.39	2.2	28.82	2.4
29	1,429,000	24.0	256.00	21.5	4.20	0.4			27.39	2.3	28.82	2.4
30	1,388,000	24.0	256.00	22.1	4.20	0.4			27.39	2.4	28.82	2.5
31												
TOTAL	45,647,000	720.0	7690.2		126.0				875.3		820.1	
AVERAGE	1,521,567	24.0	256.3	20.3	4.2	0.3			29.2	2.3	27.3	2.2
MAX	1,718,000											

NUMBER DAYS IN OPERATION

30

KENTUCKY DIVISION OF WATER - DRINKING WATER BRANCH  
 WATER TREATMENT PLANT - MONTHLY OPERATING REPORT

PWS ID : KY0600273

PLANT ID: A

REPORT MONTH/YEAR: 09/2024

PAGE 2 OF 11

APPLICABLE TO ALL PLANTS

DAY	CHEMICALS ADDED													
	DISINFECTANT		FLUORIDE		CARBON		pH ADJUSTMENT		KMnO <sub>4</sub>		CORROSION INHIBITOR		Mainstream Copper Sulfate	
	LBS	PPM	LBS	PPM	LBS	PPM	Post		LBS	PPM	LBS	PPM	LBS	PPM
							LBS	PPM						
1	52.34	4.1	12.62	1.0	125.50	9.8			9.73	0.8			12.67	1.0
2	54.95	4.3	12.62	1.0	125.50	9.8			9.73	0.8			12.67	1.0
3	54.75	4.3	12.62	1.0	125.50	9.8			9.73	0.8			12.67	1.0
4	55.48	4.2	12.62	1.0	125.50	9.5			9.73	0.7			12.67	1.0
5	53.36	4.2	12.62	1.0	125.50	9.9			9.73	0.8			12.67	1.0
6	55.23	4.3	12.62	1.0	125.50	9.7			9.73	0.8			12.67	1.0
7	54.93	4.2	12.62	1.0	125.50	9.7			9.73	0.8			12.67	1.0
8	50.90	4.1	12.62	1.0	125.50	10.0			9.73	0.8			12.67	1.0
9	50.90	4.1	12.62	1.0	125.50	10.0			9.73	0.8			12.67	1.0
10	50.90	4.1	12.62	1.0	125.50	10.1			9.73	0.8			12.67	1.0
11	57.24	4.5	12.62	1.0	125.50	9.8			9.73	0.8			12.67	1.0
12	68.66	5.3	12.62	1.0	125.50	9.6			9.73	0.7			12.67	1.0
13	64.76	5.3	12.62	1.0	125.50	10.2			9.73	0.8			12.67	1.0
14	62.44	5.1	12.62	1.0	125.50	10.2			11.22	0.9			12.67	1.0
15	62.07	5.0	12.62	1.0	125.50	10.2			12.48	1.0			12.67	1.0
16	62.45	4.9	12.62	1.0	125.50	9.9			12.48	1.0			12.67	1.0
17	62.45	4.8	12.62	1.0	125.50	9.7			12.48	1.0			12.67	1.0
18	65.23	5.3	12.62	1.0	125.50	10.1			12.48	1.0			12.67	1.0
19	61.97	5.1	12.62	1.0	125.50	10.3			12.48	1.0			12.67	1.0
20	58.83	4.5	12.62	1.0	125.50	9.7			11.10	0.9			12.67	1.0
21	54.29	4.0	12.62	0.9	125.50	9.4			9.73	0.7			12.67	0.9
22	54.29	3.8	12.62	0.9	125.50	8.9			9.73	0.7			12.67	0.9
23	54.05	3.8	12.62	0.9	125.50	8.8			9.73	0.7			12.67	0.9
24	51.40	4.0	12.62	1.0	125.50	9.7			9.73	0.7			12.67	1.0
25	47.07	4.0	12.62	1.1	125.50	10.8			9.73	0.8			12.67	1.1
26	50.04	4.0	12.62	1.0	125.50	10.0			9.73	0.8			12.67	1.0
27	55.71	4.4	12.62	1.0	125.50	9.9			9.73	0.8			12.67	1.0
28	56.21	4.6	12.62	1.0	125.50	10.3			9.73	0.8			12.67	1.0
29	56.21	4.7	6.31	0.5	125.50	10.5			9.73	0.8			12.67	1.1
30	56.21	4.9	0.00		125.50	10.8			9.73	0.8			12.67	1.1
31														
TOTAL	1695.3		359.7		3765.0				308.5				380.1	
AVERAGE	56.5	4.5	12.0	1.0	125.5	9.9			10.3	0.8			12.7	1.0

