



## BRIAN CUMBO

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ADMITTED IN KY AND WV

July 8, 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 June 25, 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**

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Comes the Martin County Water District, by counsel, and hereby gives Notice of Filing of the attached information packet for the Martin District Board meeting on June 25, 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 8<sup>th</sup> day of July, 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, June 25, 2024 – 6:00 p.m.**  
**Martin County Government Center (2<sup>nd</sup> Floor)**

- 1) Call the meeting to order
- 2) Review and Consideration to Approve Minutes
- 3) Review and Consideration of Financial Reports
  - A. Review and Consideration to Approve Treasurer's Report
  - B. Review and Consideration to Approve Other Financials
- 4) Review and Consideration to Approve Bills
- 5) Legal
  - A. Any Issues for Discussion with Board Attorney
- 6) Operations
  - A. Alliance Operations Report
  - B. Water Loss Report
  - C. Leak Adjustments
- 7) Capital Projects Report
  - A. Project Updates
  - B. 5 Year CIP
- 8) Other Old Business
- 9) Other New Business
- 10) Consider Motion to Convene into Closed Executive Session
- 11) Consider Motion to Close Executive Session
- 12) Introduction of Guest-Five (5) Minute Maximum
- 13) Adjourn

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

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

**Presiding:** James Kerr, Chairman

**Present:** Directors: BJ Slone, John Hensley, Greg Crum, Nina McCoy  
Staff: Brian Cumbo (Attorney), Todd Adames (DM), Colby May (LM),  
Cassandra Moore, Erica Bogenpohl

**Guests:**

The Special Meeting of the Martin County Water District was held on May 30, 2024, at the Martin County Government Center, at 42 East Main St (2<sup>nd</sup> Floor), Inez, Kentucky 41224. Mr. Kerr called the meeting to order at 6:00 p.m.

**Mr. Kerr called for review of the April 23, 2024, Regular Board Meeting minutes.**

- Mr. Hensley motioned to accept the April 23, 2024 minutes
- Mr. Slone seconded
- All ayes
- Motion carried

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

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

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

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

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

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

- Todd Adames started as the new Divisional Manger on April 29<sup>th</sup>
- Colby May started as the new Local Manager on May 8<sup>th</sup>
- Currently averaging 5 and half hours of pumping per day to prison
- Token machine at Spicy Mountain is now working and customers can purchase tokens at the billing office

**Mrs. Bogenpohl presented an update of the water loss report.**

- Water loss was reported at **73.83%** for the month of April 2024

**Mr. Kerr presented the Board with the May Leak Adjustments.**

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

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

- The RWI trailer is scheduled to be delivered on Monday June 3<sup>rd</sup> and installation to follow the next week
- Pace will be on sight for the couple weeks with the RWI trailer and installing two settlers at the plant
- The Beauty and Lovely Line Replacement construction is schedule to start on June 10<sup>th</sup>

**Mr. Kerr presented the 5-year CIP**

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

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

- Staff presented the Board with the annual Identity Theft Prevention Program. In compliance with the identity Theft Prevention Program (Red Flag Rule) adopted by the Board April 29, 2020, a report should be prepared annually and submitted to the Board of Directors. For the period ending December 31, 2023, the District has had no identity theft incidents to report. After review of the Identity Theft

Protection Program, staff recommends no revisions are necessary to the current program at this time. Staff remains diligent in protecting sensitive customer information in our files and watchful of anyone suspected of fraudulent use of a customer or potential customer's identity. Security measures are in place to ensure that sensitive information is shared only with the correct customer. Staff requests your acknowledgement that this annual report has been submitted.

- Staff asked the Board to appoint DM Todd Adames as Bond Compliance Officer
- Mr. Hensley motioned to approve DM Todd Adames as Bond Compliance Officer
- Mr. Crum seconded
- All ayes
- Motion carried

**Executive session not required.**

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

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

- Mr. Hensley motioned to adjourn the meeting at 6:11 p.m.
- Mr. Crum seconded
- All ayes
- Motion Carried

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

\_\_\_\_\_  
James Kerr, Chairman

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

**Martin County Water District**  
**Balance Sheet**  
**May 31, 2024**

5/31/24

**ASSETS**

**CURRENT ASSETS**

Checking Account - Operations	\$	29,196.95
Revenue Fund - EFT		7,649.45
Debt Service Surcharge Fund		1,000.09
Management Infrastructure Surcharge Fund		1,000.15
Security Deposits		102,554.43
Cash on Hand		900.00
<b>Total Cash</b>		<b>142,301.07</b>
Accounts Receivable		369,146.62
Allowance for Doubtful Accounts		(42,875.56)
Unbilled Accounts Receivable		46,933.00
Inventory		4,249.44
Prepaid Expenses		11,790.76
<b>Total Current Assets</b>		<b>531,545.33</b>

**PROPERTY, PLANT, & EQUIPMENT**

Land	214,713.83
Water Supply & Distribution System	28,451,346.09
Buildings	500,263.89
Equipment & Furniture	6,182,789.96
Vehicles	47,635.45
Construction Work in Progress	289,779.08
Leased Assets	33,934.71
Less: Accumulated Amortization - ROU leased asset	(22,886.22)
Less: Accumulated Depreciation	(19,254,987.22)
<b>Net Property, Plant, &amp; Equipment</b>	<b>16,442,589.57</b>

**RESTRICTED CASH**

Grant Fund	63.07
Sinking Fund - RD	9,810.98
Regions Sinking Fund	63,928.79
KIA Sinking Fund	7,888.86
KACO Sinking Fund	3,046.23
Depreciation Fund	1,022.58
Cost of Issuance Fund 2022	2,098.00
Accrued Interest Receivable	276.00
<b>Total Restricted Cash</b>	<b>88,134.51</b>

**Total Assets** **\$ 17,062,269.41**



**Martin County Water District**  
**Balance Sheet**  
**May 31, 2024**

5/31/24
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**LIABILITIES AND DISTRICT'S EQUITY**

**CURRENT LIABILITIES**

Accounts Payable	\$	320,144.79
Sales Tax Payable		2,544.14
School Tax Payable		6,481.15
Current Portion of Lease Liabilities		9,869.98
Long Term Debt-Current		50,691.96
Accrued Interest Payable		24,749.12
Customer Deposits		100,457.29
<b>Total Current Liabilities</b>		<b><u>514,938.43</u></b>

**LONG-TERM DEBT**

Lease Liability - Rent		11,949.22
Lease Payable - KACO		11,221.96
Bonds Payable - 2015 E Current Refunding		1,520,000.00
Bonds Premium - 2015 E, Net of A/Amort		15,538.50
Note Payable - KIA WMAF		1,306,725.83
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><u>2,827,324.57</u></b>

**Total Liabilities**

**3,342,263.00**

**DISTRICT'S EQUITY**

Retained Earnings (Deficit)		14,016,387.87
YTD Net Income		(296,381.46)
<b>Total District's Equity</b>		<b><u>13,720,006.41</u></b>

