



BRIAN CUMBO

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ADMITTED IN KY AND WV

May 31, 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 May 30, 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 scheduled for May 30, 2024.



BRIAN CUMBO
COUNSEL FOR MARTIN COUNTY
WATER DISTRICT
P.O. BOX 1844
INEZ, KY 41224
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EMAIL: cumbolaw@cumbolaw.com

CERTIFICATE OF SERVICE

This will certify that a true and correct copy of the foregoing was served via electronic filing on this the 31st day of May, 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
Special Meeting, Thursday, May 30, 2024 – 6:00 p.m.
Martin County Government Center (2nd Floor)

- 1) Call the meeting to order
- 2) Review and Consideration to Approve Minutes
- 3) Review and Consideration of Financial Reports
 - A. Review and Consideration to Approve Treasurer’s Report
 - B. Review and Consideration to Approve Other Financials
- 4) Review and Consideration to Approve Bills
- 5) Legal
 - A. Any Issues for Discussion with Board Attorney
- 6) Operations
 - A. Alliance Operations Report
 - B. Water Loss Report
 - C. Leak Adjustments
- 7) Capital Projects Report
 - A. Project Updates
 - B. 5 Year CIP
- 8) Other Old Business
- 9) Other New Business
 - A. Identity Theft Prevention Program
 - B. Appointing DM as Bond Compliance Officer
- 10) Consider Motion to Convene into Closed Executive Session
- 11) Consider Motion to Close Executive Session
- 12) Adjourn

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

**Martin County Water District
Regular Meeting of the Board of Directors
April 23, 2024, Meeting Minutes**

Presiding: James Kerr, Chairman

Present: Directors: BJ Slone, John Hensley, Greg Crum, Nina McCoy
Staff: Brian Cumbo (Attorney), Tony Sneed, Erica Bogenpohl,
Cassandra Moore

Guests:

The Regular Meeting of the Martin County Water District was held on April 23, 2024, at the Martin County Government Center, at 42 East Main St (2nd Floor), Inez, Kentucky 41224. Mr. Kerr called the meeting to order at 6:00 p.m.

Mr. Kerr called for review of the March 26, 2024, Regular Board Meeting minutes.

- Mr. Hensley motioned to accept the March 26, 2024 minutes
- Mr. Slone seconded
- All ayes
- Motion carried

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

- Mr. Sneed detailed each report as submitted
- Mr. Slone motioned to approve the Treasurer's report submitted
- Mr. Crum seconded
- All ayes
- Motion carried
- Mr. Sneed presented Other Financials
- Mr. Hensley motioned to approve Other Financials
- Mrs. McCoy seconded
- All ayes
- Motion carried
- Mr. Sneed presented the 2023 Audit
- Mr. Hensley motioned to approve the 2023 Audit
- Mrs. McCoy seconded
- All ayes
- Motion carried

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

- Mr. Slone 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.

- The reservoir is full and has maintained its level for almost a month. The District has plenty of supply for the water plant
- Pumping to Davella and working on a SOP to flush before we pump to the prison

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

- Water loss was reported at **75.09%** for the month of March 2024

Mr. Sneed presented the Board with the April Leak Adjustments.

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

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

- LSL grant should be released soon allowing the District to purchase any equipment or vehicles needed
- Mrs. Bogenpohl discussed that Bell Engineering stated that the trailer is on track for fabrication and as soon as that's completed installation will begin. Best case scenario would be June 01, but Mrs. Bogenpohl would think closer to July 01 to have it in place

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.

- Mr. Kerr discussed the review of bids for the water line replacement in the Beauty Lovely Area-Rebid. Mr. Kerr stated that in the Board Packet there were two separate bids. One from Boca Enterprises, Inc. in the amount of \$1,383,573.86 and B.P. Pipeline, LLC in the amount of \$1,567,638.00. Mr. Kerr advised that it was the Boards job to decide which bid to accept. He knows that Boca has done work with the District before. Staff and the Board need to make sure that the engineers are doing the job and bedding correctly as advised. The recommendation of the Engineers is to go with Boca.
- Mr. Slone motioned to accept the bid presented by Boca for the Water Line Replacement in the Beauty Lovely Area-Rebid
- 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 6:33 p.m.
- Mr. Slone seconded
- All ayes
- Motion Carried

Minutes approved this _____ day of _____, 2024.

James Kerr, Chairman

Cassandra Moore, District Clerk

Martin County Water District
Balance Sheet
April 30, 2024

4/30/24

ASSETS

CURRENT ASSETS

Checking Account - Operations	\$	76,935.41
Revenue Fund - EFT		1,579.96
Debt Service Surcharge Fund		1,000.06
Management Infrastructure Surcharge Fund		1,000.10
Security Deposits		99,368.90
Cash on Hand		900.00
Total Cash		180,784.43
Accounts Receivable		347,789.81
Allowance for Doubtful Accounts		(38,523.28)
Unbilled Accounts Receivable		46,933.00
Inventory		4,249.44
Prepaid Expenses		12,994.13
Total Current Assets		554,227.53

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	(22,097.04)
Less: Accumulated Depreciation	(19,193,987.22)
Net Property, Plant, & Equipment	16,504,378.75

RESTRICTED CASH

Grant Fund	63.07
Sinking Fund - RD	9,239.21
Regions Sinking Fund	53,505.54
KIA Sinking Fund	13,521.17
KACO Sinking Fund	2,123.99
Depreciation Fund	1,022.56
Cost of Issuance Fund 2022	2,098.00
Accrued Interest Receivable	231.00
Total Restricted Cash	81,804.54

Total Assets	\$	17,140,410.82
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Martin County Water District
Balance Sheet
April 30, 2024

4/30/24

LIABILITIES AND DISTRICT'S EQUITY

CURRENT LIABILITIES

Accounts Payable	\$	362,221.05
Sales Tax Payable		2,647.74
School Tax Payable		6,398.63
Current Portion of Lease Liabilities		9,869.98
Long Term Debt-Current		50,691.96
Accrued Interest Payable		19,937.54
Customer Deposits		100,682.29
Total Current Liabilities		552,449.19

LONG-TERM DEBT

Lease Liability - Rent		12,758.05
Lease Payable - KACO		11,221.96
Bonds Payable - 2015 E Current Refunding		1,520,000.00
Bonds Premium - 2015 E, Net of A/Amort		15,601.25
Note Payable - KIA WMAF		1,312,358.27
Current Portion of Lease Liabilities		(9,869.98)
Less Current Portion of L-Term Debt		(50,691.96)
Other Inflow Resources - Pension		22,451.00
Total Long-Term Debt		2,833,828.59