KENTUCKY DIVISION OF WATER - DRINKING WATER BRANCH  
 WATER TREATMENT PLANT - MONTHLY OPERATING REPORT

PWS ID : KY0800273  
 PLANT ID: A

**APPLICABLE TO ALL PLANTS**

REPORT MONTH/YEAR: 09/2024

PAGE 3 OF 11

ANALYTICAL RESULTS (mg/L OR PPM UNLESS OTHERWISE SPECIFIED)														
DAY	pH			TOTAL ALKALINITY		TOTAL HARDNESS		CHLORINE RESIDUAL				TURBIDITY (NTU)		
	RAW	TOP OF FILTER	TAP	RAW	TAP	RAW	TAP	TOP OF FILTER		PLANT TAP		RAW	SETTLED WATER	PLANT TAP
								TOTAL	FREE	TOTAL	FREE			
1	7.73	7.89	7.80	138	145	198	200	0.87	0.77	2.03	1.96	2.21	0.54	0.15
2	7.72	7.84	7.73	136	143	198	201	1.01	0.95	2.12	2.08	2.11	0.49	0.15
3	7.62	7.81	7.69	133	137	196	198	0.88	0.81	1.99	1.92	2.37	0.51	0.12
4	7.58	7.77	7.68	136	138	197	200	1.03	0.95	2.12	2.06	2.30	0.71	0.12
5	7.69	7.86	7.74	144	150	204	205	0.95	0.81	2.12	2.02	2.84	0.76	0.13
6	7.85	7.93	7.81	145	150	204	206	1.04	0.97	2.14	2.07	3.90	0.79	0.14
7	7.97	8.06	7.93	155	159	219	215	1.10	0.98	2.24	2.20	3.04	0.80	0.15
8	7.96	8.02	7.88	149	154	213	215	1.12	0.97	2.05	2.01	2.73	0.75	0.14
9	7.97	7.99	7.85	144	150	210	211	1.17	1.09	2.12	2.05	2.44	0.72	0.16
10	7.92	7.99	7.87	142	147	207	210	1.15	1.05	2.19	2.11	2.41	0.70	0.17
11	7.96	8.00	7.88	144	148	204	209	1.20	1.08	2.15	2.06	2.18	0.61	0.17
12	7.96	8.03	7.86	149	153	211	221	1.18	1.00	2.26	2.19	1.92	0.99	0.16
13	8.01	8.07	7.93	161	163	220	216	1.15	1.03	2.24	2.16	2.04	0.85	0.16
14	8.11	8.14	7.98	166	164	227	220	1.03	0.94	2.25	2.22	2.64	0.69	0.15
15	8.12	8.10	7.94	162	172	222	220	1.16	1.04	2.39	2.31	2.59	0.83	0.15
16	8.03	8.06	7.92	161	170	217	216	1.29	1.19	2.26	2.21	2.24	0.85	0.15
17	8.03	8.05	7.92	164	172	225	221	1.25	1.16	2.24	2.19	2.13	0.82	0.13
18	7.98	8.09	7.96	166	173	227	224	1.32	1.24	2.24	2.17	2.26	0.72	0.15
19	8.11	8.13	8.00	175	178	244	238	1.07	0.97	2.16	2.07	2.53	0.74	0.14
20	8.07	8.14	8.02	177	179	242	237	1.04	0.97	2.27	2.21	2.25	0.68	0.14
21	8.11	8.14	8.03	174	181	245	242	0.88	0.79	2.28	2.20	2.46	0.71	0.14
22	8.06	8.12	7.97	185	182	241	237	0.79	0.69	2.04	1.99	2.06	0.77	0.14
23	7.95	8.08	7.94	183	181	239	235	0.69	0.62	2.06	2.02	1.93	0.72	0.13
24	7.96	8.07	7.92	185	180	240	235	0.95	0.86	2.15	2.11	2.29	0.50	0.12
25	7.95	8.07	7.92	183	182	238	232	1.08	1.01	2.03	1.98	2.87	0.53	0.12
26	7.94	8.02	7.93	184	180	237	233	0.99	0.90	1.97	1.93	2.24	0.60	0.12
27	7.99	8.06	7.97	178	181	237	238	0.72	0.61	1.97	1.92	2.64	0.62	0.12
28	7.96	8.01	7.91	171	178	233	236	0.70	0.61	1.98	1.93	4.79	0.68	0.13
29	7.80	7.88	7.86	173	177	231	234	0.72	0.65	2.04	1.99	7.34	0.69	0.13
30	7.68	7.83	7.81	171	176	228	232	0.76	0.67	2.11	2.06	8.07	0.70	0.12
31														
AVERAGE	7.93	8.01	7.89	161.13	164.77	221.80	221.23	1.01	0.91	2.14	2.08	2.86	0.70	0.14

**Surface Water Plants Only**

KENTUCKY DIVISION OF WATER  
 DRINKING WATER BRANCH  
 WATER TREATMENT PLANT MONTHLY OPERATION REPORT  
 AREA-WIDE OPTIMIZATION PROGRAM TURBIDITY DATA  
 COPY PAGE AS NEEDED

PWS ID : KY0800273  
 PLANT ID: A  
 AGENCY INTEREST: 2987  
 REPORT MONTH/YEAR: 09/2024

ANALYTICAL RESULTS (NTU)															
DAY	RAW DAILY MAXIMUM	SEDIMENTATION BASIN EFFLUENT DAILY MAXIMUM						INDIVIDUAL FILTER EFFLUENT DAILY MAXIMUM							CFE DAILY MAXIMUM
		#1	#2	#3	#4	#5	#6	#1	#2	#3	#4	#5	#6	#7	
1	2.21	0.61	0.65					0.21	0.18	0.15	0.16				0.17
2	2.11	0.57	0.70					0.22	0.20	0.16	0.17				0.18
3	2.37	0.61	0.62					0.13	0.11	0.09	0.09				0.09
4	2.30	2.89	0.67					0.11	0.12	0.09	0.09				0.09
5	2.84	0.71	2.02					0.12	0.11	0.21	0.09				0.11
6	3.90	2.62	0.84					0.12	0.11	0.16	0.17				0.13
7	3.04	2.17	0.95					0.14	0.09	0.15	0.16				0.12
8	2.73	0.98	1.16					0.14	0.10	0.16	0.16				0.13
9	2.44	0.72	1.46					0.17	0.10	0.18	0.18				0.15
10	2.41	0.72	1.37					0.17	0.11	0.18	0.18				0.21
11	2.18	0.65	0.88	1.70				0.20	0.15	0.17	0.17	0.21	0.23		0.16
12	1.92	0.98	0.84	1.95				0.22	0.19	0.17	0.16	0.15	0.22		0.14
13	2.04	0.60	0.76	1.44				0.18	0.15	0.14	0.13	0.22	0.21		0.12
14	2.64	0.61	1.16	1.43				0.16	0.15	0.21	0.11	0.14	0.20		0.12
15	2.59	0.57	0.68	1.90				0.16	0.14	0.18	0.11	0.15	0.22		0.12
16	2.24	0.49	0.66	3.12				0.14	0.12	0.17	0.10	0.37	0.35		0.16
17	2.13	0.55	0.56	2.24				0.18	0.11	0.14	0.09	0.13	0.20		0.10
18	2.26	0.51	0.49	1.59				0.13	0.11	0.13	0.14	0.12	0.19		0.10
19	2.53	0.61	0.53	1.47				0.16	0.11	0.12	0.14	0.13	0.21		0.10
20	2.25	0.90	0.56	1.21				0.14	0.10	0.11	0.12	0.12	0.20		0.09
21	2.46	0.83	0.60	1.10				0.12	0.11	0.10	0.11	0.14	0.21		0.09
22	2.06	0.98	0.58	2.40				0.12	0.13	0.10	0.10	0.38	0.31		0.11
23	1.93	1.32	0.54	1.55				0.10	0.10	0.09	0.09	0.13	0.20		0.08
24	2.29	0.48	0.53	0.71				0.14	0.09	0.09	0.09	0.12	0.19		0.08
25	2.87	0.88	0.59	0.88				0.13	0.09	0.12	0.09	0.11	0.18		0.08
26	2.24	0.50	1.21	0.97				0.13	0.08	0.15	0.08	0.11	0.18		0.08
27	2.64	1.33	0.82	0.91				0.11	0.10	0.12	0.11	0.11	0.19		0.08
28	4.79	1.47	0.55	1.20				0.11	0.10	0.12	0.12	0.11	0.21		0.08
29	7.34	0.52	0.56	1.83				0.11	0.10	0.12	0.11	0.21	0.26		0.10
30	8.07	0.48	0.54	1.55				0.13	0.09	0.12	0.11	0.13	0.20		0.09
31															
AVERAGE	2.86	0.93	0.80	1.56				0.15	0.12	0.14	0.12	0.16	0.22		0.12



KENTUCKY DIVISION OF WATER - DRINKING WATER BRANCH  
 WATER TREATMENT PLANT - MONTHLY OPERATING REPORT

PWSID: KY0800273  
 PLANT ID: A

APPLICABLE TO ALL PLANTS

REPORT MONTH/YEAR: 09/2024

\*Please answer Y/N question below this chart.