**Total Liabilities and District's Equity**

**\$ 17,062,269.41**

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

<u>May, 2024</u>			<u>YTD</u>		<u>Annual</u>
<u>Actual</u>	<u>Budget</u>		<u>Actual</u>	<u>Budget</u>	<u>Budget</u>
		<b>Operating Revenues</b>			
\$ 175,678	\$ 175,833	Water Sales - Residential	\$ 869,977	\$ 879,165	\$ 2,110,000
33,869	29,167	Water Sales - Commercial	171,111	145,835	350,000
7,290	10,417	Water Sales - Public Authorities	31,666	52,081	125,000
97	33	Bulk Water Sales	314	169	400
-	2,215	Connection Fees - Tap	6,076	11,075	26,580
6,749	4,583	Late Charge Fees	34,273	22,915	55,000
2,251	1,955	Reconnect/Meter Sets/Other Fees	11,756	9,780	23,465
8,671	8,917	Debt Service Surcharge	43,509	44,585	107,000
15,562	15,673	Management Infrastructure Surcharge	78,084	78,370	188,081
90	-	Miscellaneous Income	180	-	-
<u>250,256</u>	<u>248,793</u>	<b>Total Operating Revenues</b>	<u>1,246,944</u>	<u>1,243,975</u>	<u>2,985,526</u>
		<b>Operating Expenses</b>			
(419)	2,500	Water Purchased	43,457	12,500	30,000
168,507	168,507	Management & Operations Contract	842,535	842,535	2,022,084
22,274	27,917	Utilities	111,855	139,585	335,000
2,396	2,500	Insurance	10,552	12,500	30,000
19,713	9,167	Repairs & Maintenance	141,165	45,831	110,000
-	83	Outside Services	37	419	1,000
288	833	Legal Expenses	2,950	4,169	10,000
-	-	Accounting/Audit	8,125	8,000	8,000
3,750	3,750	Bad Debts	18,750	18,750	45,000
-	-	Bond Trustee Fees	900	500	500
428	385	Dues	2,140	1,925	4,620
2,224	344	Office Expense	3,728	1,722	4,130
-	833	Rent Expense	25	4,165	10,000
144	125	KY 811 Services	683	625	1,500
(1,885)	55	Miscellaneous Expenses	(694)	275	660
482	5	Customer Deposit Interest Expense	4,692	27	65
<u>217,901</u>	<u>217,004</u>	<b>Total Operating Expenses</b>	<u>1,190,899</u>	<u>1,093,528</u>	<u>2,612,559</u>
<u>32,355</u>	<u>31,789</u>	<b>Net Income B/4 Other Income (Expenses)</b>	<u>56,045</u>	<u>150,447</u>	<u>372,967</u>
		<b>Other Income (Expenses)</b>			
245	-	Interest Income	1,468	-	-
(5,000)	(8,333)	Interest Expense	(29,091)	(41,665)	(100,000)
(726)	63	Amortization	(3,303)	315	753
(61,000)	(65,000)	Depreciation	(317,000)	(325,000)	(780,000)
-	-	Loan Issue Costs	(4,500)	-	-
<u>(66,482)</u>	<u>(73,270)</u>	<b>Total Other Income (Expenses)</b>	<u>(352,426)</u>	<u>(366,350)</u>	<u>(879,247)</u>
<u>\$ (34,127)</u>	<u>\$ (41,481)</u>	<b>Net Income (Loss)</b>	<u>\$ (296,381)</u>	<u>\$ (215,903)</u>	<u>\$ (506,280)</u>

**Martin County Water District  
Inez, KY**

**Treasury Report**

<b>Billing Charges For the Month of:</b>		<b>May-24</b>	
Water Revenue	\$	175,677.58	
Water Revenue-Commercial		33,869.21	
Water Revenue-Commercial Exempt		7,289.99	
Late Charges		6,748.59	
Sales Taxes		2,384.31	
Debt Service Surcharge		8,671.11	
School Tax		6,501.74	
Management Infrastructure Surcharge		15,561.92	
Returned Check		785.74	
Interest on Customer Deposits		(481.90)	
Connection Fees		-	
Other Miscellaneous Fees		2,207.24	
Deposits Applied		(1,125.00)	
Refund Checks Paid		128.84	
<b>Total Billing Charges</b>	<b>\$</b>	<b>258,219.37</b>	
<b>Gallons Billed</b>			<b>12,467,230</b>
<b>Customers Billed</b>			<b>3,358</b>
<hr/>			
<b>Accounts Receivable</b>		<b>May-24</b>	
Beginning Balance		347,789.81	
Billing Charges		258,219.37	
Bad Debt (Write Offs) Recoveries		602.28	
Accounts Receivable Collections		(237,601.79)	
<b>End of Month Accounts Receivable</b>		<b>369,009.67</b>	
<hr/>			
<b>Operations Account</b>			
Beginning Balance	\$	76,935.41	
Deposits:			
Accounts Receivable Collections		237,601.79	
Accounts Receivable Collections - Pmts in EFT Revenue Account		(116,608.12)	
Sewer Billing Collections in Water Bank Acct - Due to MCS		60,913.33	
Customer Deposits Received		1,080.00	
Miscellaneous Income (Tokens, Barrels, Hydrant)		565.75	
Transfers from Other District Accts		110,000.00	
<b>Total Deposits</b>		<b>293,552.75</b>	
Disbursements:			
Checks Written		(182,001.94)	
Pmts made to Sanitation for A/R Collections		(85,007.38)	
Transfers to Other District Accts		(41,526.30)	
Auto Drafted Utilities		(23,344.40)	
Returned Checks		(459.06)	
Bank Fees		(45.00)	
Sales and School Tax Payments		(8,907.13)	
<b>End of Month Balance</b>	<b>\$</b>	<b>29,196.95</b>	
<hr/>			
Cash Receipts Collected To Date in:	<b>Jun-24</b>	186,824.72	
Bills Submitted for Payment in:	<b>Jun-24</b>	(225,782.50)	
<b>Available Balance</b>	<b>3A-4</b>	<b>(9,760.83)</b>	

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

Bank Account	Beginning Balance	Deposits	Interest Earned, Net of Fees	Payments	Ending Balance
Operations Account	\$ 76,935.41	293,552.75	-	(341,291.21)	\$ 29,196.95
Revenue EFT Account	1,579.96	116,608.12	-	(110,538.63)	7,649.45
Debt Service Surcharge	1,000.06	9,452.47	0.09	(9,452.53)	1,000.09
Management Infrastructure Surcharge	1,000.10	16,963.83	0.15	(16,963.93)	1,000.15
Security Deposits	99,368.90	3,310.00	4.37	(128.84)	102,554.43
Cash on Hand	900.00	-	-	-	900.00
<b>Total Unrestricted Cash</b>	<b>180,784.43</b>	<b>439,887.17</b>	<b>4.61</b>	<b>(478,375.14)</b>	<b>142,301.07</b>
<b>Restricted Cash</b>					
ARC Grant	63.07	-	-	-	63.07
Rockhouse Project	9,239.21	10,800.00	-	(10,228.23)	9,810.98
Regions Bank-KY 2015E Martin County	53,505.54	10,228.23	195.02	-	63,928.79
KIA Bond & Interest	13,521.17	-	0.13	(5,632.44)	7,888.86
KY Assoc of Counties Leasing Trust	2,123.99	1,000.00	0.05	(77.81)	3,046.23
Depreciation Reserve	1,022.56	-	0.02	-	1,022.58
Cost of Issuance Fund 2022	2,098.00	-	-	-	2,098.00
Certificate Fund - 2022 Debt Svc	(0.00)	-	-	-	(0.00)
Revenue Fund - 2022	-	-	-	-	-
<b>Total Restricted Cash</b>	<b>81,573.54</b>	<b>22,028.23</b>	<b>195.22</b>	<b>(15,938.48)</b>	<b>87,858.51</b>
<b>Total Cash &amp; Investments</b>	<b>\$ 262,357.97</b>	<b>461,915.40</b>	<b>199.83</b>	<b>(494,313.62)</b>	<b>\$ 230,159.58</b>

**Martin County Water District  
Billing Summary**

Date	Billed		Gallons (000'S)	Billed # of Customers	Payments Received
	Revenue	YTD Total			
May-24	216,837	1,103,043	12,467	3,358	237,602
Apr-24	213,974	886,207	12,086	3,364	251,226
Mar-24	212,057	672,233	11,811	3,363	272,363
Feb-24	248,544	460,176	14,796	3,368	242,010
Jan-24	211,632	211,632	11,527	3,363	256,105
Dec-23	220,140	2,660,623	12,672	3,382	243,624
Nov-23	217,116	2,440,483	12,236	3,387	250,247
Oct-23	222,782	2,223,367	12,887	3,377	272,249
Sep-23	239,821	2,000,585	14,662	3,372	278,720
Aug-23	225,013	1,760,764	13,057	3,369	262,899
Jul-23	222,438	1,535,751	12,869	3,363	257,785
Jun-23	222,407	1,313,313	13,007	3,367	249,254
May-23	213,098	1,090,906	12,096	3,361	254,233

