



## BRIAN CUMBO

ATTORNEY AT LAW

86 W. Main St., Suite 100  
P.O. Box 1844  
Inez, KY 41224  
(606) 298-0428  
FAX: (606) 298-0316  
cumbolaw@cumbolaw.com

ADMITTED IN KY AND WV

September 21, 2020

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 of the information packet for the September 22, 2020 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 September 22, 2020.

  
BRIAN CUMBO  
COUNSEL FOR MARTIN COUNTY  
WATER DISTRICT  
P.O. BOX 1844  
INEZ, KY 41224  
TELEPHONE: (606) 298-0428  
TELECOPIER: (606) 298-0316  
EMAIL: [cumbolaw@cumbolaw.com](mailto:cumbolaw@cumbolaw.com)

**CERTIFICATE OF SERVICE**

This will certify that a true and correct copy of the foregoing was emailed on this the 21 day of September, 2020, to the following:

Public Service Commission  
ATTN: Nancy Vinsel  
P.O. Box 615  
Frankfort, KY 40602  
[nancy.vinsel@ky.gov](mailto:nancy.vinsel@ky.gov)

Hon. Mary Varson Cromer  
Appalachian Citizens' Law Center, Inc.  
317 Main Street  
Whitesburg, KY 41858  
*mary@appalachianlawcenter.org*

A handwritten signature in blue ink, appearing to read "B. Cumbo", written over a horizontal line.

BRIAN CUMBO

# **Martin County Water District**

**387 E. Main St.**

Phone (606) 298-3885      Inez, Kentucky 41224

**Special Meeting, Tuesday, September 22, 2020 – 6:00 p.m.**

**Martin County Government Center (2<sup>nd</sup> Floor)**

**Online Zoom Platform**

Will Be Streamed on Facebook Live

- 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
  - C. Update on Status of Audits
  - D. Memo for District Clerk, Assistant District Clerk, and Bank Access
  
- 4) Review and Consideration to Approve Bills
  
- 5) Operations
  - A. Alliance Operations Report
  - B. Meter Audit
  - C. Water Loss Report
  
- 6) Capital Projects Report
  - A. Project Updates
  
- 7) Other New Business
  
- 8) Q/A with Customers via Facebook
  
- 9) Adjourn

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

**Martin County Water District  
Special Meeting of the Board of Directors  
August 25, 2020 Meeting Minutes**

**Presiding:** James Kerr, Chairman  
**Present:** Directors: John Hensley, BJ Slone, and Greg Crum  
Staff: Brian Cumbo (Attorney), Tony Sneed, James Ford, Katrina Sansom  
**Guests:** None

The Special Meeting of the Martin County Water District was held on August 25, 2020 via Zoom in Inez, Kentucky 41224. James Kerr called the meeting to order at 6:05 PM.

James Kerr called for review of the minutes of the July 28, 2020 Regular Board Meeting. After review and discussion, BJ Slone motioned to accept the minutes of the July 28, 2020 Regular Board Meeting, seconded by Greg Crum, all yea, motion carried.

Next, James Kerr called for review and consideration of the Financial Reports. Tony Sneed presented the Treasurer's Report. After further discussion, John Hensley motioned to accept the Treasurer's Report as presented; BJ Slone seconded, all yea, motion carried. Other Financials were presented by Tony Sneed, BJ Slone motioned to accept, Greg Crum seconded, all yea, motion passed. Tony Sneed gave an update on status of audits.

Next, James Kerr called for review and consideration to Approve Bills. After review and discussion, BJ Slone motioned to approve the list of bills as presented, John Hensley seconded, all yea, motion carried.

James Kerr then called for review of the Operations Report. James Ford provided the Operations report.

James Ford gave an update on the meter audit.

Tony Sneed gave an update on the water loss report.

Tony Sneed and Chairman Kerr gave updates on capital projects.

James Kerr inquired if there was any other new business to discuss.

Staff informed the board that a representative from R&J Development has expressed an interest in Alliance Water Resources staff to transfer ownership of a booster station supplying water to the Brookview Heights apartment complex to the Martin County Water District. AWR staff has recommended a few items be addressed and corrected before said transfer is considered.

