



BRIAN CUMBO

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ADMITTED IN KY AND WV

October 25, 2021

Public Service Commission
P.O. Box 615
Frankfort, KY 40602

RE: Martin County Water District
PSC Case No. 2020-00154

To Whom It May Concern:

Enclosed please find Martin County Water District's Notice of Filing the information packet for the October 26, 2021 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 monthly Board meeting scheduled for October 26, 2021.



BRIAN CUMBO
COUNSEL FOR MARTIN COUNTY
WATER DISTRICT
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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 25th day of October, 2021, to the following:

Public Service Commission
ATTN: Nancy Vinsel
P.O. Box 615
Frankfort, KY 40602

Hon. Mary Varson Cromer
Appalachian Citizens' Law Center, Inc.
317 Main Street
Whitesburg, KY 41858


BRIAN CUMBO

Martin County Water District
387 E. Main St.

Phone (606) 298-3885 Inez, Kentucky 41224

Regular Meeting, Tuesday, October 26, 2021 – 6:00 p.m.
Martin County Government Center (2nd Floor)

- 1) Call the meeting to order
- 2) Review and Consideration to Approve Minutes
- 3) Introduction of Guests
- 4) Review and Consideration of Financial Reports
 - A. Review and Consideration to Approve Treasurer's Report
 - B. Review and Consideration to Approve Other Financials
- 5) Review and Consideration to Approve Bills
- 6) Legal
 - A. Any Issues for Discussion with Board Attorney
- 7) Operations
 - A. Alliance Operations Report
 - B. Water Loss Report
- 8) Capital Projects Report
 - A. Project Updates
- 9) Other Old Business
 - A. Discussion About Rate Reduction for Customers Without Service for Extended Periods
 - B. Fishbeck Contract
- 10) Other New Business
- 11) Consider Motion to Convene into Closed Executive Session
- 12) Consider Motion to Close Executive Session
- 13) Other and Informational
- 14) Adjourn

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

**Martin County Water District
Regular Meeting of the Board of Directors
September 28, 2021, Meeting Minutes**

Presiding: James Kerr, Chairman
Present: Directors: Greg Crum, BJ Slone, Lee Mueller, John Hensley
Staff: Craig Miller (GM), JJ Ridings (LM), Cassandra Moore
Guests: John Willemin, Allen Aspacher,

The Regular Meeting of the Martin County Water District was held on September 28, 2021, 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 August 24, 2021, Regular Board Meeting minutes. Having no questions or further discussions, Mr. Slone motioned to accept the August 24, 2021, Regular Board Meeting minutes. Mr. Crum seconded. All ayes. Motion carried.

Mr. Kerr inquired if there were any guest requesting to speak. No guest desired to speak.

Mr. Kerr requested discussion on the review and consideration of the Financial Reports. Mr. Miller detailed each report as submitted. After further discussion, Mr. Hensley motioned to approve the Treasurer's report submitted. Mr. Slone seconded. All ayes. Motion carried. Other Financials were presented by Mr. Miller. After further discussion, Mr. Hensley motioned to approve, Mr. Crum seconded. All ayes. Motion carried.

Mr. Kerr called for review and consideration to Approve Bills. After review and no further discussion, Mr. Hensley motioned to approve the list of bills as presented. Mr. Slone seconded. All ayes. Motion carried.

Mr. Kerr asked if there were any legal issues to discuss. Mr. Cumbo addressed he had one issue, that needed to be discussed in executive session.

Mr. Kerr called for review of the Operations Report. Mr. Miller provided the Operations report. Staff has enlisted the help from Oldham County and Ky Rural Water to help locate and repair leaks. Staff is continuously working to improve the GIS system within the office and water treatment plant. Plant staff worked tirelessly with the distribution crew to move water around the system. This allowed crews to keep water in tanks while addressing leaks and failures throughout the system. The distribution team continues to train new team members, while one spot remains open. The distribution team replaced a breaker on the raw water intake pump. The pump was experiencing electrical issues which kept tripping the breaker. Once a larger, more voltage breaker was installed, the issue has subsided. Staff replaced the gate located on the reservoir dam road. There is still public access to the boat ramp. Staff currently has four vehicles in need of repair before they can be safely driven.

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

Mr. Miller presented an update on the capital projects report. The raw water intake is moving forward and will begin October 04, 2021. This project will take approximately 300 days to complete. The clarifier rebuild is currently on hold for approval of funding.

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 has been doing research into a website for the District. Rural Water Impact put together a demo website for the District that can be launched as official in days of approval. This website would allow numerous alerts to be posted and delivered to customers. If the board agrees, staff request a motion to approve this decision and the permission to begin the process of launching the new website. After further review and no further discussion, Mr. Hensley approved the decision and launching of the new website. Mr. Mueller seconded. All ayes. Motion carried. Mr. Willemin and Mr. Aspacher from Fishbeck introduced themselves and their company to the board. They outlined and explained the company agreement. They will be working with the District on a water system improvement project. Mr. Miller discussed with the board about rate reduction for customers without service for extended periods. The board and Mr. Cumbo agreed that this would need to go before the PSC first. Once the PSC made their recommendations, the board would bring back for discussion. In the meantime, those thirteen customers would be excluded from disconnects, and those accounts placed in dispute until a decision has been reach.

Mr. Kerr motioned to Convene into Closed Executive Session. Mr. Hensley motioned to approve the closed executive session. Mr. Slone seconded. All ayes. Motion carried.

Mr. Kerr motioned to Close Executive Session. Mr. Hensley motioned to approve the Close Executive Session. Mr. Mueller seconded. All ayes. Motion carried.

Mr. Kerr inquired if there were any other questions before motioning to adjourn. Nina McCoy asked if the county boil water advisories could be advertised on local news stations when issued. Mr. Miller advised he would research this and come back to the board with information.