**Martin County Water District, Inez KY**  
**List of Bills for Consideration**  
**25-Jun-24**

<u>Vendor</u>	<u>Description</u>	<u>Amount</u>
<b>Operations Account</b>		
1 AEP	Electric (26 bills) Estimated	\$ 19,669.71
2 Big Sandy RECC	Electric (9 bills) Estimated	\$ 2,410.73
3 Paintsville Utilities	Electric for token (4/02/24 to 5/02/24) Estimated	\$ 52.31
4 Martin County Public Library	Rent (July)	\$ 843.38
5 Martin County Water District	Sanitation (May)	\$ 141.67
6 Sales tax	5/2024 (estimated)	\$ 2,487.91
7 School tax	5/2024 (estimated)	\$ 6,419.22
8 Alliance Water Resources	6/1/24-6/15/24 O&M services	\$ 84,253.50
9 Alliance Water Resources	6/16/24-6/30/24 O&M services	\$ 84,253.50
10 Alliance Water Resources	Insurance Policy Installment (6/10)	\$ 2,120.60
11 Management Inf. Surcharge	Estimated (actual collected will be paid)	\$ 16,963.83
12 Debt Service Surcharge	Estimated (actual collected will be paid)	\$ 9,452.47
13 Kentucky Underground	811 Services (May)	\$ 144.00
14 Brian Cumbo	Legal Fees	\$ 287.50
15 Estech Systems	Phone System (May)	\$ 218.86
16 NexBillPay	Fees (May)	\$ 75.00
17 Diesel Fuel Receipts	Diesel Fuel (May)	\$ 5,845.30
18 H&E Equipment Services	Pump Rental	\$ 739.50
19 Prestonsburg Utilities	Purchased Water	\$ 2,819.00
20 Rain for Rent	Pump Rental	\$ 10,920.84
21 Rain for Rent	Engine Service	\$ 1,627.74
22 CACi	Collection Agency	\$ 335.51
23 Business Radio Licensing	FCC License Renewal	\$ 115.00
24 Mountain Water District	Purchased Water	\$ 1.72
<b>TOTAL</b>		<b>\$ 252,198.80</b>

<b>Operations Account - Debt Service Funding</b>		<b>Transfer Amounts</b>
1 KIA	Monthly funding for KIA Bond/Loan	\$ 3,500.00
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>\$ 15,300.00</b>

**TOTAL OPERATIONS**

**\$ 267,498.80**

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**Security Deposit Account**

**Customer**

1	Jimmy Presley	Deposit refund due to customer	\$	49.33
2	Barbara & Guy Horn	Deposit refund due to customer	\$	17.88
3	Kasey Ray	Deposit refund due to customer	\$	95.21
4	Kenith Ray	Deposit refund due to customer	\$	13.33
5	Andrea Burgess	Deposit refund due to customer	\$	77.85
	<b>TOTAL</b>		<b>\$</b>	<b>253.60</b>

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**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

**MAY 2024**

**Administrative**

Tony Sneed is retiring from AWR effective June 28

**Water Treatment**

The reservoir is full and has maintained its level for a couple of months.

Tank levels are normal.

New rake chain for Clarifier Number 1 was ordered and has been received

Sludge valve on Clarifier number 2, previously broken, has been repaired

**Distribution:**

Raw Water Intake cart has been received and installed

Pumping to the prison at about an average of 7 hours per day

Pumping 140 more gpm to prison after repair of break on New Rt 3




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

**Project Updates**

<b>SOURCE</b>	<b>AMOUNT</b>	<b>PROJECTS</b>
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**  
**May 2024**

<b>Water Pumped</b>	
Total Water Production (gallons)	47,241,000
Total Water Metered/Billed (gallons)	14,542,000
Other Water Used (gallons)	580,000
Average Daily Flow (Million Gallons per Day)	1,523,903
Maximum Daily Flow (Million Gallons per Day)	1,642,000
Fluoride Used (lbs.)	418.5
Chlorine Used (lbs.)	1249
Lab Tests	3,815

**Water Quality Analysis**
  
**April 2024**

Test	Routine	Special	Repeat
Bacteriological	10 (Pass)	9 (Pass)	0
		<b>Reported</b>	<b>Minimum Limit</b>
Fluoride Plant Sample	31	0.77 mg/l Average	0.6 mg/l
Chlorine Distribution Sample	Total- 34 Free- 34	<b>Low Readings</b> Total - 0.34mg/L  Free – 0.34 mg/L	0.2 mg/l

**Customer Service Request and Work Orders**

Meter Reads	3325
Meter Sets	29
Turn offs-Close account	17
Taps	3
Meter Changes	11
Disconnects for Non-payment	37
Boil Notices	1
Line Locates	96
Water Leaks/Breaks	14
Other/Investigates	92

### Water Main Breaks & Service Lines

Date	Location	Loss (Gallons)
4/2/24	5662 Highway 645	315,132
4/2/24	12 Vance Hollow	157,566
4/4/24	241 Buck Branch	472,698
4/9/24	64 Sallee Rd	78,783
4/10/24	Raw Water Intake	1,181,745
4/11/24	21 Taylors Ct	866,613
4/11/24	21 McCoy Dr	1,299,913
4/15/24	767 W Main St	1,772,617
4/15/24	503 Tomahawk Rd	1,496,877
4/19/24	815 State Highway Garage	866,613
4/22/24	Poplar Fk	472,698

### Repair Expenses Ending April 2024

Expended	Actual YTD	Annual Budget	% Budget / Line Item
Bldg. & Grounds Maintenance	\$0	\$4,000	%
Vehicle Maintenance	\$18,253	\$20,000	91%
Water Plant Maintenance	\$2,271	\$7,000	32%
Distribution System Maintenance	\$56,381	\$50,000	113%
Water Meter Maintenance	\$4,256	\$10,000	43%
Street Maintenance	\$0	\$8,000	0%
<b>Totals</b>	<b>\$81,161</b>	<b>\$100,000</b>	<b>81%</b>

### Chemical Expenses Ending April 2024

Expended	Actual YTD	Annual Budget	% Budget / Line Item
Sodium Bisulfite	\$2,749		
Sodium Hydroxide	\$225	\$11,000	0%
Polymer	\$2,622	\$15,000	17%
Alum (DELPAC)	\$12,388	\$30,000	41%
Chlorine	\$11,203	\$20,000	56%
Permanganate		\$19,000	%
Fluoride	\$1,238	\$7,000	18%
Chemicals Other - Water		\$8,000	%
<b>Totals</b>	<b>\$30,425</b>	<b>\$110,000</b>	<b>28%</b>

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**Martin County Water District**

Notes:

- 1) Building & Grounds Maintenance
  - a. \$0.00
  
- 2) Vehicle Maintenance
  - a. Advance Auto \$173.78
  - b. Capital Tire \$721.67
  - c. Lowe's \$232.01
  - d. R&J Building Supply \$66.22
  
- 3) Water Plant Maintenance
  - a. Advance Auto Parts \$52.99
  
- 4) Well Maintenance
  - a. \$0.00
  
- 5) Distribution System Maintenance
  - a. All Pumps Sales and Service \$1,200
  - b. Jabo Supply \$11,551.50
  - c. Evans Hardware \$42.34
  - d. Lowe's \$61.10
  - e. R&J Building Supply \$55.97
  - f. Core and Main \$488.44
  