Total Liabilities

3,386,277.78

DISTRICT'S EQUITY

Retained Earnings (Deficit)		14,016,387.87
YTD Net Income		(262,254.83)
Total District's Equity		13,754,133.04

Total Liabilities and District's Equity

\$ 17,140,410.82

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

<u>April, 2024</u>			<u>YTD</u>		
<u>Actual</u>	<u>Budget</u>		<u>Actual</u>	<u>Budget</u>	<u>Annual Budget</u>
		Operating Revenues			
\$ 167,211	\$ 175,833	Water Sales - Residential	\$ 694,300	\$ 703,332	\$ 2,110,000
36,248	29,167	Water Sales - Commercial	137,242	116,668	350,000
6,853	10,417	Water Sales - Public Authorities	24,376	41,664	125,000
48	33	Bulk Water Sales	217	136	400
3,076	2,215	Connection Fees - Tap	6,076	8,860	26,580
6,420	4,583	Late Charge Fees	27,524	18,332	55,000
3,237	1,955	Reconnect/Meter Sets/Other Fees	9,505	7,825	23,465
8,670	8,917	Debt Service Surcharge	34,837	35,668	107,000
15,559	15,673	Management Infrastructure Surcharge	62,522	62,697	188,081
90	-	Miscellaneous Income	90	-	-
247,412	248,793	Total Operating Revenues	996,688	995,182	2,985,526
		Operating Expenses			
15,700	2,500	Water Purchased	43,877	10,000	30,000
168,507	168,507	Management & Operations Contract	674,028	674,028	2,022,084
23,486	27,917	Utilities	89,580	111,668	335,000
1,997	2,500	Insurance	8,156	10,000	30,000
9,206	9,167	Repairs & Maintenance	121,452	36,664	110,000
-	83	Outside Services	37	336	1,000
563	833	Legal Expenses	2,663	3,336	10,000
-	-	Accounting/Audit	8,125	8,000	8,000
3,750	3,750	Bad Debts	15,000	15,000	45,000
-	-	Bond Trustee Fees	900	500	500
428	385	Dues	1,712	1,540	4,620
292	344	Office Expense	1,504	1,378	4,130
-	833	Rent Expense	25	3,332	10,000
126	125	KY 811 Services	539	500	1,500
(739)	55	Miscellaneous Expenses	1,191	220	660
(203)	5	Customer Deposit Interest Expense	4,210	22	65
223,112	217,004	Total Operating Expenses	972,999	876,524	2,612,559
24,300	31,789	Net Income B/4 Other Income (Expenses)	23,690	118,658	372,967
		Other Income (Expenses)			
216	-	Interest Income	1,223	-	-
(4,925)	(8,333)	Interest Expense	(24,091)	(33,332)	(100,000)
(726)	63	Amortization	(2,576)	252	753
(61,000)	(65,000)	Depreciation	(256,000)	(260,000)	(780,000)
-	-	Loan Issue Costs	(4,500)	-	-
(66,435)	(73,270)	Total Other Income (Expenses)	(285,945)	(293,080)	(879,247)
\$ (42,136)	\$ (41,481)	Net Income (Loss)	\$ (262,255)	\$ (174,422)	\$ (506,280)

**Martin County Water District
Inez, KY**

Treasury Report

Billing Charges For the Month of:	Apr-24	
Water Revenue		\$ 167,211.01
Water Revenue-Commercial		36,248.17
Water Revenue-Commercial Exempt		6,852.99
Late Charges		6,420.04
Sales Taxes		2,529.16
Debt Service Surcharge		8,669.55
School Tax		6,415.82
Management Infrastructure Surcharge		15,559.07
Returned Check		491.15
Interest on Customer Deposits		203.05
Connection Fees		4,000.00
Other Miscellaneous Fees		3,210.00
Deposits Applied		(1,395.00)
Refund Checks Paid		98.99
Total Billing Charges		\$ 256,514.00
		<hr/>
Gallons Billed		12,086,000
		<hr/>
Customers Billed		3,364
		<hr/>

Accounts Receivable	Apr-24	
Beginning Balance		342,237.27
Billing Charges		256,514.00
Bad Debt (Write Offs) Recoveries		264.58
Accounts Receivable Collections		(251,226.04)
End of Month Accounts Receivable		347,789.81

Operations Account		
Beginning Balance		\$ 35,190.16
Deposits		
Accounts Receivable Collections		251,226.04
Accounts Receivable Collections - Pmts in EFT Revenue Account		(118,735.88)
Sewer Billing Collections in Water Bank Acct - Due to MCS		89,991.04
Customer Deposits Received		3,715.00
Miscellaneous Income (Tokens, Barrells, Hydrant)		158.00
Stop Pay - Rain for Rent		11,084.65
Transfers from Other District Accts		122,500.00
Total Deposits		<hr/> 359,938.85
Disbursements:		
Checks Written		(132,641.12)
Pmts made to Sanitation for A/R Collections		(109,420.47)
Transfers to Other District Accts		(45,067.51)
Auto Drafted Utilities		(21,539.10)
Customer Refund - TAP		(924.36)
Sales and School Tax Payments		(8,601.04)
End of Month Balance		\$ 76,935.41

Cash Receipts Collected To Date in:	May-24	152,059.55
Bills Submitted for Payment in:	May-24	(273,591.71)
Available Balance	3A-4	<hr/> (44,596.75)

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

Bank Account	Beginning Balance	Deposits	Interest Earned, Net of Fees	Payments	Ending Balance
Operations Account	\$ 35,190.16	359,938.85	-	(318,193.60)	\$ 76,935.41
Revenue EFT Account	5,860.39	118,783.72	-	(123,064.15)	1,579.96
Debt Service Surcharge	1,000.06	9,144.90	0.06	(9,144.96)	1,000.06
Management Infrastructure Surcharge	1,000.14	16,412.61	0.10	(16,412.75)	1,000.10
Security Deposits	97,753.79	1,710.00	4.10	(98.99)	99,368.90
Cash on Hand	900.00	-	-	-	900.00
Total Unrestricted Cash	141,704.54	505,990.08	4.26	(466,914.45)	180,784.43
Restricted Cash					
ARC Grant	63.07	-	-	-	63.07
Rockhouse Project	8,667.44	10,800.00	-	(10,228.23)	9,239.21
Regions Bank-KY 2015E Martin County	43,117.30	10,228.23	160.01	-	53,505.54
KIA Bond & Interest	13,353.43	5,800.00	0.18	(5,632.44)	13,521.17
KY Assoc of Counties Leasing Trust	1,000.16	1,200.00	0.03	(76.20)	2,123.99
Depreciation Reserve	1,022.54	-	0.02	-	1,022.56
Cost of Issuance Fund 2022	2,098.00	-	-	-	2,098.00
Certificate Fund - 2022 Debt Svc	(0.00)	-	-	-	(0.00)
Revenue Fund - 2022	-	-	-	-	-
Total Restricted Cash	69,321.94	28,028.23	160.24	(15,936.87)	81,573.54
Total Cash & Investments	\$ 211,026.48	534,018.31	164.50	(482,851.32)	\$ 262,357.97