Having no further items for discussion, Mr. Kerr requested a motion to adjourn. Mr. Slone motioned to adjourn the meeting. Mr. Crum seconded. All ayes. Motion carried. Meeting adjourned at 7:06 p.m.

Minutes approved this _____ day of _____, 2021.

James Kerr, Chairman

Cassandra Moore, District Clerk

Martin County Water District

Balance Sheet

September 30, 2021

		9/30/21
ASSETS		
CURRENT ASSETS		
Checking Account - Operations	\$	58,464.70
Revenue Fund - EFT		37,056.97
Cash on Hand		900.00
Total Cash		96,421.67
Accounts Receivable		469,806.05
Allowance for Doubtful Accounts		(108,324.21)
Unbilled Accounts Receivable		62,058.00
Inventory		4,566.18
Prepaid Expenses		581.52
Total Current Assets		525,109.21
PROPERTY, PLANT, & EQUIPMENT		
Land		214,713.83
Water Supply & Distribution System		27,316,475.43
Buildings		500,263.89
Equipment & Furniture		6,398,523.47
Vehicles		307,473.65
Construction Work in Progress		961,836.70
Less: Accumulated Depreciation		(17,727,379.38)
Net Property, Plant, & Equipment		17,971,907.59
RESTRICTED CASH		
Security Deposits		181,661.58
Grant Fund		63.04
Sinking Fund - RD		7,388.68
Regions Sinking Fund		68,648.56
KIA Sinking Fund		11,713.72
KACO Sinking Fund		7,167.35
Debt Service Surcharge Fund		1,916.65
Management Infrastructure Surcharge Fund		1,000.19
Depreciation Fund		1,021.94
Accrued Interest Receivable		1.00
Total Restricted Cash		280,582.71
OTHER ASSETS		
Deferred Outflows of Resources Related to Pensions		134,959.00
Total Other Assets		134,959.00
Total Assets	\$	18,912,558.51

Martin County Water District
Balance Sheet
September 30, 2021

9/30/21

LIABILITIES AND DISTRICT'S EQUITY

CURRENT LIABILITIES

Accounts Payable	\$	1,164,192.36
Sales Tax Payable		2,129.74
School Tax Payable		(6,510.62)
Long Term Debt-Current		131,281.02
Accrued Interest Payable		12,958.89
Customer Deposits		81,727.44
Total Current Liabilities		1,385,778.83

LONG-TERM DEBT

Note Payable - KIA		355,805.85
Lease Payable - KACO		56,221.96
Bonds Payable - 2015 E Current Refunding		1,705,000.00
Bonds Premium - 2015 E, Net of A/Amort		17,552.11
Less Current Portion of L-Term Debt		(131,281.02)
Net Pension Liability		1,080,845.00
Other Inflow Resources - Pension		480,553.00
Total Long-Term Debt		3,564,696.90

Total Liabilities

4,950,475.73

DISTRICT'S EQUITY

Retained Earnings (Deficit)		13,749,196.33
YTD Net Income		212,886.45
Total District's Equity		13,962,082.78

Total Liabilities and District's Equity

\$ 18,912,558.51

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

<u>September, 2021</u>			<u>YTD</u>		<u>Annual Budget</u>
<u>Actual</u>	<u>Budget</u>		<u>Actual</u>	<u>Budget</u>	<u>Budget</u>
		Operating Revenues			
\$ 180,353	\$ 163,152	Water Sales - Residential	\$ 1,383,242	\$ 1,522,743	\$ 2,010,893
44,833	26,748	Water Sales - Commercial	233,238	240,732	320,978
(1,638)	7,792	Water Sales - Public Authorities	65,272	70,128	93,504
-	4	Bulk Water Sales	251	36	50
-	2,194	Connection Fees - Tap	17,612	19,746	26,333
5,630	1,491	Late Charge Fees	43,546	13,419	17,888
1,327	2,049	Reconnect/Meter Sets/Other Fees	25,756	18,441	24,585
8,917	8,937	Debt Service Surcharge	80,558	80,433	107,241
15,999	16,038	Management Infrastructure Surcharge	144,623	144,342	192,456
14,756	436	Miscellaneous Income	86,160	3,924	5,233
270,178	228,841	Total Operating Revenues	2,080,259	2,113,944	2,799,161
		Operating Expenses			
9,370	-	Water Purchased	31,295	-	10,000
123,218	168,507	Management & Operations Contract	1,377,306	1,516,563	2,022,079
37,880	21,667	Utilities	254,895	195,003	260,000
(867)	2,500	Insurance	18,513	22,500	30,000
-	833	Repairs & Maintenance	13,005	7,497	10,000
-	-	Materials & Supplies	166	-	-
939	833	Outside Services	3,100	7,497	10,000
4,262	625	Legal Expenses	15,050	5,625	7,500
-	-	Accounting/Audit	7,725	7,800	7,800
4,583	4,583	Bad Debts	41,249	41,247	55,000
-	121	Bond Trustee Fees	450	1,089	1,450
1,850	154	Dues	4,070	1,386	1,850
109	271	Office Expense	2,338	2,439	3,250
105	-	Rent Expense	105	-	-
-	-	Taxes	5,035	-	-
796	750	Regulatory Assess Fees	7,257	6,750	9,000
-	-	Permits	15	-	-
-	667	KY 811 Services	-	6,003	8,000
91	125	Miscellaneous Expenses	1,896	1,125	1,500
182,336	201,636	Total Operating Expenses	1,783,472	1,822,524	2,437,429
87,842	27,205	Net Income B/4 Other Income (Expenses)	296,787	291,420	361,732
		Other Income (Expenses)			
-	-	Capital Contributions	560,746	-	-
8	40	Interest Income	81	360	483
(5,815)	(6,705)	Interest Expense	(60,293)	(60,345)	(80,458)
63	63	Amortization	565	567	753
(65,000)	(65,000)	Depreciation	(585,000)	(585,000)	(780,000)
(70,744)	(71,602)	Total Other Income (Expenses)	(83,901)	(644,418)	(859,222)
\$ 17,098	\$ (44,397)	Net Income (Loss)	\$ 212,886	\$ (352,998)	\$ (497,490)