PAGE 5 OF 11

ANALYTICAL RESULTS (mg/L OR PPM UNLESS OTHERWISE SPECIFIED)											RAINFALL INCHES	WATER TEMP. DEGREES F°/C°
DAY	FLUORIDE		IRON		MANGANESE		PHOSPHATE		Lowest Daily Chlorine Residual Plant Tap On-Line Chlorine Analyzer			
	RAW	TAP	RAW	TAP	RAW	TAP	RAW	TAP	FREE / TOTAL			
1	0.25	0.88	0.13	0.02	0.13	0.00			0.95		0.4	24.5
2	0.27	0.62	0.15	0.01	0.12	0.00			1.89		0.0	24.7
3	0.29	0.96	0.14	0.00	0.12	0.00			1.67		0.0	24.4
4	0.43	1.05	0.17	0.00	0.11	0.00			1.75		0.0	24.5
5	0.34	0.92	0.29	0.00	0.15	0.00			1.10		0.0	23.9
6	0.27	0.80	0.22	0.00	0.14	0.00			1.85		0.0	24.1
7	0.25	0.82	0.16	0.02	0.10	0.00			1.95		0.0	24.2
8	0.32	0.94	0.11	0.00	0.11	0.00			1.85		0.0	23.7
9	0.32	0.94	0.15	0.01	0.11	0.00			1.94		0.0	23.5
10	0.34	1.04	0.16	0.00	0.11	0.00			1.84		0.0	24.1
11	0.29	0.77	0.12	0.00	0.12	0.00			0.90		0.0	22.8
12	0.25	0.85	0.12	0.01	0.09	0.02			2.05		0.0	22.6
13	0.31	0.89	0.09	0.00	0.07	0.02			2.04		0.0	23.0
14	0.21	0.83	0.12	0.00	0.09	0.01			2.10		0.0	22.4
15	0.29	0.90	0.09	0.00	0.10	0.00			2.10		0.0	22.9
16	0.29	0.88	0.11	0.00	0.10	0.00			1.95		0.0	22.9
17	0.34	1.04	0.13	0.00	0.11	0.00			1.63		0.1	22.6
18	0.40	0.98	0.10	0.00	0.10	0.00			1.65		0.0	23.3
19	0.36	0.95	0.09	0.00	0.08	0.01			1.80		0.0	22.7
20	0.37	0.91	0.10	0.00	0.31	0.00			2.00		0.0	23.1
21	0.17	0.83	0.14	0.00	0.13	0.00			1.90		0.0	22.8
22	0.30	0.77	0.08	0.00	0.09	0.01			1.95		0.2	23.0
23	0.25	0.83	0.11	0.00	0.08	0.00			1.10		0.1	23.5
24	0.35	0.96	0.08	0.00	0.08	0.00			1.78		0.2	23.4
25	0.32	1.00	0.10	0.00	0.09	0.00			1.96		0.7	22.8
26	0.37	1.01	0.08	0.00	0.08	0.00			1.70		0.5	22.4
27	0.33	0.84	0.19	0.00	0.12	0.00			1.75		0.9	22.7
28	0.33	0.90	0.17	0.00	0.12	0.00			1.92		1.0	22.5
29	0.35	0.57	0.16	0.00	0.10	0.00			2.01		0.8	22.4
30	0.35	0.35	0.22	0.00	0.13	0.00			2.13		0.2	22.9
31												
AVERAGE	0.31	0.87	0.14	0.00	0.11	0.00			Monthly Minimum		Total Rainfall	AVG Temp

	0.90		
Number of readings	30	5.09	23.3
For Free Chlorine, # less than 0.2 mg/L	0		
For Chloramines, # less than 0.5 mg/L			

Disinfectant Chloramines? (Y/N) N

KENTUCKY DIVISION OF WATER - DRINKING WATER BRANCH  
 WATER TREATMENT PLANT - MONTHLY OPERATING REPORT

APPLICABLE TO ALL PLANTS WITH FILTRATION

PWS ID : KY0800273  
 PLANT ID: A  
 REPORT MONTH/YEAR: 09/2024

PAGE 6 OF 11

DAY	FILTER OPERATION											
	TOTAL WASH WATER GALLONS	No: 1		No: 2		No: 3		No: 4		No: 5		
		AREA (square feet)	WASHWATER GALLONS	FILT RUN HRS	AREA (square feet)	WASHWATER GALLONS	FILT RUN HRS	AREA (square feet)	WASHWATER GALLONS	FILT RUN HRS	AREA (square feet)	WASHWATER GALLONS
1	18,000	18,000	48.50									
2	0											
3	0											
4	0											
5	26,000					26,000	287.40					
6	27,000							27,000	285.00			
7	23,000									23,000		
8	0											
9	0											
10	0											
11	0											
12	21,000	21,000	312.00									
13	22,000			22,000	336.00							
14	25,000					25,000	215.80					
15	0											
16	12,000									12,000	140.10	
17	0											
18	15,000							15,000	287.00			
19	0											
20	23,000	23,000	192.00									
21	20,000			20,000	192.00							
22	11,000									11,000	138.60	
23	0											
24	17,000	17,000	89.00									
25	0											
26	15,000					15,000	287.40					
27	25,000							25,000	215.90			
28	0											
29	13,000									13,000	168.60	
30	0											
31	0											
TOTAL	313,000	79,000	641.50	42,000	528.00	66,000	790.60	67,000	787.90	59,000	447.30	
AVERAGE	19,563	19,750	160.38	21,000	264.00	22,000	263.53	22,333	262.63	14,750	149.10	

KENTUCKY DIVISION OF WATER - DRINKING WATER BRANCH  
 WATER TREATMENT PLANT - MONTHLY OPERATING REPORT

APPLICABLE TO ALL PLANTS WITH FILTRATION

PWS ID : KY0800273  
 PLANT ID: A  
 REPORT MONTH/YEAR: 09/2024  
 PAGE 6 OF 11

DAY	FILTER OPERATION										
	TOTAL WASH WATER GALLONS	No: <u>6</u>		No: _____		No: _____		No: _____		No: _____	
		AREA (square feet) WASHWATER GALLONS	FILT RUN HRS	AREA (square feet) WASHWATER GALLONS	FILT RUN HRS	AREA (square feet) WASHWATER GALLONS	FILT RUN HRS	AREA (square feet) WASHWATER GALLONS	FILT RUN HRS	AREA (square feet) WASHWATER GALLONS	FILT RUN HRS
1	0										
2	0										
3	0										
4	0										
5	0										
6	0										
7	0										
8	0										
9	0										
10	0										
11	0										
12	0										
13	0										
14	0										
15	0										
16	9,000	9,000	140.10								
17	0										
18	0										
19	0										
20	0										
21	0										
22	11,000	11,000	138.60								
23	0										
24	0										
25	0										
26	0										
27	0										
28	0										
29	13,000	13,000	168.60								
30	0										
31	0										
TOTAL	33,000	33,000	447.30								
AVERAGE	1,065	11,000	149.10								