**Martin County Water District
Billing Summary**

Date	Billed		Gallons (000'S)	Billed # of Customers	Payments Received
	Revenue	YTD Total			
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
Apr-23	224,371	877,808	13,427	3,346	219,648

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

<u>Vendor</u>	<u>Description</u>	<u>Amount</u>
Operations Account		
1 AEP	Electric (26 bills) Estimated	\$ 20,312.28
2 Big Sandy RECC	Electric (9 bills) Estimated	\$ 2,686.12
3 Paintsville Utilities	Electric for token (3/04/24 to 4/02/24) Estimated	\$ 41.56
4 Martin County Public Library	Rent (June)	\$ 843.38
5 Martin County Water District	Sanitation (Apr)	\$ 141.67
6 Sales tax	4/2024 (estimated)	\$ 2,239.34
7 School tax	4/2024 (estimated)	\$ 6,361.70
8 Alliance Water Resources	5/1/24-5/15/24 O&M services	\$ 84,253.50
9 Alliance Water Resources	5/16/24-5/31/24 O&M services	\$ 84,253.50
10 Alliance Water Resources	Insurance Policy Installment (5/10)	\$ 2,120.60
11 Alliance Water Resources	Pburg Invoice	\$ 3,240.20
12 Alliance Water Resources	Pburg Invoice	\$ 5,787.65
13 Alliance Water Resources	DEQ Invoice	\$ 15,227.94
14 Management Inf. Surcharge	Estimated (actual collected will be paid)	\$ 19,660.73
15 Debt Service Surcharge	Estimated (actual collected will be paid)	\$ 7,153.36
16 Kentucky Underground	811 Services (Apr)	\$ 126.00
17 Brian Cumbo	Legal Fees	\$ 562.50
18 Estech Systems	Phone System (Apr)	\$ 218.86
19 NexBillPay	Fees (Apr)	\$ 75.00
20 Diesel Fuel Receipts	Diesel Fuel (Apr)	\$ 4,686.03
21 H&E Equipment Services	Pump Rental	\$ 739.50
22 Prestonsburg Utilities	Purchased Water	\$ 12,458.00
23 March McLennan	D&O Insurance Policy	\$ 6,088.46
24 Rain for Rent	Pump Rental	\$ 10,920.84
25 Tug Valley Service & Supply, LLC	75 HP Motor Repaired/Returned	\$ 3,860.33
26 Microcomm	Telemetry System	\$ 6,000.00
27 CACi	Collection Agency	\$ 13.40
28 CACi	Collection Agency	\$ 27.19
29 Mountain Water District	Purchased Water	\$ 1.72
TOTAL		\$ 300,101.36

Operations Account - Debt Service Funding

Transfer Amounts

1	KIA	Monthly funding for KIA Bond/Loan	\$	-
2	KACo	Monthly funding for lease payment	\$	1,000.00
3	KRW/Regions Bank	Monthly funding for loan	\$	10,800.00
	TOTAL		\$	11,800.00

TOTAL OPERATIONS **\$ 311,901.36**

Security Deposit Account

Customer

1	Betty Cline	Deposit refund due to customer	\$	45.01
2	Janet Lemaster	Deposit refund due to customer	\$	3.16
3	Torie McCoy	Deposit refund due to customer	\$	45.55
4	Janice Pack	Deposit refund due to customer	\$	35.12
	TOTAL		\$	128.84



Martin County Water District

OUR MISSION

We partner with communities to deliver the finest water and wastewater services available at a competitive price. We are committed to keeping water safe and clean while serving people and taking care of communities with improved technical operations, careful management, and financial oversight, and ensured regulatory compliance.

Alliance Water Resources, Inc.

**206 S. Keene
St. Columbia,
MO 65201**

(573) 874-8080

APRIL 2024

Administrative

Todd Adames started as the new Divisional Manager on April 29TH.

Colby May started as the new Local Manager on May 8th.

Water Treatment

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

Tank levels are normal.

Clarifier number 3 has been sandblasted and painted.

Average flow at the Inez Water Treatment Plant was 1,422, 581.

Distribution:

Raw Water Intake pump is being ran weekly to keep reservoir levels strong and to ensure pump maintenance.

Began pumping to the prison on April 23rd.

Currently averaging 5 and half hours of pumping per day.

Token machine at Spicy Mountain is now working and customers can purchase tokens at the billing office.

Anthony Prater has completed a Sacramento Water Course



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

Safety

The monthly safety meeting was held on April 30th and covered distracted driving. Key points of the training were the importance of giving your undivided attention to driving.

Project Updates

SOURCE	AMOUNT	PROJECTS
AMLER-2017	\$3,450,000	A, B, C
COE 531 (25% Match)	\$1,869,718	B, C
ARC Grant	\$1,200,000	D
AMLER-2018	\$2,000,000	E
FEMA/STATE	\$1,201,000	K
COE 531 Partnership	\$1,500,00	B
Total Grant	\$11,220,718	

Regulatory

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

Water Plant Operation

April 2024

Water Pumped	
Total Water Production (gallons)	44,100,000
Total Water Metered/Billed (gallons)	12,086,000
Other Water Used (gallons)	269,000
Average Daily Flow (Million Gallons per Day)	1,422,581
Maximum Daily Flow (Million Gallons per Day)	1,591,000
Fluoride Used (lbs.)	418.5
Chlorine Used (lbs.)	1077
Lab Tests	3,815

Water Quality Analysis

March 2024

Test	Routine	Special	Repeat
Bacteriological	10 (Pass)	3 (Pass)	3
		Reported	Minimum Limit
Fluoride Plant Sample	30	0.79 mg/l Average	0.6 mg/l
Chlorine Distribution Sample	Total- 31 Free- 31	Low Readings Total - 0.45 mg/L Free – 0.37 mg/L	0.2 mg/l

Customer Service Request and Work Orders

Meter Reads	3304
Meter Sets	35
Turn offs-Close account	35
Taps	3
Meter Changes	14
Disconnects for Non-payment	45
Boil Notices	1
Line Locates	88
Water Leaks/Breaks	27
Other/Investigates	127