- 6) Meter Maintenance
  - a. \$0.00
  
- 7) Sodium Bisulfite
  - a. CITCO Water \$2,032.91
  
- 8) Sodium Hydroxide
  - a. Citco Water \$\$225.53
  
- 9) Lime/Caustic Soda
  - a. \$0.00
  
- 10) Polymer
  - a. \$0
  
- 11) Alum
  - a. CITCO Water \$4638.35

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12) Chlorine  
a. CITCO Water \$2,222.94

13) Permanganate  
a. \$0.00

14) Fluoride  
a. Brenntag \$1,238.40

15) Chemicals Other – Water

# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility: Martin County Water District

For the Month of: May Year: 2024

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED AND PURCHASED</b>	
2	Water Produced	47,241
3	Water Purchased	722
4	<b>TOTAL PRODUCED AND PURCHASED</b>	47,963
5		
6	<b>WATER SALES</b>	
7	Residential	9,363
8	Commercial	3,104
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	2,075
13	Other Sales (explain)	
14	<b>TOTAL WATER SALES</b>	14,542
15		
16	<b>OTHER WATER USED</b>	
17	Utility and/or Water Treatment Plant	461
18	Wastewater Plant	
19	System Flushing	
20	Fire Department	122
21	Other Usage (explain)	
22	<b>TOTAL OTHER WATER USED</b>	583
23		
24	<b>WATER LOSS</b>	
25	Tank Overflows	
26	Line Breaks	
27	Line Leaks	32,838
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	<b>TOTAL WATER LOSS</b>	32,838
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)	68.47%



**MARTIN COUNTY WATER & SANITATION DISTRICT**  
**LEAK ADJUSTMENT REQUESTS**  
**6/21/2024**

repaired broken line behind home

BILLED GALLONS/COST	5,260	75.62
AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH C	3,260	6.52
<b>PAY (avg+leak cost)</b>		47.94
<b>WRITE OFF (billed-avg-purch cost)</b>		27.68
LATE PENALTIES TO ADJ		0.00
SEWER	5,260	81.28
AVG SEWER/BILL	2,000	33.00
LEAK SWR ADJ	3,260	48.28
SWR PAY (AVG-LEAK)		33.00
SWR WRITE OFF		48.28
SWR PENALTIES TO ADJ		0.00

**75.96**

repaired leak near meter

BILLED GALLONS/COST	26,250	295.80
BILLED GALLONS/COST	25,750	290.56
AVG GALLONS/BILL	7,000	93.87
LEAK GALLONS/PURCH C	19,250	38.50
LEAK GALLONS/PURCH C	18,750	37.50
<b>PAY (avg+leak cost)</b>		263.74
<b>WRITE OFF (billed-avg-purch cost)</b>		322.62
LATE PENALTIES TO ADJ		0.00

**322.62**

repaired leak under home

BILLED GALLONS/COST	7,030	94.18
AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH C	5,030	10.06
<b>PAY (avg+leak cost)</b>		51.48
<b>WRITE OFF (billed-avg-purch cost)</b>		42.70
LATE PENALTIES TO ADJ		0.00
SEWER	7,030	107.49
AVG SEWER/BILL	2,000	33.00
LEAK SWR ADJ	5,030	74.49
SWR PAY (AVG-LEAK)		33.00
SWR WRITE OFF		74.49
SWR PENALTIES TO ADJ		0.00

**117.19**

repaired leaks between meter and home

BILLED GALLONS/COST	11,200	137.93
---------------------	--------	--------

AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH C	9,200	18.40
<b>PAY (avg+leak cost)</b>		59.82
<b>WRITE OFF (billed-avg-purch cost)</b>		78.11
LATE PENALTIES TO ADJ		0.00
SEWER	11,200	169.25
AVG SEWER/BILL	2,000	33.00
LEAK SWR ADJ	9,200	136.25
SWR PAY (AVG-LEAK)		33.00
SWR WRITE OFF		136.25
SWR PENALTIES TO ADJ		0.00

214.36

repaired leaking toilet

BILLED GALLONS/COST	73,900	795.30
BILLED GALLONS/COST	17,100	229.89
AVG GALLONS/BILL	10,000	125.34
LEAK GALLONS/PURCH C	63,900	127.80
LEAK GALLONS/PURCH C	7,100	14.20
<b>PAY (avg+leak cost)</b>		253.14
<b>WRITE OFF (billed-avg-purch cost)</b>		632.51
LATE PENALTIES TO ADJ		0.00
SEWER	73,900	1097.84
SEWER	17,100	256.63
AVG SEWER/BILL	10,000	151.48
LEAK SWR ADJ	63,900	946.36
LEAK SWR ADJ	7,100	105.15
SWR PAY (AVG-LEAK)		302.96
SWR WRITE OFF		1,051.51
SWR PENALTIES TO ADJ		0.00

1,684.02

repaired leak under home

BILLED GALLONS/COST	10,360	129.12
AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH C	8,360	16.72
<b>PAY (avg+leak cost)</b>		58.14
<b>WRITE OFF (billed-avg-purch cost)</b>		70.98
LATE PENALTIES TO ADJ		0.00
SEWER	10,360	156.81
AVG SEWER/BILL	2,000	33.00
LEAK SWR ADJ	8,360	123.81
SWR PAY (AVG-LEAK)		33.00
SWR WRITE OFF		123.81
SWR PENALTIES TO ADJ		0.00

194.79

repaired leak under home

BILLED GALLONS/COST	13,640	163.52
AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH C	11,640	23.28
<b>PAY (avg+leak cost)</b>		64.70
<b>WRITE OFF (billed-avg-purch cost)</b>		98.82
LATE PENALTIES TO ADJ		0.00
SEWER	13,640	205.39
AVG SEWER/BILL	2,000	33.00
LEAK SWR ADJ	11,640	172.39
SWR PAY (AVG-LEAK)		33.00
SWR WRITE OFF		172.39
SWR PENALTIES TO ADJ		0.00

271.21

repaired broken line in yard

BILLED GALLONS/COST	6,110	84.53
AVG GALLONS/BILL	3,000	51.91
LEAK GALLONS/PURCH C	3,110	6.22
<b>PAY (avg+leak cost)</b>		58.13
<b>WRITE OFF (billed-avg-purch cost)</b>		26.40
LATE PENALTIES TO ADJ		0.00

26.40

pool fill up; sewer only

BILLED GALLONS/COST	14,270	129.12
AVG GALLONS/BILL	4,000	62.40
LEAK GALLONS/PURCH C	10,270	20.54
<b>PAY (avg+leak cost)</b>		82.94
<b>WRITE OFF (billed-avg-purch cost)</b>		0.00
LATE PENALTIES TO ADJ		0.00
SEWER	14,270	156.81
AVG SEWER/BILL	4,000	62.62
LEAK SWR ADJ	10,270	94.19
SWR PAY (AVG-LEAK)		62.62
SWR WRITE OFF		94.19
SWR PENALTIES TO ADJ		0.00

94.19

repaired hose under home

BILLED GALLONS/COST	43,210	473.71
BILLED GALLONS/COST	9,570	120.83
AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH C	41,210	82.42
LEAK GALLONS/PURCH C	7,570	15.14
<b>PAY (avg+leak cost)</b>		123.84
<b>WRITE OFF (billed-avg-purch cost)</b>		414.14

LATE PENALTIES TO ADJ		0.00	
SEWER	43,210	643.32	
SEWER	9,570	145.11	
AVG SEWER/BILL	2,000	33.00	
LEAK SWR ADJ	41,210	610.32	
LEAK SWR ADJ	7,570	112.11	
SWR PAY (AVG-LEAK)		66.00	
SWR WRITE OFF		722.43	
SWR PENALTIES TO ADJ		0.00	1,136.57

repaired broken line near meter

BILLED GALLONS/COST	15,130	179.15	
AVG GALLONS/BILL	4,000	62.40	
LEAK GALLONS/PURCH C	11,130	22.26	
<b>PAY (avg+leak cost)</b>		84.66	
<b>WRITE OFF (billed-avg-purch cost)</b>		94.49	
LATE PENALTIES TO ADJ		0.00	94.49

repaired leak in bathroom

BILLED GALLONS/COST	10,850	134.26	
BILLED GALLONS/COST	8,020	104.57	
AVG GALLONS/BILL	4,000	62.40	
LEAK GALLONS/PURCH C	6,850	13.70	
LEAK GALLONS/PURCH C	4,020	8.04	
<b>PAY (avg+leak cost)</b>		146.54	
<b>WRITE OFF (billed-avg-purch cost)</b>		92.29	
LATE PENALTIES TO ADJ		0.00	92.29

state tore meter box loose from line while cleaning ditches; no fault to customer