KENTUCKY DIVISION OF WATER - DRINKING WATER BRANCH  
 WATER TREATMENT PLANT - MONTHLY OPERATING REPORT

ALL WATER SYSTEMS

PWS ID : KY0800273  
 PLANT ID: A

REPORT MONTH/YEAR: 09/2024

PAGE 7 OF 11

DAY	CHEMICALS ADDED		DISTRIBUTION SYSTEM OPERATION								
	CHLORINE BOOSTER LBS	CHLORINE BOOSTER LBS	TEST RESULTS								
			TOTAL (T) AND FREE (F) CHLORINE RESIDUAL (ppm)								
			NORTH		SOUTH		EAST		WEST		
T	F	T	F	T	F	T	F				
1									1.25	1.14	
2			0.75	0.58							
3					0.65	0.55					
4							1.29	1.26			
5									1.32	1.28	
6							1.61	1.58			
7							1.58	1.65			
8			0.77	0.65							
9					0.58	0.50					
10							1.69	1.54			
11									1.11	1.26	
12									1.00	1.12	
13									0.64	0.63	
14							1.77	1.76			
15			0.50	0.37							
16					1.11	1.03					
17							1.65	1.60			
18									1.32	1.00	
19			0.93	0.88							
20							1.60	1.54			
21					0.84	0.73					
22							1.60	1.54			
23							1.51	1.45			
24									1.17	1.02	
25			0.99	0.90							
26							1.14	1.16			
27					0.91	0.78					
28			0.77	0.61							
29							1.46	1.34			
30					0.23	0.23	0.27	0.57	1.30	1.20	
31											
AVERAGE			Average	0.79	0.67	0.72	0.64	1.43	1.42	1.14	1.08
TOTAL			Total	0.50		0.23		0.27		0.64	
			Free		0.37		0.23		0.57		0.63
			Minimum								

Total # Chlorine Samples	6	6	6	6	12	12	8	8
# Less than 0.2 mg/L/0.5 mg/L	0	0	1	0	1	0	0	0

Number of Free Residuals	32	Minimum Monthly Free Residual	0.23
Number of Total Residuals	32	Minimum Monthly Total Residual	0.23
Total # Less than 0.2 mg/L	0		
Total # Less than 0.5 mg/L			

Disinfectant Chloramines? (Y/N) **N**  
 Number of days of operation? **30**

KENTUCKY DIVISION OF WATER - DRINKING WATER BRANCH  
 WATER TREATMENT PLANT - MONTHLY OPERATING REPORT

PWS ID : KY0800273  
 PLANT ID: A

**TURBIDITY REPORT**

**APPLICABLE TO ALL PLANTS WITH FILTRATION**

Report Period (MM/YYYY): 09/2024

PAGE: 8 OF 11

PWS Name: Martin Co. Water District

DAY	Hours Plant Operated	# of Turbidity Samples Required*	Mid - 4 am	4 am - 8 am	8 am - Noon	Noon - 4 pm	4 pm - 8 pm	8 pm - Mid	Daily Maximum
1	24.0	6	0.10	0.09	0.10	0.12	0.15	0.17	0.169
2	24.0	6	0.18	0.11	0.10	0.09	0.09	0.09	0.181
3	24.0	6	0.09	0.09	0.09	0.09	0.09	0.09	0.093
4	24.0	6	0.09	0.09	0.08	0.08	0.08	0.08	0.088
5	24.0	6	0.08	0.08	0.08	0.08	0.08	0.11	0.107
6	24.0	6	0.10	0.11	0.11	0.10	0.10	0.13	0.127
7	24.0	6	0.12	0.12	0.12	0.12	0.11	0.12	0.122
8	24.0	6	0.11	0.11	0.11	0.11	0.13	0.13	0.132
9	24.0	6	0.14	0.15	0.15	0.14	0.14	0.15	0.149
10	24.0	6	0.15	0.15	0.15	0.14	0.14	0.21	0.206
11	24.0	6	0.15	0.15	0.16	0.15	0.15	0.14	0.155
12	24.0	6	0.13	0.13	0.12	0.12	0.14	0.13	0.140
13	24.0	6	0.12	0.12	0.12	0.11	0.11	0.12	0.123
14	24.0	6	0.12	0.11	0.11	0.11	0.10	0.12	0.120
15	24.0	6	0.12	0.12	0.12	0.11	0.11	0.11	0.119
16	24.0	6	0.11	0.11	0.11	0.10	0.16	0.11	0.160
17	24.0	6	0.10	0.10	0.10	0.10	0.09	0.09	0.101
18	24.0	6	0.09	0.09	0.09	0.09	0.09	0.10	0.100
19	24.0	6	0.10	0.10	0.10	0.09	0.09	0.09	0.102
20	24.0	6	0.09	0.09	0.09	0.09	0.09	0.09	0.091
21	24.0	6	0.09	0.09	0.09	0.09	0.08	0.09	0.090
22	24.0	6	0.09	0.09	0.08	0.11	0.09	0.09	0.110
23	24.0	6	0.08	0.08	0.08	0.08	0.08	0.08	0.084
24	24.0	6	0.08	0.08	0.08	0.08	0.08	0.08	0.083
25	24.0	6	0.08	0.08	0.08	0.08	0.08	0.08	0.078
26	24.0	6	0.08	0.07	0.07	0.07	0.07	0.08	0.077
27	24.0	6	0.07	0.07	0.07	0.08	0.08	0.08	0.083
28	24.0	6	0.08	0.08	0.08	0.08	0.08	0.08	0.083
29	24.0	6	0.08	0.08	0.08	0.10	0.10	0.09	0.101
30	24.0	6	0.09	0.09	0.09	0.09	0.09	0.09	0.088
31	0.0	0							0.000
Total	720.0	180						180	0.206

TOTAL # OF TURBIDITY SAMPLES TAKEN --

ARE YOU USING EITHER CONVENTIONAL or DIRECT FILTRATION? (Y/N) Y

(Any type of filtration besides slow sand)

Number of samples exceeding ----> 0.1 NTU 77 0.3 NTU 0 1 NTU 0

For slow sand filtration, the number of samples exceeding ---> 1 NTU \_\_\_\_\_ 5 NTU \_\_\_\_\_

\*NOTE: The "Number of Turbidity Samples Required" is the number of hours the plant operated divided by 4 rounded up to the next whole number.

I certify that the above turbidity readings were taken every 4 hours during plant operation and in the time frames noted above.