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 March 2024

Expended	Actual YTD	Annual Budget	% Budget / Line Item
Bldg. & Grounds Maintenance	\$0	\$4,000	%
Vehicle Maintenance	\$17,090	\$20,000	85%
Water Plant Maintenance	\$2,218	\$7,000	32%
Distribution System Maintenance	\$42,482	\$50,000	85%
Water Meter Maintenance	\$3,674	\$10,000	37%
Street Maintenance	\$0	\$8,000	0%
Totals	\$22,088.47	\$100,000	22%

Chemical Expenses Ending March 2024

Expended	Actual YTD	Annual Budget	% Budget / Line Item
Sodium Bisulfite	\$716		
Sodium Hydroxide		\$11,000	0%
Polymer	\$2,622	\$15,000	17%
Alum (DELPAC)	\$7,750	\$30,000	26%
Chlorine	\$8,980	\$20,000	45%
Permanganate		\$19,000	%
Fluoride	\$1,238	\$7,000	18%
Chemicals Other - Water		\$8,000	%
Totals	\$21,306	\$110,000	19%

Notes:

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

- 2) Vehicle Maintenance
 - a. Oil Changers \$184.13
 - b. Advance Auto \$337.19
 - c. Capital Tire \$363.38
 - d. Butcher's Garage \$3899.62
 - e. Wilson Equipment Co. \$7,956.31

- 3) Water Plant Maintenance
 - a. Howell's Heating and Cooling 1202.09
 - b. Advance Auto \$80.96
 - c. Lowe's \$425.99

- 4) Well Maintenance
 - a. \$0.00

- 5) Distribution System Maintenance
 - a. All Pumps Sales and Service \$21,180
 - b. Jabo Supply \$7303
 - c. Consolidated Pipe and Supply \$777.69
 - d. Harbor Freight \$180.19
 - e. R&J Building Supply \$7.41

- 6) Meter Maintenance
 - a. \$0.00

- 7) Sodium Bisulfite
 - a. CITCO Water \$262.33

- 8) Sodium Hydroxide
 - a. \$0.00

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

- 10) Polymer
 - a. \$2,622.23

- 11) Alum



Martin County Water District

a. CITCO Water \$2,219.75

12) Chlorine

a. CITCO Water \$2,252.93

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:

For the Month of: Year:

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	44,100
3	Water Purchased	3,102
4	TOTAL PRODUCED AND PURCHASED	47,202
5		
6	WATER SALES	
7	Residential	8,834
8	Commercial	3,252
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	
13	Other Sales (explain)	
14	TOTAL WATER SALES	12,086
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	269
18	Wastewater Plant	
19	System Flushing	
20	Fire Department	
21	Other Usage (explain)	
22	TOTAL OTHER WATER USED	269
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	13,000
27	Line Leaks	21,847
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	34,847
32		
33	Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4	
34		
35	WATER LOSS PERCENTAGE	
36	(Line 31 divided by Line 4)	73.83%

MARTIN COUNTY WATER & SANITATION DISTRICT
LEAK ADJUSTMENT REQUESTS
5/14/2024

BILLED GALLONS	19,630	226.36
BILLED GALLONS	24,640	278.91
AVG GALLONS/B	6,000	83.38
LEAK GALLONS/F	13,630	27.26
LEAK GALLONS/F	18,640	37.28
PAY (avg+leak cost)		231.3
WRITE OFF (billed-avg-purc		273.97
LATE PENALTIES TO ADJ		27.89

301.86

BILLED GALLONS	30,730	342.80
AVG GALLONS/B	4,000	62.40
LEAK GALLONS/F	26,730	53.46
PAY (avg+leak cost)		115.86
WRITE OFF (billed-avg-purc		226.94
LATE PENALTIES TO ADJ		0.00
SEWER	30,730	458.49
AVG SEWER/BILL	4,000	62.62
LEAK SWR ADJ	26,730	395.87
SWR PAY (AVG-LEAK)		62.62
SWR WRITE OFF		395.87
SWR PENALTIES TO ADJ		0.00

622.81

BILLED GALLONS	11,820	144.43
AVG GALLONS/B	4,000	62.40
LEAK GALLONS/F	7,820	15.64
PAY (avg+leak cost)		78.04
WRITE OFF (billed-avg-purc		66.39
LATE PENALTIES TO ADJ		0.00

66.39

BILLED GALLONS	34,580	383.18
BILLED GALLONS	53,160	578.09
AVG GALLONS/B	5,000	72.89
LEAK GALLONS/F	29,580	59.16
LEAK GALLONS/F	48,160	96.32
PAY (avg+leak cost)		132.05
WRITE OFF (billed-avg-purc		660.01
LATE PENALTIES TO ADJ		96.13
SEWER	34,580	515.51
SEWER	53,160	790.68
AVG SEWER/BILL	5,000	77.43
LEAK SWR ADJ	29,580	438.08
LEAK SWR ADJ	48,160	713.25

SWR PAY (AVG-LEAK)	154.86	
SWR WRITE OFF	1,151.33	
SWR PENALTIES TO ADJ	130.62	2,038.09

BILLED GALLONS	128,490	1368.24
AVG GALLONS/B	5,000	72.89
LEAK GALLONS/F	123,490	246.98
PAY (avg+leak cost)		319.87
WRITE OFF (billed-avg-purc		1048.37
LATE PENALTIES TO ADJ		0.00
SEWER	128,490	1906.32
AVG SEWER/BILL	5,000	77.43
LEAK SWR ADJ	123,490	1828.89
SWR PAY (AVG-LEAK)		77.43
SWR WRITE OFF		1,828.89
SWR PENALTIES TO ADJ		0.00

2,877.26

BILLED GALLONS	20,250	320.03
BILLED GALLONS	28,560	232.86
AVG GALLONS/B	8,000	121.86
LEAK GALLONS/F	12,250	24.50
LEAK GALLONS/F	20,560	41.12
PAY (avg+leak cost)		309.34
WRITE OFF (billed-avg-purc		243.55
LATE PENALTIES TO ADJ		48.07

291.62

BILLED GALLONS	27,790	311.96
BILLED GALLONS	5,000	77.43
AVG GALLONS/B	4,000	62.40
LEAK GALLONS/F	23,790	47.58
LEAK GALLONS/F	1,000	2.00
PAY (avg+leak cost)		174.38
WRITE OFF (billed-avg-purc		215.01
LATE PENALTIES TO ADJ		0.00

215.01

BILLED GALLONS	26,900	302.62
BILLED GALLONS	5,000	77.43
AVG GALLONS/B	4,000	62.40
LEAK GALLONS/F	22,900	45.80
LEAK GALLONS/F	1,000	2.00
PAY (avg+leak cost)		172.6
WRITE OFF (billed-avg-purc		207.45
LATE PENALTIES TO ADJ		0.00