Staff also reported information regarding a trailer mounted generator, owned by Martin County Water District and located at Boyd Cat in Pikeville, Kentucky. It is the opinion of the AWR staff that the board should follow the recommendation of Boyd Cat, and work with Kenneth Combs to begin the process of parting ways with the generator. BJ Slone motioned to move forward with the process of parting ways with the generator, and John Hensley seconded, all yea, motion carried.

James Kerr called for a motion to adjourn. John Hensley motioned to adjourn the meeting, seconded by BJ Slone, all yea, motion carried, meeting adjourned at 6:42 PM.

Minutes approved this \_\_\_\_\_ day of \_\_\_\_\_, 2020.

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

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

**Martin County Water District**  
**Inez, KY**  
**Treasury Report**  
**Summary of Cash & Investments**  
**August 31, 2020**

<b>Bank Account</b>	<b>Beginning Balance</b>	<b>Deposits</b>	<b>Interest Earned, Net of Fees</b>	<b>Payments</b>	<b>Ending Balance</b>
Operations Account	\$ 92,698.02	302,043.44	-	(320,789.42)	\$ 73,952.04
Revenue EFT Account	4,147.51	66,134.68	-	(65,154.70)	5,127.49
Cash on Hand	900.00	-	-	-	900.00
<b>Total Unrestricted Cash</b>	<b>97,745.53</b>	<b>368,178.12</b>	<b>-</b>	<b>(385,944.12)</b>	<b>79,979.53</b>
<b>Restricted Cash</b>					
Security Deposits	162,823.65	180.00	6.94	(1,261.07)	161,749.52
ARC Grant	89.30	-	-	-	89.30
Rockhouse Project	4,276.96	10,800.00	-	(10,648.65)	4,428.31
Regions Bank-KY 2015E Martin County	81,840.56	10,648.65	0.87	(33,891.88)	58,598.20
KIA Bond & Interest	10,111.65	5,800.00	0.09	(5,690.71)	10,221.03
KY Assoc of Counties Leasing Trust	645.98	7,200.00	0.01	(394.80)	7,451.19
Debt Service Surcharge	2,356.11	6,613.51	0.03	(7,053.08)	1,916.57
Management Infrastructure Surcharge	1,979.69	10,162.72	0.06	(11,142.41)	1,000.06
Depreciation Reserve	1,021.72	-	0.01	-	1,021.73
<b>Total Restricted Cash</b>	<b>265,145.62</b>	<b>51,404.88</b>	<b>8.01</b>	<b>(70,082.60)</b>	<b>246,475.91</b>
<b>Total Cash &amp; Investments</b>	<b>\$ 362,891.15</b>	<b>419,583.00</b>	<b>8.01</b>	<b>(456,026.72)</b>	<b>\$ 326,455.44</b>

NOTE: Revenue EFT Account is being transitioned to re-direct deposits into Operations Account.

**Martin County Water District  
Inez, KY**

**Treasury Report**

<b>Billing Charges For the Month of:</b>	<b>Aug-20</b>	
Water Revenue		\$ 145,070.61
Water Revenue-Commercial		28,351.39
Water Revenue-Commercial Exempt		4,603.89
Late Charges		-
Sales Taxes		1,701.07
Debt Service Surcharge		9,051.97
School Tax		5,359.45
Management Infrastructure Surcharge		16,206.87
Returned Check		235.16
Connection Fees		10,892.02
Other Miscellaneous Fees		1,020.00
Deposits Applied		(1,215.00)
Refund Checks Paid		123.91
<b>Total Billing Charges</b>		<b>\$ 221,401.34</b>
		<hr/>
<b>Gallons Billed</b>		<b>13,603,409</b>
		<hr/>
<b>Customers Billed</b>		<b>3,481</b>

<b>Accounts Receivable</b>	<b>Aug-20</b>	
Beginning Balance		387,276.50
Billing Charges		221,401.34
Bad Debt (Write Offs) Recoveries		222.42
Accounts Receivable Collections		(237,043.45)
<b>End of Month Accounts Receivable</b>		<b>371,856.81</b>