Recoverable Signature

X Michael Sartin

Signed by: Drinking Water Safe Compliance

Signature of Principal Executive Officer or Authorized Agent

Date \_\_\_\_\_



KENTUCKY DIVISION OF WATER - DRINKING WATER BRANCH  
 WATER TREATMENT PLANT - MONTHLY OPERATING REPORT

APPLICABLE TO ALL PLANTS

PWS ID : KY0800273

PLANT ID: A

REPORT MONTH/YEAR: 09/2024

COLUMN HEADINGS MAY BE CHANGED BASED UPON DATA

PAGE 11 OF 11

		ADDITIONAL DATA									
		Plant to Distribution									
DAY											
1	1 555 000										
2	1 573 000										
3	1 553 000										
4	1 507 000										
5	1 561 000										
6	1 560 000										
7	1 515 000										
8	1 510 000										
9	1 547 000										
10	1 521 000										
11	1 536 000										
12	1 562 000										
13	1 535 000										
14	1 465 000										
15	1 420 000										
16	1 433 000										
17	1 453 000										
18	1 489 000										
19	1 522 000										
20	1 462 000										
21	1 516 000										
22	1 546 000										
23	1 556 000										
24	1 402 000										
25	1 253 000										
26	1 415 000										
27	1 472 000										
28	1 451 000										
29	1 400 000										
30	1 377 000										
31											
TOTAL	44 669 000		0.0		0.0		0.0		0.0		0.0
AVERAGE	1 488 967										

**KENTUCKY DIVISION OF WATER / DRINKING WATER BRANCH  
MONTHLY OPERATING REPORT (MOR) PLANT SUMMARY FORM**

PWS ID KY0800273

MONITORING PERIOD (MMYYYY) **09/2024**

**NOTE: COMPLETE ALL APPLICABLE FIELDS!!! NOT ALL OF THE FIELDS ARE PRE-POPULATED FOR YOU!!!**

PLANT INFORMATION			
APPLICABLE TO ALL PLANTS			
PLANT ID <u>A</u>	TOTAL WATER TREATED (gallons)	<u>45,647,000</u>	
PLANT NAME <u>Martin County Water Plant</u>	AVE. DAILY PRODUCTION (gallons)	<u>1,521,567</u>	
AGENCY INTEREST <u>2987</u>	MAXIMUM PUMPAGE (gallons per day)	<u>1,718,000</u>	

INDIVIDUAL FILTER EFFLUENT TURBIDITY	
APPLICABLE TO ALL PLANTS WITH FILTRATION	
ANALYTE CODE <u>0100</u>	
Was each filter monitored continuously? (Y/N) _____	<input checked="" type="checkbox"/> Y
Were measurements recorded every 15 minutes? (Y/N) _____	<input checked="" type="checkbox"/> Y
Was there a failure of the continuous monitoring equipment? (Y/N) _____	<input type="checkbox"/> N
If Yes, (1) were individual filter effluent turbidity grab samples collected every four hours of operation? (Y/N) _____	<input type="checkbox"/>
(2) was the continuously monitoring equipment repaired within 5 working days? (Y/N) _____	<input type="checkbox"/>
Was individual filter level greater than 1.0 NTU in two consecutive measurements? (Y/N) _____	<input type="checkbox"/> N
Was individual filter level greater than 0.5 NTU in two consecutive measurements after on line for more than four hours? (Y/N) _____	<input type="checkbox"/> N
Was individual filter level greater than 1.0 NTU in two consecutive measurements in three consecutive months? (Y/N) _____	<input type="checkbox"/> N
Was individual filter level greater than 2.0 NTU in two consecutive measurements in two consecutive months? (Y/N) _____	<input type="checkbox"/> N
<b>If any of the last 4 boxes are YES, fill out the Individual Filter Turbidity Sheet and submit with the MOR</b>	

COMBINED FILTER EFFLUENT TURBIDITY		ENTRY POINT RESIDUAL DISINFECTANT CONCENTRATION	
APPLICABLE TO ALL PLANTS WITH FILTRATION		APPLICABLE TO ALL PLANTS	
ANALYTE CODE <u>0100</u>	ANALYTE CODE <u>0999</u>		
Number of hours of plant operation <u>720.0</u>	Number of days of plant operation <u>30</u>		
Were samples taken every 4 hours of plant operation? (Y/N) <input checked="" type="checkbox"/>	Were samples taken each day of operation? (Y/N) <input checked="" type="checkbox"/>		
Number of samples taken <u>180</u>	Number of lowest chlorine samples recorded <u>30</u>		
Highest single turbidity reading <u>0.21</u>	Lowest single chlorine reading <u>0.90</u>		
For all filtration except slow sand filtration:	If less than required:		
Number of samples exceeded 0.1 NTU <u>77</u>	Was residual restored within 4 hours of plant operation? (Y/N) <input type="checkbox"/>		
Number of samples exceeded 0.3 NTU <u>0</u>	<u>Free Chlorine</u> (for all disinfectants except chloramine):		
Number of samples exceeded 1 NTU <u>0</u>	Number of samples under 0.2 mg/L <u>0</u>		
When filtration is slow sand filtration:	<u>Total Chlorine</u> (when disinfectant is Chloramine):		
Number of samples exceeded 1 NTU _____	Number of samples under 0.5 mg/L _____		
Number of samples exceeded 5 NTU _____			

CHLORINE DIOXIDE ENTRY POINT MONITORING		CHLORITE ENTRY POINT MONITORING	
APPLICABLE TO PLANTS UTILIZING CHLORINE DIOXIDE		APPLICABLE TO PLANTS UTILIZING CHLORINE DIOXIDE	
ANALYTE CODE <u>1008</u>	ANALYTE CODE <u>1009</u>		
Number of days of plant operation <u>30</u>	Number of days of plant operation <u>30</u>		
Were samples taken each day of operation? (Y/N) <input type="checkbox"/>	Were samples taken each day of operation? (Y/N) <input type="checkbox"/>		
Number of samples taken <u>0</u>	Number of samples taken <u>0</u>		
Highest single chlorine dioxide reading <u>0.00</u>	Highest single chlorite reading <u>0.00</u>		
Number of chlorine dioxide samples exceeded 0.8 mg/L <u>0</u>	Number of chlorite samples exceeded 1 mg/L <u>0</u>		

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein. Based on my inquiry of those individuals immediately responsible for obtaining the information, the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. Violations of 401 KAR Chapter 8 are subject to severe penalties prescribed in KRS 224.99-010, up to \$25,000 fine per day per violation and in some cases a violation may subject the violator to prison.