207.45

BILLED GALLONS	16,480	193.32
AVG GALLONS/B	2,000	41.42
LEAK GALLONS/F	14,480	28.96

PAY (avg+leak cost)		70.38
WRITE OFF (billed-avg-purc		122.94
LATE PENALTIES TO ADJ		0.00
BILLED GALLONS	7,420	98.28
BILLED GALLONS	6,370	87.26
AVG GALLONS/B	4,000	62.40
LEAK GALLONS/F	3,420	6.84
LEAK GALLONS/F	2,370	4.74
PAY (avg+leak cost)		69.24
WRITE OFF (billed-avg-purc		49.16
LATE PENALTIES TO ADJ		9.83
SEWER	7,420	113.27
SEWER	6,370	97.72
AVG SEWER/BILL	4,000	62.62
LEAK SWR ADJ	3,420	50.65
LEAK SWR ADJ	2,370	35.10
SWR PAY (AVG-LEAK)		125.24
SWR WRITE OFF		85.75
SWR PENALTIES TO ADJ		11.33

122.94

156.07

BILLED GALLONS	8,040	111.07
BILLED GALLONS	8,640	104.78
AVG GALLONS/B	2,000	41.42
LEAK GALLONS/F	6,040	12.08
LEAK GALLONS/F	6,640	13.28
PAY (avg+leak cost)		108.2
WRITE OFF (billed-avg-purc		107.65
LATE PENALTIES TO ADJ		11.11

118.76



MEETING AGENDA
PROGRESS MTG #54
MARTIN COUNTY WATER DISTRICT
MARTIN COUNTY, KENTUCKY
May, 2024

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

SUMMARY OF PROJECT FUNDING:

<u>Source</u>	<u>Amount</u>	<u>Associated Project(s)</u>
AMLER (2017)	\$3,450,000	A,B,C
COE 531 Partnership (25% Match)	\$1,869,718	B,C
ARC Grant	\$1,200,000	D
AMLER (2018)	\$2,000,000	E
FEMA/STATE	\$1,201,000	K
COE 531 Partnership	<u>\$1,500,000</u>	B
TOTAL GRANT	\$11,220,718	

A. RWI&WTP IMPROVEMENTS

1. The WTP and RWI sites were surveyed.
2. Basins were documented for condition assessment.
3. The Preliminary Engineering Report for the project was completed and distributed.
4. The Phase I Environmental Site Assessment required by the Corps of Engineers was completed and submitted.
5. Vendor proposals for replacement equipment were requested and reviewed.
6. Plans and specifications were developed.
7. Project mapping for NEPA purposes was submitted to AML on February 6, 2020.
8. Project description and Opinion of Probable Construction Costs were submitted to AML on February 17, 2020.
9. Project was submitted for DOW review on March 13, 2020. DOW Construction Permit issued on June 3, 2020.
10. Project was submitted for a COE 4345 Permit Application review on March 20, 2020. Permit was issued on June 8, 2020.
11. The AML Authorization to Proceed was granted on July 31, 2020.
12. The Project was submitted to DOW for a Permit to Construct Along or Across a Stream on April 14, 2020. The DOW requested a public notice be run in the

- Mountain Citizen newspaper. The notice ran on June 24th, July 1st and July 8th. The period for public comments or objections related to the project ran through July 29th. The permit was issued on August 13, 2020.
13. Project was submitted to Corps of Engineers for Plan and Specification Review March 20, 2020. Corps provided review comments on April 28, 2020. Final plans and specifications including all electrical and structural components of the project were forwarded to the Corps of Engineers for final review during the week of July 13th. The Corps of Engineers completed its review of the final plans / specifications including the opinion of probable cost and certified the package.
 14. The Corps of Engineers advertised the Draft Environmental Assessment (DEA) and Finding of No Significant Impact (FONSI) for the project on August 4, 2020 for the 30-day public comment period. KY SHPO requested further consultation. The FONSI was issued October 29, 2020.
 15. Project was sent out for bidding on November 11, 2020.
 16. A pre-bid meeting for interested contractors was held @ 1:00 p.m. on December 1, 2020.
 17. Bids for the project were originally received on December 15, 2020 at 1:00 p.m. Only one bid was received (submitted by Pace Contracting). The project bid was in excess of the available funds.
 18. The project was rebid.
 19. Bids for the project rebid were opened on April 13th at 1:00 p.m. at the office of the Big Sandy Area Development District. There were four plan holders for the rebid. Only one bid was received (submitted by Pace Contracting).
 20. The bid submitted by Pace was \$3,858,387.00.
 21. The base bid of \$3,858,387.00 submitted compares to a base bid of \$3,396,220.00 submitted by Pace in December 2020. The difference was \$462,167.00 between the bids.
 22. The combined base bids for the RWI/WTP Project and Water Line Replacement in the Beauty/Lovely Project exceeded the funds available for construction activities. Given the grave condition of the Raw Water Intake and Water Treatment Plant, the MCWD took the following actions:
 - A. Deferred the construction of the Water Line Replacement in the Beauty / Lovely area until a later date and use the funds budgeted for this project for construction of the RWI/WTP Project.
 - B. Continued submitting funding requests in an effort to obtain funding to construct the Water Line Replacement Project in the Beauty / Lovely area as soon as possible.

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

TABLE 1

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

23. A letter awarding the project to Pace under the conditions outlined in Table 1 and subject to concurrence of all the state and federal agencies was sent to Pace on July 9, 2021.
24. Authorization to Proceed was received from AML on September 1, 2021. The USACE had previously granted approval.
25. Executed contract books and bonds were received from Pace on September 8, 2021.
26. A preconstruction meeting was held on September 22, 2021 at the offices of the Big Sandy Area Development District.
27. Contract books were signed and dated by the Big Sandy Area Development District at the preconstruction meeting.
28. A Notice to Proceed (NTP) was issued at the preconstruction meeting. The contract required the contractor be given ten days from the issuance of the NTP before the contract time started.
29. The Contract time began on October 4, 2021.
30. Generator start-up and training have been performed.
31. Programming of Treatment Unit 1 has been performed.
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. Water produced by this unit continues to be tested on a routine basis to ensure proper water quality is being achieved.
34. Unit 3 remains shut down as construction activity is now concentrated on this unit. All water is being produced by Units 1 and 2.