**Martin County Water District
Inez, KY**

Treasury Report

Billing Charges For the Month of:		Sep-21	
Water Revenue		\$	180,473.15
Water Revenue-Commercial			44,833.26
Water Revenue-Commercial Exempt			(1,637.94)
Late Charges			5,629.91
Sales Taxes			2,689.94
Debt Service Surcharge			8,917.18
School Tax			6,710.24
Management Infrastructure Surcharge			15,998.81
Returned Check			493.82
Connection Fees			-
Due Back to CAP			-
Other Miscellaneous Fees			858.00
Deposits Applied			(1,575.00)
Refund Checks Paid			103.26
Total Billing Charges		\$	263,494.63
Gallons Billed			17,268,040
Customers Billed			3,562
<hr/>			
Accounts Receivable		Sep-21	
Beginning Balance			399,435.79
Billing Charges			263,494.63
Bad Debt (Write Offs) Recoveries			-
Accounts Receivable Collections			(232,135.43)
End of Month Accounts Receivable			430,794.99
<hr/>			
Operations Account			
Beginning Balance		\$	52,170.50
Deposits			
Accounts Receivable Collections			232,135.43
Accounts Receivable Collections - Pmts in EFT Revenue Account			(86,204.15)
Sewer Billing Collections in Water Bank Acct - Due to MCS			63,898.73
Deposits Received			1,620.00
Transfers from Other District Accts			88,500.00
Miscellaneous Receipts (KACO, FEMA)			15,799.21
Other Receipts (Hydrant Meter)			469.35
Total Deposits			316,218.57
Disbursements:			
Checks Written			(145,982.69)
Pmts made to Sanitation for A/R Collections			(73,997.67)
Transfers to Other District Accts			(57,719.83)
Auto Drafted Utilities			(32,103.39)
Returned Checks			(90.79)
Bank Fees			(30.00)
End of Month Balance		\$	58,464.70
<hr/>			
Cash Receipts Collected To Date in:	Oct-21		312,267.96
Bills Submitted for Payment in:	Oct-21		(256,851.05)
Available Balance			113,881.61

**Martin County Water District
Inez, KY
Treasury Report
Summary of Cash & Investments
September 30, 2021**

Bank Account	Beginning Balance	Deposits	Interest Earned, Net of Fees	Payments	Ending Balance
	198,188.07				
Operations Account	\$ 52,170.50	316,218.57	-	(309,924.37)	\$ 58,464.70
Revenue EFT Account	39,894.39	86,204.15	-	(89,041.57)	37,056.97
Cash on Hand	900.00	-	-	-	900.00
Total Unrestricted Cash	92,964.89	402,422.72	-	(398,965.94)	96,421.67
Restricted Cash					
Security Deposits	180,137.34	1,620.00	7.50	(103.26)	181,661.58
ARC Grant	63.04	-	-	-	63.04
Rockhouse Project	7,032.33	10,800.00	-	(10,443.65)	7,388.68
Regions Bank-KY 2015E Martin County	58,203.79	10,443.65	1.12	-	68,648.56
KIA Bond & Interest	11,594.23	5,800.00	0.15	(5,680.66)	11,713.72
KY Assoc of Counties Leasing Trust	6,275.21	1,200.00	0.11	(307.97)	7,167.35
Debt Service Surcharge	1,000.12	13,711.36	0.11	(12,794.94)	1,916.65
Management Infrastructure Surcharge	1,000.22	24,588.47	0.19	(24,588.69)	1,000.19
Depreciation Reserve	1,021.92	-	0.02	-	1,021.94
Total Restricted Cash	266,328.20	68,163.48	9.20	(53,919.17)	280,581.71
Total Cash & Investments	\$ 359,293.09	470,586.20	9.20	(452,885.11)	\$ 377,003.38

**Martin County Water District
Billing Summary**

Date	Billed		Gallons (000'S)	Billed # of Customers	Payments Received
	Revenue	YTD Total			
Sep-21	239,376	1,701,601	17,268	3,562	232,135
Aug-21	205,478	1,462,225	13,141	3,561	218,646
Jul-21	187,538	1,256,747	13,937	3,571	231,387
Jun-21	198,188	1,069,209	15,411	3,577	220,666
May-21	166,612	871,021	11,619	3,579	210,056
Apr-21	177,176	704,409	13,070	3,607	208,321
Mar-21	168,943	527,233	11,672	3,589	221,475
Feb-21	174,700	358,289	12,558	3,623	178,814
Jan-21	183,589	183,589	13,253	3,497	325,483
Dec-20	176,266	2,424,068	12,219	3,501	201,732
Nov-20	183,638	2,247,802	13,274	3,501	178,105
Oct-20	183,281	2,064,164	13,297	3,496	213,095
Sep-20	181,546	1,880,884	12,276	3,490	188,022