Recoverable Signature

X Michael Sartin

Date \_\_\_\_\_

Signed by: Drinking Water Supv Compliance ed Agent





Use this page to make note of any unusual conditons

Date

Reference Page

Comments

# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility: Martin County Water District

For the Month of: September Year: 2024

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED AND PURCHASED</b>	
2	Water Produced	44,669
3	Water Purchased	
4	<b>TOTAL PRODUCED AND PURCHASED</b>	<b>44,669</b>
5		
6	<b>WATER SALES</b>	
7	Residential	11,022
8	Commercial	3,224
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	2,333
13	Other Sales (explain)	
14	<b>TOTAL WATER SALES</b>	<b>16,579</b>
15		
16	<b>OTHER WATER USED</b>	
17	Utility and/or Water Treatment Plant	346
18	Wastewater Plant	
19	System Flushing	101
20	Fire Department	-
21	Other Usage (explain) <u>Plant Usage</u>	149
22	<b>TOTAL OTHER WATER USED</b>	<b>596</b>
23		
24	<b>WATER LOSS</b>	
25	Tank Overflows	
26	Line Breaks	7,721
27	Line Leaks	19,773
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	<b>TOTAL WATER LOSS</b>	<b>27,494</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)	61.55%

**MARTIN COUNTY WATER & SANITATION DISTRICT**  
**LEAK ADJUSTMENT REQUESTS**  
**10/7/2024**

busted meter, no fault to customer

BILLED GALLONS/COST	34	56.42
AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH C	(1,966)	-3.93
<b>PAY (avg+leak cost)</b>		37.49
<b>WRITE OFF (billed-avg-purch cost)</b>		18.93
LATE PENALTIES TO ADJ		0.00

**18.93**

repaired leak under floor

BILLED GALLONS/COST	11,230	138.24
AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH C	9,230	18.46
<b>PAY (avg+leak cost)</b>		59.88
<b>WRITE OFF (billed-avg-purch cost)</b>		78.36
LATE PENALTIES TO ADJ		0.00
SEWER	11,230	169.70
AVG SEWER/BILL	2,000	33.00
LEAK SWR ADJ	9,230	136.70
SWR PAY (AVG-LEAK)		33.00
SWR WRITE OFF		136.70
SWR PENALTIES TO ADJ		0.00

**215.06**

repaired leak between meter and home

BILLED GALLONS/COST	7,870	103.00
AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH C	5,870	11.74
<b>PAY (avg+leak cost)</b>		53.16
<b>WRITE OFF (billed-avg-purch cost)</b>		49.84
LATE PENALTIES TO ADJ		0.00
SEWER	7,870	119.93
AVG SEWER/BILL	2,000	33.00
LEAK SWR ADJ	5,870	86.93
SWR PAY (AVG-LEAK)		33.00
SWR WRITE OFF		86.93
SWR PENALTIES TO ADJ		0.00

**136.77**

repaired broken line underground

BILLED GALLONS/COST	9,270	117.68
BILLED GALLONS/COST	8,480	109.40
AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH C	7,270	14.54
LEAK GALLONS/PURCH C	6,480	12.96

PAY (avg+leak cost)		110.34
WRITE OFF (billed-avg-purch cost)		116.74
LATE PENALTIES TO ADJ		0.00

116.74

replaced broken yard spigot

BILLED GALLONS/COST	11,380	139.82
BILLED GALLONS/COST	9,740	122.61
AVG GALLONS/BILL	5,000	72.89
LEAK GALLONS/PURCH C	6,380	12.76
LEAK GALLONS/PURCH C	4,740	9.48
PAY (avg+leak cost)		85.65
WRITE OFF (billed-avg-purch cost)		94.41
LATE PENALTIES TO ADJ		0.00
SEWER	11,380	171.92
SEWER	9,740	147.63
AVG SEWER/BILL	5,000	77.43
LEAK SWR ADJ	6,380	94.49
LEAK SWR ADJ	4,740	70.20
SWR PAY (AVG-LEAK)		154.86
SWR WRITE OFF		164.69
SWR PENALTIES TO ADJ		0.00

259.10

storage tank had busted

BILLED GALLONS/COST	54,310	590.15
BILLED GALLONS/COST	36,010	398.18
AVG GALLONS/BILL	10,000	125.34
LEAK GALLONS/PURCH C	44,310	88.62
LEAK GALLONS/PURCH C	26,010	52.02
PAY (avg+leak cost)		391.32
WRITE OFF (billed-avg-purch cost)		597.01
LATE PENALTIES TO ADJ		0.00

597.01

repaired busted line under concrete

**GOVERNMENTAL**

BILLED GALLONS/COST	111,060	1185.46
BILLED GALLONS/COST	33,380	370.60
AVG GALLONS/BILL	13,000	156.81
LEAK GALLONS/PURCH C	98,060	196.12
LEAK GALLONS/PURCH C	20,380	40.76
PAY (avg+leak cost)		352.93
WRITE OFF (billed-avg-purch cost)		1005.56
LATE PENALTIES TO ADJ		0.00
SEWER	111,060	1648.18
SEWER	33,380	497.74
AVG SEWER/BILL	13,000	195.91
LEAK SWR ADJ	98,060	1452.27
LEAK SWR ADJ	20,380	301.83
SWR PAY (AVG-LEAK)		391.82

SWR WRITE OFF		1,754.10	
SWR PENALTIES TO ADJ		0.00	<b>2,759.66</b>

repaired water line break

BILLED GALLONS/COST	25,540	288.35	
AVG GALLONS/BILL	6,000	83.38	
LEAK GALLONS/PURCH C	19,540	39.08	
<b>PAY (avg+leak cost)</b>		122.46	
<b>WRITE OFF (billed-avg-purch cost)</b>		165.89	
LATE PENALTIES TO ADJ		0.00	<b>165.89</b>

bad leak near pool

BILLED GALLONS/COST	32,920	365.77	
BILLED GALLONS/COST	16,980	198.56	
AVG GALLONS/BILL	5,000	72.89	
LEAK GALLONS/PURCH C	27,920	55.84	
LEAK GALLONS/PURCH C	11,980	23.96	
<b>PAY (avg+leak cost)</b>		128.73	
<b>WRITE OFF (billed-avg-purch cost)</b>		338.75	
LATE PENALTIES TO ADJ		0.00	
SEWER	32,920	490.93	
SEWER	16,980	254.85	
AVG SEWER/BILL	5,000	77.43	
LEAK SWR ADJ	27,920	413.50	
LEAK SWR ADJ	11,980	177.42	
SWR PAY (AVG-LEAK)		154.86	
SWR WRITE OFF		590.92	
SWR PENALTIES TO ADJ		0.00	<b>929.67</b>

repaired broken line between meter and home

BILLED GALLONS/COST	55,780	605.57	
BILLED GALLONS/COST	16,690	195.52	
AVG GALLONS/BILL	8,000	104.36	
LEAK GALLONS/PURCH C	47,780	95.56	
LEAK GALLONS/PURCH C	8,690	17.38	
<b>PAY (avg+leak cost)</b>		321.66	
<b>WRITE OFF (billed-avg-purch cost)</b>		479.43	
LATE PENALTIES TO ADJ		0.00	<b>479.43</b>

repaired toilet

BILLED GALLONS/COST	14,950	177.27	
AVG GALLONS/BILL	6,000	83.38	
LEAK GALLONS/PURCH C	8,950	17.90	
<b>PAY (avg+leak cost)</b>		101.28	
<b>WRITE OFF (billed-avg-purch cost)</b>		75.99	
LATE PENALTIES TO ADJ		0.00	<b>75.99</b>

repaired toilet

BILLED GALLONS/COST	8,670	111.39
AVG GALLONS/BILL	5,000	72.89
LEAK GALLONS/PURCH C	3,670	7.34
<b>PAY (avg+leak cost)</b>		80.23
<b>WRITE OFF (billed-avg-purch cost)</b>		31.16
LATE PENALTIES TO ADJ		0.00