35. Painter has been onsite and applied final brush blast/paint to Basin 3. Bell Engineering reviewed the final sandblasting prior to the start of painting.
36. Alliance is reaching out to schedule replacement of the bearing in Unit 3.
37. After bearing is replaced and painting is complete, Pace will install Unit 3 Tube Settler Supports and Tube Settler Modules (should take one week to complete).
38. The executed change order for the new raw water trailer was received on February 29th. Shop drawings have been reviewed and returned to the Contractor. It is anticipated the trailer fabrication will be complete early June.

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 Concurs, 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). The base bid submitted by Boca Enterprises was in the amount of \$1,383,573.86 while the base bid submitted by B.P. Pipeline was \$1,567,638.00.
 25. The total project budget exceeded available funds and a portion of the waterline at the beginning of the project (mouth of Collins Creek) is being deleted to bring the project into budget.
 26. The bid analysis and recommendation for award has been forwarded to the District.
 27. Contract books have been prepared for signature.
 28. A pre-construction conference for the project has been scheduled for May 29th.

C. WATER SYSTEM HYDRAULIC MODELING

1. Document is required by PSC
2. Bell has completed field review of RWI, WTP, Storage Tanks, Pumping Stations and PRV's.

3. Bell & UK met in Martin County on June 21, 2019 to coordinate collection of field data the week of July 8, 2019. This effort was for calibration of the Hydraulic Model.
4. UK professors and 3 students traveled to Martin County on July 8, 2019 to begin effort of collecting field data (pressures and flows) at key points throughout the water distribution system. Bell had a team of four individuals that were to join the UK team on July 10, 2019; however, MCWD had some major line breaks on July 9, 2019 and were unable to recover water supply during the week to allow flowing water from hydrants.
5. The effort to collect flow data was rescheduled for August 6 and 7, 2019, however, on August 5, 2019 MCWD has a failure of a PRV which would not allow the flowing of the hydrants.
6. The collection of the field data was rescheduled and occurred on August 14 and 15, 2019.
7. Field data has been reviewed. UK returned to the field in an effort to repeat two tests for the Hazen Williams coefficient that appeared suspect.
8. Money is in place to pay for the Hydraulic Model through AML 2017 Grant. OSM refused to allow for payment of the CIP through the 2018 Grant. The funds associated with that have been realigned toward additional waterline replacement.
9. UK delivered testing forms to Bell.
10. PRVs, tanks, lines, etc. have been input into the model.
11. Alliance Resources provided usage data and address information for each customer to effectively distribute demand throughout the system.
12. Model was calibrated using field collected data.
13. Bell has been working with UK to coordinate modeling efforts.
14. A Zoom meeting was held between the Kentucky Division of Water, University of Kentucky and Bell on July 1, 2020 to discuss the modeling. A second Zoom meeting was held on July 7, 2020 between UK and Bell to further discuss items that are needed.
15. Data has been shared between UK and Bell.
16. A trip to obtain additional field data was made in mid-July 2020.
17. The hydraulic model is operational and has been checked against previously recorded field observations. The results being output by the model are consistent with the observations obtained in the field.
18. Bell and UK are sharing model information.
19. It was discussed that the proposed Capital Improvement Plan had been deleted from the project due to OSM declining to allow funds to be used for this purpose. See Item 8 above.

D. ARC WATERLINE REPLACEMENT/TELEMETRY PROJECT

1. Bell received the signed contract on August 2, 2019.

2. Bell and MCWD personnel have been in the field multiple times locating existing lines, surveying existing meters, valves and fire hydrants and determining routing of new water lines.
3. Location of all features affecting alignment of the waterline has been completed including gas lines.
4. Plans and specifications have been developed.
5. Project was submitted for DOW review on March 27, 2020. DOW Construction Permit issued April 27, 2020.
6. Project was submitted to KYTC on April 6, 2020 for review. KYTC Encroachment Permit was issued April 24, 2020.
7. Bids for the project were opened on May 29, 2020. Three bids were received for the project. The low bid in the amount of \$390,725.00 was submitted by Boca Enterprises, Inc.
8. A conversation was held with DLG representative on June 8, 2020 concerning using the remaining funds to continue laying additional mainline & service lines, along with, installing new meters in the Lovely area. ARC approved allowing the funds to be used to replace additional mainline, service line and water meters.
9. Issues were resolved with the Contractor concerning contract time associated with the additional construction activities.
10. The Contract has been executed and the Contractor has submitted the required performance and payment bonds.
11. A preconstruction meeting was held on September 9, 2020 at the offices of Alliance Water Resources.
12. Project construction was completed.
13. Record Drawings have been forwarded to the MCWD. Bell received the final signed Contractor pay request, the release of liens and claims and consent of surety. This information was forwarded on to the District and Big Sandy Area Development District for execution and processing.
14. The original project is closed.
15. There is \$85,832 in unspent funds from this project. The district is adding telemetry to the KY 292 Pumping Station and KY 292 South Tank with these funds. This will allow the district to monitor tank levels and water usage remotely and respond in a timely manner to breaks in the line.
16. Bids were received for the telemetry on October 26th. The single bid received was submitted by Microcomm in the amount of \$47,246.00. Microcomm equipment is currently what the District utilizes and it was a contract requirement that the equipment supplied maintain continuity of the telemetry system.
17. Project was awarded to Microcomm.
18. The Contract for the project was executed by the District and Microcomm.
19. Microcomm is currently working on the telemetry.

E. OTTO BROWN PUMP STATION AND LINE REPLACEMENT PROJECT

1. Project budget was revised and sent to AML on September 19, 2019.
2. The Memorandum of Agreement between AML and BSADD was signed by BSADD on September 25th. The MOA was signed by AML on October 1, 2019.
3. A contract for engineering services has been executed by the Big Sandy Area Development District.
4. Bell and MCWD personnel went to the field to review potential tank and pump station sites.
5. The Preliminary Engineering Report for the project is complete and has been distributed.
6. Plans have been prepared for the 250,000-gallon water storage tank.
7. Bell, Alliance and MCWD coordinated with the mineral lease holder and the surface owner concerning location of the proposed tank and pump station. BSADD, Bell and Alliance representatives met with the property owner on January 30, 2020.
8. On March 3rd, the property owner advised most of the property is permitted with only a phase one bond release.
9. Bell and Alliance met on-site with the property owner on May 5, 2020 and permission to move forward was granted.
10. The site was surveyed on May 27, 2020 and topographic mapping was developed.
11. At the request of the MCWD, work on this project was previously paused.
12. A request was submitted to AML asking that the project scope be revised. Components that would remain in the project include:
 - Upgrade of the existing Davella Pumping Station
 - Construction of a Master Meter
 - Construction of a Booster Chlorination SystemProposed revised scope components:
 - Relocate the proposed Pump Station so that it replaces the existing Otto Brown Station. This station is beyond its useful life and subject to confined space constraints.
 - Replace existing waterline in the vicinity of the Otto Brown Station that is subject to leaks.
 - Provide Modifications to the Middle Fork Tank rather than construct a new tank.
13. The request was approved by OSM.
14. Replacement water lines have been designed and reviewed with Alliance. The New Otto Brown Station has been designed and reviewed with Alliance. It will be built near the existing station. New station will be above ground

concrete block structure in order to eliminate confined space issues. Final revisions are being made.