Martin County Water District

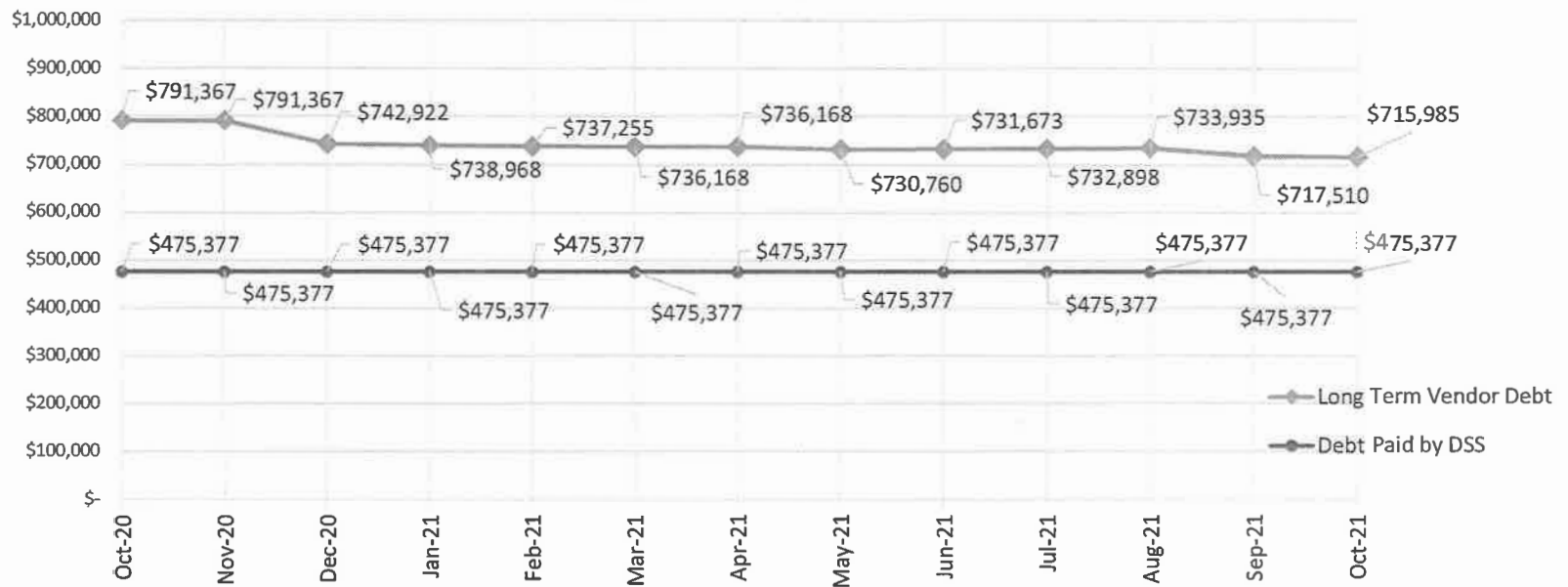
Net Income on a Cash Basis (Snapshot) EXCLUDES DEPRECIATION (format Revised 28 July 20)

	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21
REVENUE													
Customer Count	3,490	3,496	3,501	3,501	3,497	3,623	3,589	3,607	3,579	3,577	3,571	3,561	3,562
Payments Received	\$188,022	\$213,095	\$178,105	\$201,732	\$325,483	\$178,814	\$221,475	\$208,321	\$210,056	\$220,666	\$231,387	\$218,646	\$232,135
EXPENSES													
Operations Account	\$239,610	\$247,224	\$233,190	\$232,012	\$222,042	\$220,106	\$216,707	\$230,318	\$222,369	\$239,191	\$239,068	\$231,079	\$256,851
Transfers for debt serv funding	\$17,800	\$17,800	\$17,800	\$17,800	\$17,800	\$17,800	\$17,800	\$17,800	\$17,800	\$17,800	\$17,800	\$17,800	\$17,800
Payment Plans	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
DSS EXP/ (FUNDING)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,000	\$0	\$0	\$0
MIS EXP / (FUNDING)													
Sub total	\$257,410	\$265,024	\$250,990	\$249,812	\$239,842	\$237,906	\$234,507	\$248,118	\$240,169	\$271,991	\$256,868	\$248,879	\$274,651
NET INCOME													
Cash Basis	-\$69,388	-\$51,929	-\$72,885	-\$48,080	\$85,640	-\$59,092	-\$13,032	-\$39,797	-\$30,113	-\$51,325	-\$25,481	-\$30,233	-\$42,516

Notes:

- 1: **Payments Received** are those received for the full month
- 2: **Expenses** are those planned and presented in the Board Packet for the referenced month
- 3: **Payment Plans** are payments towards outstanding debt not funded by DSS
- 4: **Operations Account Includes** the estimated DSS and MIS transfers
- 5: **MIS EXP** estimated funds applied to AWR Invoice (An Operations Account Expense) estimated DSS and MIS transfers
- 6: MIS fund beginning balance January 2020-of \$12,244 applied to AWR fee in June
7. Balance of debt -payments to be funded with unused DSS= **\$475,377**
- 8: **Based on the requirements there will be deposits and subsequent withdrawals in DSS/MIS accounts with a likely sum of zero monthly**
- 9: **\$15,000 payment made to Xylem from the DSS account not reported in the June 2021 column until the September 2021 financials.**

Martin County Water District Outstanding Vendor Debt



Vendor Balance

Period: 09/01/21..09/30/21

Martin County Water District

No.	Name	Year-To-Date Ending Balance 09/30/21
DOMESTIC		
V00006	BRIAN CUMBO	-36,471.50
V00012	Xylem	-78,739.10
V00013	ALL PUMPS SALES & SERVICES	-8,411.90
V00014	CI THORNBURG	-36,345.26
V00015	CI THORNBURG-VFD#2	-12,071.32
V00016	EVANS HARDWARE	-30,362.72
V00017	EVANS HARDWARE #2	-18,820.64
V00018	LINDA SUMPTER, CPA	-151,942.35
V00020	SERVICE PUMPS & SUPPLY	-21,282.99
V00021	SOLES ELECTRIC COMPANY	-13,300.00
V00022	UNITED RENTALS	-56,722.94
V00023	ZIP ZONE EXPRESS	-256,726.95
Total in \$		-721,197.67