31.16

repaired broken line

BILLED GALLONS/COST	26,580	299.26
BILLED GALLONS/COST	16,160	189.96
AVG GALLONS/BILL	6,000	83.38
LEAK GALLONS/PURCH C	20,580	41.16
LEAK GALLONS/PURCH C	10,160	20.32
<b>PAY (avg+leak cost)</b>		228.24
<b>WRITE OFF (billed-avg-purch cost)</b>		260.98
LATE PENALTIES TO ADJ		0.00

260.98

repaired toilet

BILLED GALLONS/COST	64,660	698.72
AVG GALLONS/BILL	6,000	83.38
LEAK GALLONS/PURCH C	58,660	117.32
<b>PAY (avg+leak cost)</b>		200.70
<b>WRITE OFF (billed-avg-purch cost)</b>		498.02
LATE PENALTIES TO ADJ		0.00

498.02

meter change out; meter would not register and could not be tested; no fault to customer

BILLED GALLONS/COST	11,160	137.51
AVG GALLONS/BILL	3,000	51.91
LEAK GALLONS/PURCH C	8,160	16.32
<b>PAY (avg+leak cost)</b>		68.23
<b>WRITE OFF (billed-avg-purch cost)</b>		85.60
LATE PENALTIES TO ADJ		0.00
SEWER	11,160	168.66
AVG SEWER/BILL	3,000	47.81
LEAK SWR ADJ	8,160	120.85
SWR PAY (AVG-LEAK)		47.81
SWR WRITE OFF		120.85
SWR PENALTIES TO ADJ		0.00

206.45

repaired broken line

BILLED GALLONS/COST	63,390	685.40
BILLED GALLONS/COST	45,500	497.74
AVG GALLONS/BILL	14,000	167.30
LEAK GALLONS/PURCH C	49,390	98.78
LEAK GALLONS/PURCH C	31,500	63.00
<b>PAY (avg+leak cost)</b>		496.38

<b>WRITE OFF (billed-avg-purch cost)</b>		686.76
LATE PENALTIES TO ADJ		0.00

**686.76**

repaired leak under home

BILLED GALLONS/COST	40,000	440.04
BILLED GALLONS/COST	17,000	198.77
AVG GALLONS/BILL	4,000	62.40
LEAK GALLONS/PURCH C	36,000	72.00
LEAK GALLONS/PURCH C	13,000	26.00
<b>PAY (avg+leak cost)</b>		222.8
<b>WRITE OFF (billed-avg-purch cost)</b>		416.01
LATE PENALTIES TO ADJ		0.00

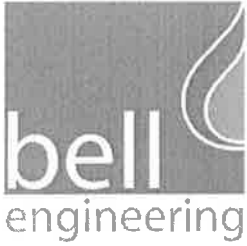
**416.01**

repaired leak in bathroom

BILLED GALLONS/COST	37,480	413.61
BILLED GALLONS/COST	21,890	250.07
AVG GALLONS/BILL	4,000	62.40
LEAK GALLONS/PURCH C	33,480	66.96
LEAK GALLONS/PURCH C	17,890	35.78
<b>PAY (avg+leak cost)</b>		227.54
<b>WRITE OFF (billed-avg-purch cost)</b>		436.14
LATE PENALTIES TO ADJ		25.01

**461.15**





**MEETING AGENDA**  
**PROGRESS MTG #58**  
**MARTIN COUNTY WATER DISTRICT**  
**MARTIN COUNTY, KENTUCKY**  
**October 8, 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
<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.  
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. Units 1, 2 and 3 at the plant are operating and producing water.
34. The only item remaining is to bring the pump online at the raw water intake.
35. Pace is onsite today working on finalizing the intake screen and pump station connection. They hope to complete this by the end of this week.

## 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. Construction began on July 1, 2024.
28. All new mainline, service line and meters have been installed.
29. All customers have been moved over to the new line and the old line has been disconnected.
30. Two hydrants from the old line are still to be removed and approximately 7 line markers remain to be installed.
31. Clean-up, seeding and strawing are underway.
32. Contractor is estimating paving should take approximately one week to complete and may begin as early as next week.

### **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. 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 to complete the work as soon as all components have been delivered.

**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 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 has been prepared. Plans have been submitted to AML for environmental review.



- 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. Bids for the project were opened on October 3, 2024.
  2. There were a total of nine planholders and five bids were submitted.
  3. The apparent low bid was submitted by Boca Enterprises.
  4. An official bid tabulation and bid review letter are being prepared and will be forwarded to the District.
  5. The project should move to construction within the next 1-2 months.
- 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 is preparing the new waterline alignment to accommodate KYTC's latest plans.
- 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 2<sup>nd</sup>.
6. The project will follow the following bid schedule –
  - Send to Lynn Imaging – this week
  - Advertise in Local Paper – October 16<sup>th</sup>
  - Open Bids – November 5<sup>th</sup> @ 1:00 p.m.

**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. AML has requested an application be submitted for fiscal year 2025 funding.

**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 HIGH SCHOOL. 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.
<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

CASELL BRANCH WATER LINE REPLACEMENT AND BOOSTER STATION REHABILITATION	3		\$	1,574,000.00	EXISTING BOOSTER STATION ONLY HAS 1 FUNCTIONAL PUMP. NO TELEMTRY 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 TELEMTRY 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 TELEMTRY 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	

RESOLUTION

A RESOLUTION APPROVING AND AUTHORIZING AN ASSISTANCE AGREEMENT BETWEEN THE MARTIN COUNTY WATER DISTRICT AND THE KENTUCKY INFRASTRUCTURE AUTHORITY TO PROVIDE UP TO \$299,250 OF LOAN FUNDS FOR PROJECT NUMBER F24-022L.

WHEREAS, the Board of Directors (the "Governing Authority") of the Martin County Water District, (the "Borrower") has previously determined that it is in the public interest to acquire and construct certain facilities and improvements (the "Project") to the Borrower's water system (the "System"); and

WHEREAS, the Borrower has made application to the Kentucky Infrastructure Authority (the "Authority") for the purpose of providing monies to construct the Project; and

WHEREAS, in order to obtain such monies, the Borrower is required to enter into an Assistance Agreement with the Authority (the "Assistance Agreement");

NOW, THEREFORE, IT IS RESOLVED by the Martin County Water District, as follows:

SECTION 1. That the Governing Authority hereby approves and authorizes the Assistance Agreement between the Borrower and the Authority regarding Project Number F24-022L substantially in the form on file with the Borrower for the purpose of providing the necessary financing to the Borrower for the Project.