BILLED GALLONS/COST	17,810	207.27	
BILLED GALLONS/COST	12,940	156.18	
AVG GALLONS/BILL	4,000	62.40	
LEAK GALLONS/PURCH C	13,810	27.62	
LEAK GALLONS/PURCH C	8,940	17.88	
<b>PAY (avg+leak cost)</b>		170.3	
<b>WRITE OFF (billed-avg-purch cost)</b>		193.15	
LATE PENALTIES TO ADJ		0.00	193.15

repaired broken line near meter

BILLED GALLONS/COST	15,980	188.07	
BILLED GALLONS/COST	8,160	106.04	
AVG GALLONS/BILL	4,000	62.40	
LEAK GALLONS/PURCH C	11,980	23.96	
LEAK GALLONS/PURCH C	4,160	8.32	

<b>PAY (avg+leak cost)</b>		157.08
<b>WRITE OFF (billed-avg-purch cost)</b>		137.03
LATE PENALTIES TO ADJ		18.70

155.73

pool fill up; sewer only

BILLED GALLONS/COST	12,350	129.12
AVG GALLONS/BILL	6,000	83.38
LEAK GALLONS/PURCH C	6,350	12.70
<b>PAY (avg+leak cost)</b>		96.08
<b>WRITE OFF (billed-avg-purch cost)</b>		0.00
LATE PENALTIES TO ADJ		0.00
SEWER	12,350	156.81
AVG SEWER/BILL	6,000	92.24
LEAK SWR ADJ	6,350	64.57
SWR PAY (AVG-LEAK)		92.24
SWR WRITE OFF		64.57
SWR PENALTIES TO ADJ		0.00

64.57

pool fill up; sewer only

BILLED GALLONS/COST	15,270	180.62
AVG GALLONS/BILL	6,000	83.38
LEAK GALLONS/PURCH C	9,270	18.54
<b>PAY (avg+leak cost)</b>		101.92
<b>WRITE OFF (billed-avg-purch cost)</b>		0.00
LATE PENALTIES TO ADJ		0.00
SEWER	15,270	229.53
AVG SEWER/BILL	6,000	92.24
LEAK SWR ADJ	9,270	137.29
SWR PAY (AVG-LEAK)		92.24
SWR WRITE OFF		137.29
SWR PENALTIES TO ADJ		0.00

137.29

repaired broken line near meter

BILLED GALLONS/COST	10,210	127.54
BILLED GALLONS/COST	6,960	93.45
AVG GALLONS/BILL	4,000	62.40
LEAK GALLONS/PURCH C	6,210	12.42
LEAK GALLONS/PURCH C	2,960	5.92
<b>PAY (avg+leak cost)</b>		143.14
<b>WRITE OFF (billed-avg-purch cost)</b>		77.85
LATE PENALTIES TO ADJ		18.70

96.55

replaced regulator

BILLED GALLONS/COST	99,500	1064.04
---------------------	--------	---------

AVG GALLONS/BILL	2,000	41.42	
LEAK GALLONS/PURCH C	97,500	195.00	
<b>PAY (avg+leak cost)</b>		236.42	
<b>WRITE OFF (billed-avg-purch cost)</b>		827.62	
LATE PENALTIES TO ADJ		0.00	
SEWER	99,500	1476.98	
AVG SEWER/BILL	2,000	33.00	
LEAK SWR ADJ	97,500	1443.98	
SWR PAY (AVG-LEAK)		33.00	
SWR WRITE OFF		1,443.98	
SWR PENALTIES TO ADJ		0.00	<b>2,271.60</b>

repaired broken line near meter

BILLED GALLONS/COST	21,810	249.23	
BILLED GALLONS/COST	8,160	106.04	
AVG GALLONS/BILL	4,000	62.40	
LEAK GALLONS/PURCH C	17,810	35.62	
LEAK GALLONS/PURCH C	4,160	8.32	
<b>PAY (avg+leak cost)</b>		168.74	
<b>WRITE OFF (billed-avg-purch cost)</b>		186.53	
LATE PENALTIES TO ADJ		18.70	<b>205.23</b>

repaired broken line; 2nd month

BILLED GALLONS/COST	5,600	79.18	
AVG GALLONS/BILL	2,000	41.42	
LEAK GALLONS/PURCH C	3,600	7.20	
<b>PAY (avg+leak cost)</b>		48.62	
<b>WRITE OFF (billed-avg-purch cost)</b>		30.56	
LATE PENALTIES TO ADJ		0.00	<b>30.56</b>

pool fill up; sewer only

BILLED GALLONS/COST	10,280	180.62	
AVG GALLONS/BILL	3,000	51.91	
LEAK GALLONS/PURCH C	7,280	14.56	
<b>PAY (avg+leak cost)</b>		66.47	
<b>WRITE OFF (billed-avg-purch cost)</b>		0.00	
LATE PENALTIES TO ADJ		0.00	
SEWER	10,280	229.53	
AVG SEWER/BILL	3,000	47.81	
LEAK SWR ADJ	7,280	181.72	
SWR PAY (AVG-LEAK)		47.81	
SWR WRITE OFF		181.72	
SWR PENALTIES TO ADJ		0.00	<b>181.72</b>

repaired broken line under home

BILLED GALLONS/COST	22,230	253.63
BILLED GALLONS/COST	17,270	201.60
AVG GALLONS/BILL	4,000	62.40
LEAK GALLONS/PURCH C	18,230	36.46
LEAK GALLONS/PURCH C	13,270	26.54
<b>PAY (avg+leak cost)</b>		187.8
<b>WRITE OFF (billed-avg-purch cost)</b>		267.43
LATE PENALTIES TO ADJ		45.16

**312.59**

repaired broken line under home

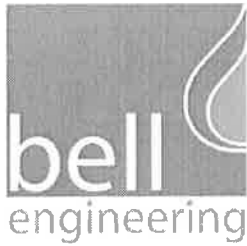
BILLED GALLONS/COST	52,000	565.92
BILLED GALLONS/COST	15,000	156.81
AVG GALLONS/BILL	4,000	62.40
LEAK GALLONS/PURCH C	48,000	96.00
LEAK GALLONS/PURCH C	11,000	22.00
<b>PAY (avg+leak cost)</b>		242.8
<b>WRITE OFF (billed-avg-purch cost)</b>		479.93
LATE PENALTIES TO ADJ		72.27

**552.20**

replaced hot water heater

BILLED GALLONS/COST	4,850	71.32
BILLED GALLONS/COST	4,390	66.49
AVG GALLONS/BILL	2,000	41.42
LEAK GALLONS/PURCH C	2,850	5.70
LEAK GALLONS/PURCH C	2,390	4.78
<b>PAY (avg+leak cost)</b>		93.32
<b>WRITE OFF (billed-avg-purch cost)</b>		44.49
LATE PENALTIES TO ADJ		0.00

**44.49**



MEETING AGENDA  
PROGRESS MTG #55  
**MARTIN COUNTY WATER DISTRICT**  
**MARTIN COUNTY, KENTUCKY**  
**June 11, 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 29<sup>th</sup>. The permit was issued on August 13, 2020.