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. KYTC is still working on the agreements. Bidding should occur in 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 in January, 2024. Currently completing roadway alignment review and existing waterline conflicts.

J. HIGH SCHOOL PUMP STATION CHECK VALVE

1. Project to move forward when funded. An updated project cost has been provided to Alliance.

K. FEMA BACKUP GENERATOR PROJECT

1. FEMA funded a project that includes the following:
 - One Generator to operate 750-HP VFD Controlled RWI Pump
 - Two Generators to operate 60-HP VFD Controlled Pumping Stations
2. The district received a letter in April from FEMA advising of award in the amount of \$1,140,300.
3. Project design is ongoing tracking toward completion when interim project funding is secured.

L. KY 292 UTILITY RELOCATION

1. Representatives of KYTC, Alliance and Bell Engineering met onsite to discuss the project.
2. Bell has been onsite to survey the property.
3. Bell prepared relocation plans and reviewed with Alliance.
4. An Opinion of Construction Cost, relocation plans and proposed engineering contract were all sent to KYTC.
5. KYTC sent Notice to Proceed with final design on February 2nd.
6. Bidding should occur in June.

M. SPICY MOUNTAIN WATER EXTENSION

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

N. TURKEY TANK REHABILITATION

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

O. INEZ UTILITY REPLACEMENT

1. Met to discuss options for replacing the utilities in Inez. Since the streets will be torn up to replace these utilities, we are attempting to incorporate some economic development components as the streets are built back. These could include wayfinding signs, trails, parks, pavilions and streetscape improvements. Bell has finalized a contract for preliminary work that will and forwarded it to the Martin County Water District for consideration. The district has forwarded it to the City of Inez and Martin County Fiscal Court for consideration. Bell has prepared two different scopes for the project with associated opinions of probable project cost. ADD intends to prepare an AMLER grant application.

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

- Inez Water Line and Valve Replacement. 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 Rehabilitation
- Kermit Water Line Connection

MARTIN COUNTY WATER DISTRICT 5 YEAR CAPITAL ITEMS							
CAPITAL PROJECTS IN GRANT PROCESS	Pnum	PRIORITY	GRANT PORTAL YEAR	CONSTRUCTION YEAR	COST	FUNDING SOURCE	COMMENTS
RT 40E - WATER IMPROVEMENT PROJECT	WX21159019	1	2023		\$ 975,000	IN GRANT PORTAL	MOVING 50+ CUSTOMERS TO NEWER 10" LINE AND ELIMINATING OLD 6" LINE THAT IS BELIEVED TO BE LEAKING
TURKEY WATER LINE REPLACEMENT	WX21159026	2	2023		\$ 6,822,000	IN GRANT PORTAL	REPLACING LINE FROM THE WATER PLANT TO THE TURKEY TANK. THIS LINE HAS HAD MULTIPLE LEAKS OVER THE YEARS AND IS A CRITICAL POINT FOR A LARGE SERVICE AREA IN THE SYSTEM.
COLDWATER LINE REPLACEMENT	WX21159023	2	2023		\$ 8,419,000	IN GRANT PORTAL	UP TO 4 WATER LINES IN THE SAME AREA WITH MANY WEAK POINTS
WATER PLANT CLARIFIER III REHAB		1	2020	2023	\$ 250,000	AML	THIS PROJECT WILL BE COMPLETED AS PART OF A LARGER PROJECT CURRENTLY UNDERWAY. RAKE DRIVE BEARING IS OUT.
TURKEY STORAGE TANK REHAB	WX21159025	1	2023		\$ 681,000	IN GRANT PORTAL	TANK IS ONE OF THE OLDEST AND IN THE WORST CONDITION IN OUR SYSTEM
Project 113-19-03 Replace Existing Mainline, Water Meters, Service Line, Valves & Hydrants in the Warfield Area	WX21159006	3	2019		\$ 1,260,658	AML	EXISTING PROJECT BIDDING SOON
Projects 113-19-05 & 113-19-06 Rehabilitation of Otto Brown Booster Station, Line replacement to Middlefork Tank, Upgrade of Davella Booster Station		1	2019 Scope changed 2022		\$ 750,000		REPLACING FAILING UNDERGROUND BOOSTER STATION IN THE SYSTEM TO ASSIST IN PROVIDING WATER TO THE AIRPORT, PRISON AND DAVELLA REGION.
FEMA BACKUP GENERATOR PROJECT	WX21159015	1	2022		\$ 1,320,000	FEMA	WILL BE GENERATOR AT 40E AND 40W BOOSTER STATIONS AND THE RAW WATER INTAKE
METER REPLACEMENT PROJECT	WX21159013	1	2023		\$ 2,000,000	IN GRANT PORTAL	REDUCE WATER LOSS, EFFECIENCY IN OPERATIONS AND ELIMINATION OF HUMAN ERROR IN METER READING
HIGH SCHOOL PUMP STATION CHECK VALVE		1	2022		\$ 81,000.00		ENABLE THE DISTRICT TO USE THE HIGH SCHOOL TANK TO PROVIDE WATER TO OTHER AREAS OF THE SYSTEM BESIDES THE HIGHSCHOOL. THIS PROJECT WILL REQUIRE A PIT INSTALLED IN THE GROUND ALONG WITH THE CHECK VALVE.
OLD ROUTE 3 - WATER IMPROVEMENT PROJECT	WX21159024	1	2023		\$ 5,066,000.00	IN GRANT PORTAL - UNFUNDED	THIS PROJECT WILL REPLACE TRANSMISSION LINE, SERVICE LINE AND METERS ALONG OLD ROUTE 3. A LINE THAT TYPICALLY SEES A LOT OF LINE LEAKS. IT WILL INSTALL VALVES EVERY 500' FOR FUTURE LEAK DETECTION.
MARTIN COUNTY WATER DISTRICT - LEAD SERVICE LINE INVENTORY	WX21159018	3	2023		\$ 299,250.00	IN GRANT PORTAL - UNFUNDED	This project is for the Utility to conduct a Lead Service Line Inventory as required under 40 CFR 141.84. This project consists of a system wide Lead Service Line (LSL) Inventory. This shall include a comprehensive inventory of each service connection within the system to determine the service line material on both sides of the meter.
WATER SYSTEM CONTROLS AND RAW WATER MODIFICATIONS PHASE III	WX21159018	3	2022		\$ 2,563,852.00	IN GRANT PORTAL - UNFUNDED	1) Replacement of Treatment Unit No. 2's Sludge Collector Drive, 2) An additional 20-Foot Section of the 10-inch DR 11 HDPE 4710 Pipe and an additional 20-Foot Section of 12" DR11 HDPE Pipe, 3) Paving of the Access Road at the Raw Water Intake Site, 4) Replacement of Carbon Steel Tube Settler Supports with 304/304L Stainless Steel Supports, 5) 60-Foot and 20-Foot Sections of 10-inch DR11 HDPE 4710 Flanged Pipe, 6) A second Pump Trailer, 7) Various Unit Price Items, 8) The project will replace existing main lines, service lines, and hydrants in an area that has been a perpetual source of leaks and breaks for the MCWD. The project will replace approximately 14,500 LF of the mainline, associated service line, and appurtenances
TOTAL					\$ 30,487,760		