SECTION 2. That the Chair and District Clerk of the Borrower be and hereby are authorized, directed, and empowered to execute necessary documents or agreements, and to otherwise act on behalf of the Borrower to effect such financing.

SECTION 3. That this resolution shall take effect at the earliest time provided by law.

ADOPTED on \_\_\_\_\_.

\_\_\_\_\_  
Chair

Attest:

\_\_\_\_\_  
District Clerk



CERTIFICATE

I, the undersigned, hereby certify that I am the duly qualified and acting District Clerk of the Martin County Water District (the "Borrower"); that the foregoing is a full, true and correct copy of a Resolution adopted by the governing authority of the Borrower at a meeting duly held on \_\_\_\_\_, 2024; that the official action appears as a matter of public record in the official records or journal of the governing authority; that the meeting was held in accordance with all applicable requirements of Kentucky law, including Sections 61.805 to 61.850, inclusive, of the Kentucky Revised Statutes; that a quorum was present at the meeting; that the official action has not been modified, amended, revoked, or repealed and is now in full force and effect.

IN TESTIMONY WHEREOF, witness my signature this \_\_\_\_\_, 2024.

---

District Clerk



October 17, 2024

Mr. Todd Adams  
Alliance Water Resources  
115 E Main Street  
Inez, Kentucky 41224

Subject: **Review of Bids**  
**113-23-02 Sester Branch Utility Relocation**  
**Inez, Martin County, Kentucky**

Dear Adams,

We are pleased to submit our review of bids for award of the subject contract. After the bid opening on October 3, 2024 Bell Engineering reviewed, mathematically checked and tabulated all bids received. A copy of the Bid Tabulation is enclosed for your review and acceptance as desired.

**Bid Opening**

The low base bid submitted by Boca Enterprises, Inc. was in the amount of \$34,900.00  
The bid results are tabulated in the table below:

**SUMMARY OF BID RESULTS**

<b>BIDDER RANK</b>	<b>BIDDER NAME</b>	<b>BID AMOUNT</b>
1	Boca Enterprises, Inc.	\$34,900.00
2	Precision, Inc	\$47,520.00
3	Utility & Environmental Concepts LLC	\$55,000.00
4	Jones Contracting LLC	\$67,425.00
5	MGM Contracting LLC	\$69,500.00

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Mr. Adams  
October 17, 2024  
Page 2

### **Information Concerning the Low Bidder**

A search of information filed with the Kentucky Secretary of State indicated the low bidder, Boca Enterprises, Inc. has been in business since 1998. The listed address of business for the company is 7435 KY Route 321, Hagar Hill, Kentucky 41222.

The Contractor has performed past work for the Martin County Water District including most recently construction of the Water Line Replacement Project in the Lovely Area. The work performed on this project was acceptable in nature.

### **Closure**

Given the information available, it is our professional opinion the Contractor is capable of performing the work at the unit prices bid. Should the District wish to award the project to BOCA, we recommend it be awarded with a construction amount of \$34,900.00. Any award should be contingent on funding agency concurrence.

Should you have any questions about this or any other matter, please do not hesitate to call. We may be reached at 859-278-5412.

Sincerely,  
BELL ENGINEERING



Stephen H. Caudill, P.E.  
Vice President

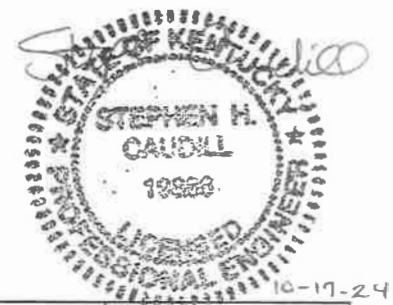
Enclosure

CONTRACT 113-23-02 SESTER BRANCH UTILITY  
RELOCATION PROJECT  
MARTIN COUNTY WATER DISTRICT  
INEZ, KENTUCKY

We certify that the following is true and complete tabulation of all bids received by the Martin County Water District on October 3, 2024, for the titled project.

BELL ENGINEERING

*Steph Cardillo*



ITEM NO.	ITEM	QUANTITY	UNIT	Boca Enterprises Inc. 7435 KY Route 321 Haager Hill, Kentucky 41222		Precision Inc. 5188 Highway 119 North Whitesburg, Kentucky 41858		Utility and Environmental Concepts LLC 5808 Lower Kinney Road Vanceburg, Kentucky 41179		Jones Contracting LLC 14261 Highway 550 East Lackey, Kentucky 41643		MGM Contracting Inc. 2096 Elkhorn Creek Elkhorn City, Kentucky 41522	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1.	2-Inch SDR 17 PVC Pipe, Furnishing, Trenching, Bedding, Laying, Backfilling, Ductile Iron, Mechanical Joint Fittings and Copper Tracer Wire, Unclassified Excavation, Complete	100	L.F.	\$8.00	\$800.00	\$46.00	\$4,600.00	\$25.00	\$2,500.00	\$43.00	\$4,300.00	\$40.00	\$4,000.00
2.	Test Meter Assembly, Furnish and Install, Unclassified Excavation, Complete	1	Each	\$3,200.00	\$3,200.00	\$3,320.00	\$3,320.00	\$5,500.00	\$5,500.00	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00
3.	Cut and Tie-in to Existing 2-Inch PVC, Including Removing Plug, Complete	2	Each	\$3,000.00	\$6,000.00	\$2,200.00	\$4,400.00	\$5,500.00	\$11,000.00	\$2,600.00	\$5,200.00	\$4,000.00	\$8,000.00
4.	Blowoff Assembly, Furnish and Install, Unclassified Excavation, Complete	1	Each	\$2,500.00	\$2,500.00	\$2,200.00	\$2,200.00	\$7,500.00	\$7,500.00	\$3,600.00	\$3,600.00	\$3,000.00	\$3,000.00
5.	Line Marker, Furnish and Install, Complete	5	Each	\$100.00	\$500.00	\$100.00	\$500.00	\$100.00	\$500.00	\$125.00	\$625.00	\$100.00	\$500.00
6.	2-Inch Mechanical Joint, Resilient Seated Gate Valve and Box, Including Concrete Valve Box Collar, Furnished and Install, Unclassified Excavation, Complete	3	Each	\$1,800.00	\$5,400.00	\$1,500.00	\$4,500.00	\$1,000.00	\$3,000.00	\$1,900.00	\$5,700.00	\$4,000.00	\$12,000.00
7.	3-Inch Class 250 Polyethylene Pipe Installed by Directional Drill, including Transition Fittings, Complete	1	L.S.	\$16,500.00	\$16,500.00	\$28,000.00	\$28,000.00	\$25,000.00	\$25,000.00	\$43,000.00	\$43,000.00	\$36,000.00	\$36,000.00
<b>TOTAL BID CONTRACT 113-23-02</b>					<b>\$34,900.00</b>		<b>\$47,520.00</b>		<b>\$55,000.00</b>		<b>\$67,425.00</b>		<b>\$69,500.00</b>