13. Project was submitted to Corps of Engineers for Plan and Specification Review March 20, 2020. Corps provided review comments on April 28, 2020. Final plans and specifications including all electrical and structural components of the project were forwarded to the Corps of Engineers for final review during the week of July 13th. The Corps of Engineers completed its review of the final plans / specifications including the opinion of probable cost and certified the package.
14. The Corps of Engineers advertised the Draft Environmental Assessment (DEA) and Finding of No Significant Impact (FONSI) for the project on August 4, 2020 for the 30-day public comment period. KY SHPO requested further consultation. The FONSI was issued October 29, 2020.
15. Project was sent out for bidding on November 11, 2020.
16. A pre-bid meeting for interested contractors was held @ 1:00 p.m. on December 1, 2020.
17. Bids for the project were originally received on December 15, 2020 at 1:00 p.m. Only one bid was received (submitted by Pace Contracting). The project bid was in excess of the available funds.
18. The project was rebid.
19. Bids for the project rebid were opened on April 13<sup>th</sup> at 1:00 p.m. at the office of the Big Sandy Area Development District. There were four plan holders for the rebid. Only one bid was received (submitted by Pace Contracting).
20. The bid submitted by Pace was \$3,858,387.00.
21. The base bid of \$3,858,387.00 submitted compares to a base bid of \$3,396,220.00 submitted by Pace in December 2020. The difference was \$462,167.00 between the bids.
22. The combined base bids for the RWI/WTP Project and Water Line Replacement in the Beauty/Lovely Project exceeded the funds available for construction activities. Given the grave condition of the Raw Water Intake and Water Treatment Plant, the MCWD took the following actions:
  - A. Deferred the construction of the Water Line Replacement in the Beauty / Lovely area until a later date and use the funds budgeted for this project for construction of the RWI/WTP Project.
  - B. Continued submitting funding requests in an effort to obtain funding to construct the Water Line Replacement Project in the Beauty / Lovely area as soon as possible.

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

**TABLE 1**

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

23. A letter awarding the project to Pace under the conditions outlined in Table 1 and subject to concurrence of all the state and federal agencies was sent to Pace on July 9, 2021.
24. Authorization to Proceed was received from AML on September 1, 2021. The USACE had previously granted approval.
25. Executed contract books and bonds were received from Pace on September 8, 2021.
26. A preconstruction meeting was held on September 22, 2021 at the offices of the Big Sandy Area Development District.
27. Contract books were signed and dated by the Big Sandy Area Development District at the preconstruction meeting.
28. A Notice to Proceed (NTP) was issued at the preconstruction meeting. The contract required the contractor be given ten days from the issuance of the NTP before the contract time started.
29. The Contract time began on October 4, 2021.
30. Generator start-up and training have been performed.
31. Programming of Treatment Unit 1 has been performed.
32. Pace, Alliance and Bell are continuing to meeting weekly in an effort to get the project wrapped up as soon as possible.
33. Unit 1 continues to run and produce water. The chain on Unit 1 (which was not replaced as part of this project) has developed slack. This chain turns the rakes. A new chain was ordered and is scheduled to arrive today. The old chain will be removed and replaced with the new chain.

34. Unit 3 remains shut down as construction activity is now concentrated on this unit. All water continues to be produced by Units 1 and 2.
35. Painting of Basin 3 is complete.
36. Alliance has reached out and scheduled replacement of the bearing in Unit 3.
37. In an effort to complete the project as soon as possible, Pace will install Unit 3 Tube Settler Supports and Tube Settler Modules in advance of the bearings being replaced.
38. The new raw water pump trailer was received last week. Pace began installation of the trailer. The cable that connects the winch to the cart was too short and the swivel hook shipped with the trailer was not rated for the load. The new cable and hook will be installed next Monday 6/17.

## **B. WARFIELD AREA LINE IMPROVEMENTS**

1. Bell was able to locate several sets of As-Built Drawings of the water distribution system. Bell scanned copies of all plan sets and returned to MCWD with digital copies of plan sets for MCWD future use.
2. Bell and MCWD personnel have been in the field multiple times locating existing lines, surveying existing meters, valves and fire hydrants and determining routing of new water lines.
3. Location of features affecting alignment of the waterline have been completed.
4. The Phase I Environmental Site Assessment required by the Corps of Engineers was completed and submitted.
5. Plans and specifications have been developed.
6. Project mapping for NEPA purposes was submitted to AML on February 10, 2020.
7. Project description and Opinion of Probable Construction Costs were submitted to AML on February 17, 2020.
8. Project was submitted for DOW review on March 13, 2020. DOW Construction Permit was issued on April 27, 2020.
9. Project submitted to Corps of Engineers Plan and Specification Review March 20, 2020. Corps provided review comments on April 28, 2020. Bell responded to comments and resubmitted plans/specifications on May 7, 2020. The Corps of Engineers completed its review of the final plans / specifications including the opinion of probable cost and certified the package.
10. Project was submitted to KYTC on April 6, 2020 for review. KYTC Encroachment Permit was issued on May 13, 2020.
11. Submitted to DOW for Permit to Construct Along or Across a Stream April 14, 2020. The permit was issued on June 17, 2020.
12. The AML Authorization to Proceed was granted on July 31, 2020.
13. The Corps of Engineers advertised the Draft Environmental Assessment (DEA) and Finding of No Significant Impact (FONSI) for the project on

August 4, 2020 for the 30-day public comment period. KY SHPO requested further consultation. The FONSI was issued October 29, 2020.

14. Project was sent out for bidding on November 11, 2020.
15. A pre-bid meeting for interested contractors was held @ 11:00 a.m. on December 1, 2020.
16. Bids for the project were originally received on December 15, 2020 at 11:00 a.m. Five bids were received.
17. The project was rebid.
18. Bids for the project rebid were opened on March 30 2021 at 11:00 a.m. at the office of the Big Sandy Area Development District. There were six plan holders for the rebid. Three bids were received (BP Pipeline, Buchannan Contracting, and Conkurs, LLC).
19. The low bid was submitted by Conhurst with a base bid of \$910,810.00 and a total bid with alternate of \$1,744,066.00.
20. \$1.5M in additional project funding through the Corps of Engineers is available for the project. Changes have been made to the plans in order to better align the proposed scope with available funds. The revised plans have been reviewed with representatives of Alliance.
21. Locations of new valves in the Warfield area, a tie-in of the line along Firehouse Lane to Route 282, and valving in the Groundhog Lane area on both the sideline/mainline have been added.
22. Permission to bid the project has been received from the Corps of Engineers.
23. The project was advertised for bidding through both the local paper (December) and Lynn Imaging (November and December). A total of eight (8) Contractors picked up project plans.
24. Bids were opened on December 20, 2023. The low bid was determined by the base bid (Collins Creek). Only Collins Creek was awarded for construction.
25. The District accepted the bid submitted by Boca Enterprises and awarded the job to Boca.
26. Contract books have been executed.
27. A pre-construction conference was held on May 29<sup>th</sup>.
28. An issue arose concerning the need for a roadway permit from the City of Warfield to excavate in and along Collins Creek Roadway. That permit has been secured.
29. Big Sandy ADD has asked the Notice to Proceed be held while they work out an issue with the County concerning the match money.

#### **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 is currently working on the telemetry. Bell has reached out to request a delivery date.

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 SystemProposed revised scope components:
  - Relocate the proposed Pump Station so that it replaces the existing Otto Brown Station. This station is beyond its useful life and subject to confined space constraints.
  - Replace existing waterline in the vicinity of the Otto Brown Station that is subject to leaks.
  - Provide Modifications to the Middle Fork Tank rather than construct a new tank.
13. The request was approved by OSM.
14. Replacement water lines have been designed and reviewed with Alliance. The New Otto Brown Station has been designed and reviewed with Alliance. It will be built near the existing station. New station will be above ground concrete block structure in order to eliminate confined space issues. Final

revisions are being made. Final bid form is being assembled. A final review will be scheduled with Alliance.