Martin County Water District, Inez KY
List of Bills for Consideration
26-Oct-21

<u>Vendor</u>	<u>Description</u>	<u>Amount</u>
Operations Account		
1 AEP	Electric (26 bills) Estimated	\$ 37,577.97
2 Big Sandy RECC	Electric (9 bills) Estimated	\$ 2,427.35
3 Paintsville Utilities	Electric for token (7/8/21 to 8/8/21) Estimated	\$ 60.63
4 Martin County Public Library	Rent (Oct)	\$ 796.12
6 Martin County Water Distriect	Sanitation Aug	\$ 141.67
7 Sales tax	07/2021 (estimated)	\$ 1,381.09
8 School tax	07/2021 (estimated)	\$ 7,680.98
9 Alliance Water Resources	9/1/21-9/15/21 O&M services	\$ 82,222.75
10 Alliance Water Resources	9/15/21-9/30/21 O&M services	\$ 82,222.75
11 Alliance Water Resources	9/21 Suddenlink Reimbursement (estimated)	\$ 74.14
12 Alliance Water Resources	9/21 Suddenlink Reimbursement (estimated)	\$ 34.95
13 Management Inf. Surcharge	Estimated (actual collected will be paid)	\$ 14,461.63
14 Debt Service Surcharge	Estimated (actual collected will be paid)	\$ 8,060.67
15 Walker Communications	Phone maintenance (Sept)	\$ 89.00
17 Brian Cumbo	Legal Fees	\$ 5,437.40
18 Mountain Citizens	Notice	\$ 61.03
19 Prestonsburg City's Utilities	Purchased Water	\$ 11,162.00
20 KY Underground Protection	811 Services	\$ 139.50
21 Rural Water Impact	Website	\$ 798.45
22 Mountain Water District	Purchased Water	\$ 170.97
23 KRWA	Membership Dues	\$ 1,850.00
TOTAL		\$ 256,851.05

The following invoices have already been paid via auto debit or to avoid service interruption(s) and/or late fees.

2 Zoom	Zoom subscription (June)	\$ 15.89
TOTAL		\$ 15.89

**Martin County Water District, Inez KY
List of Bills for Consideration
26-Oct-21**

<u>Vendor</u>	<u>Description</u>	<u>Amount</u>
Operations Account - Debt Service Funding		Transfer Amounts
1 KIA	Monthly funding for KIA Bond/Loan	\$ 5,800.00
2 KACo	Monthly funding for lease payment	\$ 1,200.00
3 KRW/Regions Bank	Monthly funding for loan	\$ 10,800.00
TOTAL		\$ 17,800.00
 TOTAL OPERATIONS		 \$ 274,666.94
 PAST DUE ACCOUNTS		 (Based on cash availabilty) 9/30/2021
1 CI Thornburg VFD # 2	VFD	\$ 12,071.32
2 Xylem	Pump rental	\$ 78,739.10
3 Soles Electric	Pump service	\$ 13,300.00
4 Service Pump & Supply	Pump service	\$ 21,282.99
5 All Pumps Sales & Services	Pump service	\$ 8,411.90
6 Cumbo Law Office	Legal service	\$ 36,471.50
7 Evans Hardware #2	Parts & supplies	\$ 18,820.64
8 United Rentals	Pump Rental	\$ 56,722.94
TOTAL		\$ 245,820.39
 DSS Account		 (Based on cash availabilty)
1 Evans Hardware	Parts & supplies	\$ 30,362.72
2 CI Thornburg	Parts & supplies	\$ 36,345.26
3 Linda Sumpter CPA	Accounting fees	\$ 151,942.35
4 Zip Zone	Fuel	\$ 256,726.95
TOTAL		\$ 475,377.28
 Total Past Due Accounts		 \$ 721,197.67

Martin County Water District, Inez KY
List of Bills for Consideration
26-Oct-21

<u>Vendor</u>	<u>Description</u>	<u>Amount</u>
Security Deposit Account		
Customer		
1 Brian & Amanda Preece	Deposit refund due to customer	\$ 16.38
2 Mark Beck	Deposit refund due to customer	\$ 15.67
3 George Newsome IV	Deposit refund due to customer	\$ 99.09
4 Andrew Stacy	Deposit refund due to customer	\$ 24.96
TOTAL		\$ 156.10



Professional Water and Wastewater Operations

Martin County Water District

OUR MISSION

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

Alliance Water Resources, Inc.

206 S. Keene
St. Columbia,
MO 65201

(573)874-8080

OCTOBER 2021

Administrative

Staff has continued working together on plotting leaks on GIS.

Water Treatment

Plant staff worked with distribution crews to move water around the system to keep water in the tanks while crews were addressing leaks and failures throughout the system. Plant staff provided information to the crews about tank levels and pressure fluctuations in the system.

Distribution:

A crew from Oldham County and Kentucky Rural Water came in to help the distribution team with repairs.

Water loss for the month of September was 62.5%

The 4MGD raw water intake pump had to be taken in for repairs. The Volute separated and bolts were broken off of the casing.

The distribution crew hired Ed Hinkle and the team is currently fully staffed.



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Martin County Water District

Summary:

We are continuing to serve MCWD in the most efficient manner possible. While we continue to face challenging situations, we are making progress with processes and organization and are looking forward to continuing to grow and make progress in our system.

Customer Service:

Staff had a customer in the Warfield area call the billing office and thank the staff for fixing a leak in front of his property. Stated he appreciated all the hard work and time that went into fixing it.

Project Updates

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

Safety

Safety meetings in covered excavation and safety.

Regulatory

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

Training

Several distribution employees are scheduled for examination.