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

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

MARTIN COUNTY WATER DISTRICT ANNUAL CAPITAL ITEMS

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

TOTAL	\$ 137,000.00
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May 28th, 2024

TO: Martin County Water District
Board of Directors

Memorandum

FROM: Staff

RE: 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.

May 28, 2024

Martin County Water District
Inez, KY

Identity Theft
Prevention Program

Martin County Water District

Identity Theft Prevention Program

For

Martin County Water District

387 E Main Street, Suite 140

Inez, KY 41224

Effective April 29th, 2020

Martin County Water District
Identity Theft Prevention Program

This Program is intended to identify red flags that will alert our employees when new or existing accounts are opened using false information, protect against the establishment of false accounts, provide methods to ensure existing accounts were not opened using false information, and provide measures to respond to such events.

Contact Information:

The Senior Management Person responsible for this program is:

Title: Local Manager

Phone number: 606-298-3885

Risk Assessment

Martin County Water District (the “Water District”) has conducted an internal risk assessment to evaluate how at risk the current procedures are at allowing customers to create a fraudulent account and evaluate if current (existing) accounts are being manipulated. This risk assessment evaluated how new accounts were opened and the methods used to access the account information. Using this information, the Water District was able to identify red flags that were appropriate to prevent identity theft. Current policies/practices include:

- ❑ All customers opening a new account, moving to a new address, or reinstating service must complete the Martin County Utility Board Utilities Service Application Form (copy attached) and supply a copy of their driver’s license which can be supplied In Person, Email or Fax
 - ❑ Account information can be accessed In Person
 - ❑ Account information can be accessed via Telephone (Person)
-

Detection (Red Flags):

The Water District adopts the following red flags to detect potential fraud. These are not intended to be all-inclusive and other suspicious activity may be investigated as necessary.

- Inconsistent activity patterns indicated by consumer report such as:
 - Recent and significant increase in volume of inquiries
 - Accounts closed for cause or abuse
- Identification documents appear to be altered or inconsistent
- Photo and physical description do not match appearance of applicant
- Other information is inconsistent with information provided by applicant
- Other information provided by applicant is inconsistent with information on file
- Application appears altered or destroyed and reassembled
- Information provided is associated with known fraudulent activity (e.g., address or phone number provided is same as that of a fraudulent application)
- Information commonly associated with fraudulent activity is provided by applicant (e.g., address that is a mail drop or prison, non-working phone number or associated with answering service/pager)
- SS#, address, or telephone # is the same as that of other customer at utility
- Customer fails to provide all information requested
- Personal information provided is inconsistent with information on file for a customer
- Applicant cannot provide information requested beyond what could commonly be found in a purse or wallet
- Identity theft is reported or discovered

Response

Any Alliance Water Resources (“Alliance”) employee that may suspect fraud or detect a red flag will implement the following response as applicable. All detections or suspicious red flags shall be reported to the senior management official.

- Ask applicant for additional documentation
- Any Alliance employee who becomes aware of a suspected or actual fraudulent use of a customer or potential customer’s identity must notify the Office Manager or the Local Manager if the Office Manager is not available; the Office Manager is responsible for notifying the Local Manager
- Do not open/activate the account
- Do not attempt to collect against the account but notify authorities

Personal Information Security Procedures:

The Water District adopts the following security procedures:

1. Computer monitors will not be left visible to visitors with sensitive customer information
 2. If Alliance employees leave their desks, they must clear out of sensitive customer files
 3. Alliance employees will secure sensitive files when leaving their work areas
 4. Visitors who must enter work areas where sensitive files are kept must be escorted by an Alliance employee at all times
 5. No visitors will be given any entry codes or allowed unescorted access to the office
 6. Access to sensitive information will be controlled using passwords. Passwords will consist of a mix of letters and numbers. User names and passwords will be different
 7. Passwords will not be shared or posted near workstations
 8. Anti-virus and anti-spyware programs will be run on incoming and outgoing data transmissions
 9. When sensitive data is received or transmitted, secure connections will be used and/or password protected files will be utilized
 10. The computer network will have a firewall where it connects to the Internet
 11. Any wireless network in use is secured
 12. Alliance will check references and conduct background checks before hiring employees that will have access to sensitive data
 13. Access to customer's personal identity information is limited to Alliance employees with a need to know
 14. Procedures exist for making sure that workers who leave employment or transfer to another part of Alliance no longer have access to sensitive information
 15. Alliance employees are required to notify the Office Manager and Local Manager immediately if there is a potential security breach, such as a lost or stolen laptop, etc.
 16. Alliance employees who violate security policy are subject to discipline, up to and including dismissal
 17. Sensitive paper records will be shredded before being placed into the trash
 18. Any data storage media will be disposed of by shredding, punching holes in or incineration
-

Identity Theft Prevention Program Review and Approval

This plan has been reviewed and adopted by the Water District Board of Directors. Appropriate Alliance employees have been trained on the contents and procedures of this Identity Theft Prevention Program.

Signatures:

1. Jimmy Kerr _____ Date _____
2. John Hensley _____ Date _____
3. Greg Crum _____ Date _____
4. Brian Slone _____ Date _____
5. Nina McCoy _____ Date _____

A report will be prepared annually and submitted to the governing body to include matters related to the program, the effectiveness of the policies and procedures, the oversight and effectiveness of any third-party billing and account establishment entities, a summary of any identify theft incidents and the response to the incident, and recommendations for substantial changes to the program, if any.