**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. Plans and specifications are 100% complete. Engineering contract has been approved by KYTC and forwarded to MCWD for signature. Project to be bid as soon as KYTC has all agreements in place and final review is conducted by with Alliance. It is anticipated the project can be advertised for bid in late June.

**I. REPLACE BRIDGE ON KY 40 OVER BUCK CREEK**

1. Met with KYTC to review proposed work. Both Engineering and construction related costs will be paid by KYTC.
2. Received roadway plans from KYTC.
3. Have started new line layout. Will need to review project with new general manager for Alliance.

**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. Project to be bid as soon as KYTC has all agreements in place and final review is conducted by with Alliance. It is anticipated the project can be advertised for bid in late June.

**M. SPICY MOUNTAIN WATER EXTENSION**

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

**N. TURKEY TANK REHABILITATION**

1. Bell has finalized and forwarded an opinion of probable cost to rehabilitate the Turkey Tank. An opinion of probable project cost has been prepared, entered into the KIA portal and forwarded to AML for funding consideration.

**O. INEZ UTILITY REPLACEMENT**

1. Met to discuss options for replacing the utilities in Inez. Since the streets will be torn up to replace these utilities, we are attempting to incorporate some economic development components as the streets are built back. These could include wayfinding signs, trails, parks, pavilions and streetscape improvements. Bell has finalized a contract for preliminary work that will and forwarded it to the Martin County Water District for consideration. The district has forwarded it to the City of Inez and Martin County Fiscal Court for consideration.

**P. 40E WATER IMPROVEMENT PROJECT**

1. Project would remove existing water connections from a waterline that is leaking and move them to a 10" parallel line. The leaking line would then be removed from service. An opinion of probable project cost has been prepared, entered into the KIA portal and forwarded to AML for funding consideration. An updated project cost was prepared at the request of AML.

**Q. COLDWATER WATER IMPROVEMENT PROJECT**

1. Project would replace the existing waterline, service line and meters in the Coldwater area. An opinion of probable project cost has been prepared, entered into the KIA portal and forwarded to AML for funding consideration.

**R. OLD ROUTE 3 WATER IMPROVEMENT PROJECT**

1. Project would replace the existing waterline, service line and meters in the Old Route 3 area of the county. An opinion of probable project cost has been prepared, entered into the KIA portal and forwarded to AML for funding consideration.

**S. WATER IMPROVEMENT PROJECT BETWEEN WTP AND TURKEY TANK**

1. Project would replace the existing waterline, service line and meters between the WTP and the Turkey Tank. An opinion of probable project cost has been prepared, entered into the KIA portal and forwarded to AML for funding consideration.

**T. COUNTYWIDE METER REPLACEMENT PROJECT**

1. Project would replace all meters (residential and commercial) in the Martin County Water District system. An opinion of probable project cost has been prepared, entered into the KIA portal and forwarded to AML for funding consideration. An updated project cost was prepared at the request of AML.

**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



## KENTUCKY INFRASTRUCTURE AUTHORITY

Andy Beshear  
Governor

100 Airport Road  
Frankfort, Kentucky 40601  
(502) 573-0260  
kia.ky.gov

Sandy Williams  
Executive Director

June 5, 2024

Mr. Jimmy Kerr  
Martin County Water and Sanitation District  
387 E Main St. Suite 140  
Inez, KY 41224

### KENTUCKY INFRASTRUCTURE AUTHORITY GRANT NOTIFICATION LETTER

Dear Mr. Jimmy Kerr,

This letter is to notify you that the Martin County Water and Sanitation District received a line-item grant in the amount of \$681,000.00. This grant was included in House Bill 1 from the 2024 Regular Session of the Kentucky General Assembly. These state grant funds are being awarded for the purchase and installation of a water tank. The Kentucky Infrastructure Authority (KIA) will be responsible for administering your grant.

Step One to access your grant funding is to provide to KIA the information in Attachment A regarding your project. Once we have received the completed Attachment A, we will send to you a Grant Agreement for execution along with a checklist of items we will need before we can send funding to you. Grant funds will be provided to the project on a reimbursement basis.

If you have questions regarding the grant or any information in this letter, you can reach me at 502-892-3088 or at [Sandy.Williams@ky.gov](mailto:Sandy.Williams@ky.gov).

Respectfully,

A handwritten signature in cursive script that reads "Sandy Williams".

Sandy Williams  
Executive Director

Attachment

cc: Mr. Kelly Cunnagin, KIA  
Mr. Eric Ratliff  
Rep. Bobby McCool  
Sen. Phillip Wheeler

TEAM   
KENTUCKY™  
An Equal Opportunity Employer M/F/D

7A-12

**ATTACHMENT A**

**1. Primary Contact**

Name: Todd Adams

Title: Division Manager

Phone: 606-548-2250

Email: tadams@alliancewater.com

Address: 387 East Main Street

City/Zip: Inez KY 41224

**2. Project(s) Funded By Grant**

<b>Project Name</b>	<b>Owner/Utility</b>	<b>WRIS Number</b>	<b>Amount</b>
WTP to Turkey Tank Water Improvements Project	Martin County Water District	WX21159025	\$681,000
<b>Total</b>			\$681,000



## KENTUCKY INFRASTRUCTURE AUTHORITY

Andy Beshear  
Governor

100 Airport Road  
Frankfort, Kentucky 40601  
(502) 573-0260  
kia.ky.gov

Sandy Williams  
Executive Director

June 5, 2024

Mr. Jimmy Kerr  
Martin County Water and Sanitation District  
387 E Main St. Suite 140  
Inez, KY 41224

### KENTUCKY INFRASTRUCTURE AUTHORITY GRANT NOTIFICATION LETTER

Dear Mr. Jimmy Kerr,

This letter is to notify you that the Martin County Water and Sanitation District received a line-item grant in the amount of \$2,000,000.00. This grant was included in House Bill 1 from the 2024 Regular Session of the Kentucky General Assembly. These state grant funds are being awarded for the purchase and installation of water meters. The Kentucky Infrastructure Authority (KIA) will be responsible for administering your grant.

Step One to access your grant funding is to provide to KIA the information in Attachment A regarding your project. Once we have received the completed Attachment A, we will send to you a Grant Agreement for execution along with a checklist of items we will need before we can send funding to you. Grant funds will be provided to the project on a reimbursement basis.

If you have questions regarding the grant or any information in this letter, you can reach me at 502-892-3088 or at [Sandy.Williams@ky.gov](mailto:Sandy.Williams@ky.gov).

Respectfully,

A handwritten signature in cursive script that reads "Sandy Williams".

Sandy Williams  
Executive Director

Attachment

cc: Mr. Kelly Cunnagin, KIA  
Mr. Eric Ratliff  
Rep. Bobby McCool  
Sen. Phillip Wheeler

TEAM   
KENTUCKY™  
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7A-14

## ATTACHMENT A

### 1. Primary Contact

Name: Todd Adams

Title: Division Manager

Phone: 606-548-2250

Email: tadams@alliancewater.com

Address: 387 East Main Street Suite 140

City/Zip: Inez KY 41224

### 2. Project(s) Funded By Grant

Project Name	Owner/Utility	WRIS Number	Amount
Meter Replacement	Martin County Water District	WX21159013	\$2,000,000.00
<b>Total</b>			