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Water Plant Operation

Water Pumped – September	
Total Water Production (gallons)	48,545,000
Total Water Metered/Billed (gallons)	13,141,000
Other Water Used (gallons)	879,000
Total Water Loss (gallons)	37,532,000
Portion of TWL due to Main Breaks (gallons)	
Average Daily Flow (Million Gallons per Day)	1.618 MGD
Maximum Daily Flow	1.692 MGD
Fluoride Used (lbs.)	387.1 LBS
Chlorine Used (lbs.)	1,775 LBS
Lab Tests	3,630 TESTS

Water Quality Analysis

Test	Routine	Special	Repeat
Bacteriological	10 (Pass)	9 (Pass)	
		Reported	Minimum Limit
Fluoride Plant Sample	30	0.84 mg/l Average	0.6 mg/l
Chlorine Distribution Sample	38 38	Low Readings Total - 0.37 mg/L Free – 0.31 mg/L	0.2 mg/l



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Martin County Water District

Customer Service Request and Work Orders

Meter Reads	3398
Meter Sets	20
Turn offs-Close account	18
Taps	0
Meter Changes	8
Disconnects for Non-payment	41
Boil Notices	2
Line Locates	71
Water Leaks/Breaks	41
Other/Investigates	201

Water Main Breaks & Service Lines

Date	Location	Pipe Size/Type	Estimated Water Loss (gallons)
9/1/21	BIG ELK RD	¾" SERVICE	131,000
9/7/21	8560 BEAUTY RD	¾" SERVICE	917,000
9/7/21	POPLAR FORK	4" MAIN	287,000
9/10/21	531 SALTWELL RD	¾" SERVICE	590,000
9/10/21	BLACKLOG RD	¾" SERVICE	590,000
9/11/21	7769 RIVEERFRONT RD	¾" SERVICE	760,000
9/14/21	HODE RD	¾" SERVICE	1,492,000
9/23/21	263 COLLINS CREEK	¾" SERVICE	1,689,000
9/23/21	7360 BEAUTY RD	¾" SERVICE	331,000
9/23/21	5237 BUFFALO HORN	¾" SERVICE	331,000
9/24/21	819 POPLAR FORK	6" MAIN	656,000
9/24/21	200 HORSE BRANCH RD	¾" SERVICE	346,000
9/24/21	33 COLLINS CREEK	¾" SERVICE	1,763,000
9/27/21	57 SALTWELL RD	¾" SERVICE	1,866,000
9/27/21	5284 TURKEY CREEK	¾" SERVICE	1,983,000
9/27/21	3917 MILO RD	6" MAIN	1,594,000
9/28/21	114 BOONE BRANCH	3/4" SERVICE	403,000
9/28/21	1589 RIVERFRONT RD	¾" SERVICE	403,000
9/28/21	4786 BLACKLOG RD	3/4" SERVICE	1,670,000
9/28/21	4782 BIG ELK	3/4" SERVICE	1,613,000
9/29/21	33 SPENCE MOUNTAIN	¾" SERVICE	1,670,000



Martin County Water District

9/29/21	175 CASSIDY AVE	¾" SERVICE	418,000
9/29/21	5284 TURKEY CREEK	4" MAIN	459,000
9/29/21	231 MUMFORD RD	¾" SERVICE	418,000
9/29/21	18 MEADOW LARK LN	¾" SERVICE	418,000
9/29/21	4786 BLACKLOG RD	¾" SERVICE	418,000

Repair Expenses Ending August 2021

Expended	Actual YTD	Annual Budget	% Budget / Line Item
Bldg. & Grounds Maintenance	\$358	\$7,000	5%
Vehicle Maintenance	\$48,933	\$25,000	196%
Water Plant Maintenance	\$13,227	\$15,000	86%
Well Maintenance	\$0	\$0	0%
Distribution System Maintenance	\$157,395	\$60,000	262%
Water Meter Maintenance	\$1,728	\$10,000	17%
Street Maintenance	\$7,305	\$8,000	91%
Totals	\$228,946	\$125,000	183%

Chemical Expenses Ending August 2021

Expended	Actual YTD	Annual Budget	% Budget / Line Item
Sodium Bisulfite	\$1,081		
Sodium Hydroxide	\$7,249	\$11,000	66%
Sulfuric Acid	\$1,810		
Lime/Caustic Soda	\$0	\$30,000	0%
Polymer	\$2,816	\$15,000	19%
Alum	\$20,955	\$0	N/A
Chlorine	\$16,287	\$20,000	81%
Permanganate	\$1,192	\$19,000	6%
Fluoride	\$0	\$7,000	0%
Chemicals Other - Water	\$9,764	\$8,000	122%
Totals	\$61,154	\$110,000	56%

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Martin County Water District

Notes:

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

- 2) Vehicle Maintenance
 - a. Advance Auto Parts - \$79.48
 - b. Advance Auto Parts - \$24.99
 - c. Trinity Equipment Parts - \$17.71
 - d. Fast Change Lube & - \$57.20
 - e. Roy M. Kirk II - \$1020.00
 - f. Advance Auto Parts - \$25.40
 - g. Inez Citgo - \$19.04
 - h. Inez Citgo - \$6.99
 - i. Fast Change Lube & Oil - 95.34
 - j. Middlefork Service Center, LLC - 79.50
 - k. Roy M. Kirk II - \$720.00
 - l. Roy M. Kirk II - 300.00
 - m. Advance Auto Parts - \$190.79
 - n. Roy M. Kirk II - 120.00
 - o. Advance Auto Parts - \$15.89
 - p. Roy M. Kirk II - \$120.00
 - q. Roy M. Kirk II - \$755.00
 - r. Roy M. Kirk II - \$600.00
 - s. Advance Auto Parts - \$9.53
 - t. Advance Auto Parts - \$90.05
 - u. Advance Auto Parts - \$32.84
 - v. Hutch Chrysler - \$2300.48

- 3) Water Plant Maintenance
 - a. Micro-Comm, Inc. - \$289.43

- 4) Well Maintenance
 - a. \$0.00

- 5) Distribution System Maintenance
 - a. Consolidated Pipe & Supply Co., Inc. - \$2,021.18
 - b. Consolidated Pipe & Supply Co., Inc. - \$2,345.12
 - c. Consolidated Pipe & Supply Co., Inc. - \$2,011.25
 - d. Service Pump & Supply Co., Inc. - \$5,967.80
 - e. Service Pump & Supply Co., Inc. - \$1,272.51
 - f. Consolidated Pipe & Supply Co., Inc. - \$408.84
 - g. Consolidated Pipe & Supply Co., Inc. - \$137.80
 - h. Consolidated Pipe & Supply Co., Inc. - \$558.22
 - i. Consolidated Pipe & Supply Co., Inc. - \$137.02
 - j. Consolidated Pipe & Supply Co., Inc. - \$50.88
 - k. Consolidated Pipe & Supply Co., Inc. - \$258.68



Martin County Water District

- l. Consolidated Pipe & Supply Co., Inc. – \$405.13
- m. Consolidated Pipe & Supply Co., Inc. - \$957.10
- n. Consolidated Pipe & Supply Co., Inc. - \$1,901.79
- o. Odell’s Trucking Company LLC – \$375.00
- p. Odell’s Trucking Company LLC - \$250.00
- q. Consolidated Pipe & Supply Co., Inc. - \$123.82
- r. Consolidated Pipe & Supply Co., Inc. - \$586.34
- s. Consolidated Pipe & Supply Co., Inc. - \$1,739.75
- t. Tug Valley Service & Supply - \$2,862.65
- u. Roy M. Kirk II - \$500.00
- v. Roy M. Kirk II - \$180.00
- w. Roy M. Kirk II - \$300.00
- x. Roy M. Kirk II - \$800.00
- y. Advance Auto Parts - \$ 70.99
- z. Roy M. Kirk II - \$300.00
- aa. Roy M. Kirk II - \$525.00
- bb. Consolidated Pipe & Supply - \$410.62
- cc. Consolidated Pipe & Supply - \$2,247.04
- dd. Warren Pump & Supply - \$129.05
- ee. Lowes - \$53.10
- ff. Evans Hardware - \$12.70
- gg. Lowes - \$24.33
- hh. Ferguson Waterworks - \$63.26
- ii. Consolidated Pipe & Supply - \$2,613.96
- jj. Ferguson Waterworks - \$381.60
- kk. Roy M. Kirk II - \$355.00
- ll. Consolidated Pipe & Supply Co., Inc. - \$966.72
- mm. Consolidated Pipe & Supply Co., Inc. - \$2,364.54
- nn. Odell’s Trucking Company LLC - \$250.00
- oo. All-Pumps Sales & Service, Inc - \$3,177.50
- pp. Tug Valley Service & Supply - \$850.00
- qq. Roy M. Kirk II - \$405.00
- rr. Consolidated Pipe & Supply Co., Inc. - \$369.88
- ss. Odell’s Trucking Company LLC - \$875.00
- tt. Jabo Supply - \$12.79
- uu. Warren Pump & Supply - \$62.37
- vv. Lowes - \$61.12
- ww. Tractor Supply - \$381.58
- xx. Warren Pump & Supply - \$680.68
- yy. Galco Industries - \$481.85
- zz. Galco Industries - \$1,306.28
- aaa. Evans Hardware Inc. - \$12.17
- bbb. Evans Hardware Inc. - \$5.61



Martin County Water District

- 6) Meter Maintenance
 - a. Consolidated Pipe & Supply - \$121.90

- 7) Street Bisulfite
 - a. CITGO Water - \$163.97

- 8) Sodium Hydroxide
 - a. \$0.00

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

- 10) Polymer
 - a. \$0.00

- 11) Alum
 - a. Brenntag Mid-South, Inc. - \$4,488.00
 - b.

- 12) Chlorine
 - a. CITGO Water - \$941.67
 - b. CITGO Water - \$491.82
 - c. CITGO Water - \$1,420.04

- 13) Permanganate
 - a. Brenntag Mid-South, Inc. - \$550.14

- 14) Fluoride
 - a. \$0.00

- 15) Chemicals Other – Water
 - a. CITGO Water - \$1,294.89
 - b. CITGO Water - \$890.40
 - c. CITGO Water - \$1,520.60
 - d. CITGO Water - \$1,526.18

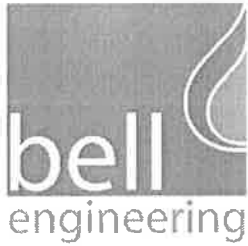
PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

Water Utility: Martin County Water District

For the Month of: September Year: 2021

LINE #	ITEM	GALLONS (Qmif 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	48,545
3	Water Purchased	
4	TOTAL PRODUCED AND PURCHASED	48,545
5		
6	WATER SALES	
7	Residential	12,662
8	Commercial	4,606
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	
13	Other Sales (explain)	
14	TOTAL WATER SALES	17,268
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	879
18	Wastewater Plant	
19	System Flushing	
20	Fire Department	
21	Other Usage (explain)	
22	TOTAL OTHER WATER USED	879
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	23,217
27	Line Leaks	7,181
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	30,398
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)	62.62%



MEETING AGENDA
PROGRESS MTG #26
MARTIN COUNTY WATER DISTRICT
MARTIN COUNTY, KENTUCKY
September 14, 2021

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>
AML Pilot NEXUS Grant (2017)	\$3,450,000	A,B,C,D
COE 531 Partnership (25% Match)	\$1,869,718	B,C
ARC Grant	\$1,200,000	E
AML Pilot NEXUS Grant (2018)	<u>\$2,000,000</u>	G
TOTAL GRANT	\$8,519,718	

A. CONTRACT 113-19-01

RAW WATER INTAKE IMPROVEMENTS (PUMP PURCHASE ONLY)