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 REWER 10" LINE AND ELIMINATING OLD 6" LINE THAT IS BELIEVED TO BE LEAKING
TURKEY WATER LINE REPLACEMENT	WX21159026	2	2023		\$ 6,822,000	IN GRANT PORTAL	REPLACING LINE FROM THE WATER PLANT TO THE TURKEY TANK. THIS LINE HAS HAD MULTIPLE LEAKS OVER THE YEARS AND IS A CRITICAL POINT FOR A LARGE SERVICE AREA IN THE SYSTEM.
COLDWATER LINE REPLACEMENT	WX21159023	2	2023		\$ 8,419,000	IN GRANT PORTAL	UP TO 4 WATER LINES IN THE SAME AREA WITH MANY WEAK POINTS
WATER PLANT CLARIFIER III REHAB		1	2020	2023	\$ 250,000	AML	THIS PROJECT WILL BE COMPLETED AS PART OF A LARGER PROJECT CURRENTLY UNDERWAY. RAKE DRIVE BEARING IS OUT.
TURKEY STORAGE TANK REHAB	WX21159025	1	2023		\$ 681,000	IN GRANT PORTAL	TANK IS ONE OF THE OLDEST AND IN THE WORST CONDITION IN OUR SYSTEM
Project 113-19-03 Replace Existing Mainline, Water Meters, Service Line, Valves & Hydrants in the Warfield Area	WX21159006	3	2019		\$ 1,260,658	AML	EXISTING PROJECT BIDDING SOON
Projects 113-19-05 & 113-19-06 Rehabilitation of Otto Brown Booster Station, Line replacement to Middlefork Tank, Upgrade of Davella Booster Station		1	2019	Scope changed 2022	\$ 750,000		REPLACING FAILING UNDERGROUND BOOSTER STATION IN THE SYSTEM TO ASSIST IN PROVIDING WATER TO THE AIRPORT, PRISON AND DAVELLA REGION.
FEMA BACKUP GENERATOR PROJECT	WX21159015	1	2022		\$ 1,320,000	FEMA	WILL BE GENERATOR AT 40E AND 40W BOOSTER STATIONS AND THE RAW WATER INTAKE
METER REPLACEMENT PROJECT	WX21159013	1	2023		\$ 2,000,000	IN GRANT PORTAL	REDUCE WATER LOSS, EFFICIENCY IN OPERATIONS AND ELIMINATION OF HUMAN ERROR IN METER READING
HIGH SCHOOL PUMP STATION CHECK VALVE		1	2022		\$ 81,000.00		ENABLE THE DISTRICT TO USE THE HIGH SCHOOL TANK TO PROVIDE WATER TO OTHER AREAS OF THE SYSTEM BESIDES THE HIGHSCHOOL. THIS PROJECT WILL REQUIRE A PIT INSTALLED IN THE GROUND ALONG WITH THE CHECK VALVE
OLD ROUTE 3 - WATER IMPROVEMENT PROJECT	WX21159024	1	2023		\$ 5,066,000.00	IN GRANT PORTAL - UNFUNDED	THIS PROJECT WILL REPLACE TRANSMISSION LINE, SERVICE LINE AND METERS ALONG OLD ROUTE 3. A LINE THAT TYPICALLY SEES A LOT OF LINE LEAKS. IT WILL INSTALL VALVES EVERY 500' FOR FUTURE LEAK DETECTION.
MARTIN COUNTY WATER DISTRICT - LEAD SERVICE LINE INVENTORY	WX21159018	3	2023		\$ 299,250.00	IN GRANT PORTAL - UNFUNDED	This project is for the Utility to conduct a Lead Service Line Inventory as required under 40 CFR 141.84. This project consists of a system wide Lead Service Line (LSL) inventory. This shall include a comprehensive inventory of each service connection within the system to determine the service line material on both sides of the meter.
WATER SYSTEM CONTROLS AND RAW WATER MODIFICATIONS PHASE III	WX21159018	3	2022		\$ 2,563,852.00	IN GRANT PORTAL - UNFUNDED	1) Replacement of Treatment Unit No. 2's Sludge Collector Drive, 2) An additional 20-Foot Section of the 10-inch DR 11 HDPE 4710 Pipe and an additional 20-Foot Section of 12" DRII 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 DRII HDPE 4710 Flanged Pipe, 6) A second Pump Trailer, 7) Various Unit Price Items, 8) The project will replace existing main lines, service lines, and hydrants in an area that has been a perpetual source of leaks and breaks for the MCWD. The project will replace approximately 14,500 LF of the mainline, associated service line, and appurtenances
<b>TOTAL</b>					<b>\$ 30,487,760</b>		

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



CASSELL BRANCH WATER LINE REPLACEMENT AND BOOSTER STATION REHABILITATION	3		\$ 1,574,000.00	EXISTING BOOSTER STATION ONLY HAS 1 FUNCTIONAL PUMP. NO TELEMETRY TO PLANT AND NO BACK UP POWER. SEVERAL HYDRAULIC ISSUES WITH THE WATER LINES THAT HAVE LED TO LOW PRESSURE FOR CUSTOMERS AND MANY LEAKS.
CREEK CROSSING REPLACEMENT	2		\$ 1,000,000.00	STATISTICALLY CREEK CROSSINGS CAN BE A MAJOR AREA FOR WATER LOSS THAT IS DIFFICULT TO FIND. NEW CREEK CROSSINGS IN STRATEGIC AREAS WOULD HELP REDUCE WATER LOSS AND INCREASE THE LONGEVITY OF THE SYSTEM.
VALVE INSERTION	2		\$ 750,000.00	MANY VALVES IN THE SYSTEM ARE INOPERABLE AND IN NEED OF REPLACEMENT. ADDITIONALLY, VALVES ARE NEEDED FOR CONTINUED LEAK DETECTION
WATER PLANT HIGH SERVICE PUMP REPLACEMENT	1		\$ 850,000.00	BOTH PUMPS HAVE BEEN IN SERVICE FOR A LONG TIME AND ARE IN MUCH NEED OF REPLACEMENT
PASSENGER TRUCK 4X4	1	2024	\$ 60,000.00	CURRENT VEHICLES ARE INOPERABLE
1 ton 4x4 tool truck with Hoist, Generator, and Compressor	1	2023	\$ 120,000.00	CURRENT TRUCK IS OWNED BY SANITATION DISTRICT
ROAD BORE MACHINE	1		\$ 15,000.00	WOULD ALLOW THE DISTRICT TO DO ITS OWN TAPS AND BORES FOR WATER LINE INSTEAD OF CONTRACTING IT OUT.
ONLINE TURBIDIMETERS AND CONTROLLER	2		\$ 22,626.00	CURRENT TURBIDIMETERS ARE OBSOLETE
BIG LICK WATER LINE REPLACEMENT AND BOOSTER STATION REHAB	3		\$ 1,877,000.00	EXISTING BOOSTER STATION ONLY HAS 1 FUNCTIONAL PUMP. NO TELEMETRY TO PLANT AND NO BACK UP POWER. SEVERAL HYDRAULIC ISSUES WITH THE WATER LINES THAT HAVE LED TO LOW PRESSURE FOR CUSTOMERS AND MANY LEAKS.
PETER CAVE WATER LINE REPLACEMENT AND BOOSTER STATION REHAB	3		\$ 1,457,000.00	EXISTING BOOSTER STATION IS STRUCTURALLY UNSOUND AND ONLY HAS 1 FUNCTIONAL PUMP. NO TELEMETRY TO PLANT AND NO BACK UP POWER. SEVERAL HYDRAULIC ISSUES WITH THE WATER LINES THAT HAVE LED TO LOW PRESSURE FOR CUSTOMERS.
KERMIT WATER LINE CONNECTION				
TOTAL			\$ 43,300,626.00	

MARTIN COUNTY WATER DISTRICT ANNUAL CAPITAL ITEMS			
RECURRING PROJECTS	YEAR	COST	COMMENTS
10% METER REPLACEMENT	ANNUALLY	\$ 80,000.00	AS REQUIRED BY PSC
TANK INSPECTIONS/CLEANING	ANNUALLY	\$ 7,000.00	1 TANK PER YEAR SHOULD HAVE THEM INSPECTED EVERY 10 YEARS
VEHICLE REPLACEMENT	ANNUALLY	\$50,000.00	ROUTINE FLEET MAINTENANCE AND CHANGE OUT NOT EQUIPMENT EXPENSE
TOTAL		\$ 137,000.00	