1. AML provided clearance to advertise for bids on June 13, 2019.
2. Bids were opened at BSADD at 11:00 AM Wednesday July 3, 2019. Xylem Dewatering Solutions was the only bid received in the amount of \$470,286.07, compared to Bell's opinion of cost of \$500,000.00.
3. Bell made recommendation to award to BSADD and they along with MCWD agreed to accept the bid.
4. On July 29, 2019 Bell received the AML Contractor/Subcontractor Information, Campaign Finance Law Compliance and Affidavit for Bidders Forms from Xylem. These were forwarded to AML.
5. On August 9, 2019 AML advised Xylem had cleared the AVS check and the contract could be signed. Contract documents were forwarded to Xylem.
6. Contract documents were executed by both Xylem and the BSADD. A Notice to Proceed was issued to Xylem after the contracts were executed.
7. The 2 MG pump, 4 MG pump, 2 MG variable speed drive, 4 MG variable speed drive (VFD) and the river screen are complete.

**B. CONTRACT 113-19-02
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 last December. The difference is \$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. Defer 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 9th.

24. Authorization to Proceed was received from AML on September 1. The USACE had previously granted approval.
25. Executed contract books and bonds were received from Pace on September 8, 2021.
26. A preconstruction meeting is scheduled for September 22, 2021 at the offices of the Big Sandy Area Development District at 11:00 a.m.
27. Contract books will be signed and dated by the Big Sandy Area Development District at the preconstruction meeting.
28. A Notice to Proceed (NTP) will be issued at the meeting. The contract requires the contractor be given ten days from the issuance of the NTP before the contract time will start.
29. The Contract time will begin on October 4, 2021. The contract period is 270 days to substantial completion and 300 days to final completion.

**C. CONTRACT 113-19-03
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 has 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 30th 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 Conhurst, 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. The combined base bid for the RWI/WTP Project and Water Line Replacement in the Beauty/Lovely Project exceeds the funds available for construction activities. Given the grave condition of the Raw Water Intake and Water Treatment Plant, the MCWD is deferring construction of the Water Line Replacement. The MCWD is seeking funding for this project by working with Congressman Rogers office on a potential federal earmark and by seeking a portion of the \$49.5 M from the state for underfunded projects.

D. WATER SYSTEM CAPITAL IMPROVEMENT PLAN / 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.

E. CONTRACT 113-19-04

ARC WATERLINE REPLACEMENT 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 is complete. A final walkthrough was conducted on June 22nd and a list of deficiencies prepared. The contractor is to address those deficiencies and the project can then be closed. Contractor is currently awaiting delivery of the ladder for the master meter vault so it can be installed.
13. Record Drawings have been forwarded to the MCWD.

**F. CONTRACT 695-19-01
HIGH SCHOOL WATER STORAGE TANK & BOOSTER PUMP STATION
TELEMETRY**

1. Bell received the signed contract on August 14, 2019.
2. The project was advertised for bids on August 21, 2019 and was advertised a second time on September 11, 2019.
3. Bids for the project were opened September 26, 2019 @ 5:00 p.m. at the offices of the Martin County Fiscal Court.
4. The low (and only) bid was submitted by Micro-Comm. The base bid submitted was in the amount of \$48,921.00 and included the installation of an electrically powered telemetry unit at the pumping station and a solar powered unit at the tank site. A deductive alternate of \$5,400.00 was offered if the Fiscal Court ran electric to the tank site and Micro-Comm could also use an electrically powered unit at this location. Cost would then be \$43,521.00.
5. Bell provided a letter of recommendation to the Martin County Fiscal Court concerning the award of the project to Micro-Comm.
6. Martin County Fiscal Court has awarded the project to the low bidder.
7. Contract documents have been executed by both the Contractor and Fiscal Court. The executed documents were received from the Fiscal Court on

Friday, February 28, 2020. They were forwarded to the contractor along with the Notice to Proceed with construction on March 3, 2020.

8. Information from the Contractor concerning the FCC licensing process was received.
9. The Contractor has submitted shop drawings of the equipment to be used as part of the project. Bell Engineering has reviewed the equipment for conformance with the contract requirements and returned to the Contractor.
10. The transducer tap at the tank site has been completed.
11. The telemetry has been programmed and is operating.

G. USP BIG SANDY, EASTERN KENTUCKY BUSINESS PARK & BIG SANDY AIRPORT WATER 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. Due to issues with utilizing AML Pilot funds on this tank site, a new site is being sought. Multiple sites continue to be reviewed.
12. At the request of the MCWD, work on this project has been paused.
13. A meeting with MCWD was cancelled due to an emergency water issue. Will reschedule as soon as possible.

H. CONTRACT 113-20-01

WATER LINE RELOCATION WILLIS DIALS/DAN'S BRANCH ROAD

1. Met on-site with Bizzack Construction, Alliance Water Resources and representatives of other utilities on May 28, 2020.
2. Plans and specifications were prepared.
3. At the request of Bizzack Construction, the project was forwarded to a utility contractor (Akins Excavation) for pricing.
4. Pricing and plans were forwarded to Bizzack Construction for approval by KYTC.
5. The project was approved for construction by the Kentucky Division of Water.
6. Bell Engineering staked the proposed waterline alignment on Thursday, September 17, 2020.
7. Akins Excavating relocated the waterline.
8. The new line was pressure tested, disinfected and samples were taken. The line was then placed in service.

I. CONTRACT 113-20-02 and 113-20-03

WATER LINE RELOCATION HUNTER'S LANE AND ROCKHOUSE CREEK

1. Met on-site with Bizzack Construction, Alliance Water Resources and representatives of other utilities on May 28, 2020.
2. A scope of work for these projects is being developed.
3. Projects are currently scheduled by KYTC and Bizzack Construction for 2021/2022 fiscal year.

J. 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.