<b>Operations Account</b>		
Beginning Balance	\$	96,845.53
Deposits		
Accounts Receivable Collections		237,043.45
Sewer Billing Collections in Water Bank Acct - Due to MCS		61,007.18
<b>Total Deposits</b>		<b>298,050.63</b>
Disbursements:		
Checks Written		(258,682.35)
Transfers to Other District Accts		(30,413.51)
Auto Drafted Utilities		(31,405.77)
Returned Checks		(176.12)
Nextbillpay Fees		(266.37)
Bank Fees		-
<b>End of Month Balance</b>	<b>\$</b>	<b>73,952.04</b>



**Martin County Water District**  
**Statements of Revenues and Expenses**  
**For the Eight Months Ending August 31, 2020**  
*Actual vs Budget*

<u>August</u>			<u>YTD</u>		<u>Annual Budget</u>
<u>Actual</u>	<u>Budget</u>		<u>Actual</u>	<u>Budget</u>	
		<b>Operating Revenues</b>			
\$145,071	\$148,829	Water Sales-Residential	\$1,232,489	\$1,190,631	\$1,785,946
28,351	32,082	Water Sales-Commercial	201,377	256,653	384,979
4,604	539	Water Sales-Public Authorities	58,010	4,309	6,464
0	12	Bulk Water Sales	35	93	140
10,892	0	Connection Fees - Tap	16,672	0	0
0	0	Late Charge Fees	13,416	0	0
1,020	9,215	Reconnect/Meter Sets/Other Fees	15,571	73,717	110,575
9,052	8,333	Debt Service Surcharge	71,152	66,667	100,000
16,207	15,844	Management Infrastructure Surcharge	128,044	126,753	190,129
0	0	Miscellaneous Income	3,925	0	0
<b>215,197</b>	<b>214,854</b>	<b>Total Operating Revenues</b>	<b>1,740,691</b>	<b>1,718,823</b>	<b>2,578,233</b>
		<b>Operating Expenses</b>			
0	0	Employee Benefits	21,367	0	0
0	4,167	Water Purchased	0	33,333	50,000
164,445	164,446	Management & Operations Contract	1,315,564	1,315,564	1,973,346
35,939	25,715	Utilities	170,529	205,723	308,584
3,413	3,958	Insurance	27,307	31,667	47,500
(88)	0	Repairs & Maintenance	1,314	0	0
0	417	Materials & Supplies	0	3,333	5,000
70	0	Outside Services	16,383	0	0
2,700	2,083	Legal Expenses	4,788	16,667	25,000
0	0	Audit	0	0	30,000
4,583	0	Bad Debts	36,667	0	0
0	0	Bond Trustee Fees	450	0	0
0	0	Dues	1,850	0	0
289	0	Office Expense	1,688	0	0
774	752	Rent Expense	5,308	6,013	9,020
0	417	Regulatory Assess Fees	8,203	3,333	5,000
10	0	Miscellaneous Expense	1,040	0	0
<b>212,135</b>	<b>201,955</b>	<b>Total Operating Expenses</b>	<b>1,612,458</b>	<b>1,615,633</b>	<b>2,453,450</b>
<b>3,062</b>	<b>12,899</b>	<b>Net Income B/4 Other (Inc) &amp; Exp</b>	<b>128,233</b>	<b>103,190</b>	<b>124,783</b>
		<b>Other Income (Expenses)</b>			
0	334,125	Capital Contributions	63,345	2,673,000	4,009,500
8	0	Interest Income	354	0	0
(7,095)	(8,119)	Interest Expense	(57,248)	(64,955)	(97,433)
63	63	Amortization	502	502	753
(64,583)	(64,583)	Depreciation	(516,667)	(516,667)	(775,000)
<b>(71,607)</b>	<b>261,486</b>	<b>Total Other Income (Expenses)</b>	<b>(509,714)</b>	<b>2,091,880</b>	<b>3,137,820</b>
<b>(\$68,545)</b>	<b>\$274,385</b>	<b>Net Income(Loss)</b>	<b>(\$381,481)</b>	<b>\$2,195,070</b>	<b>\$3,262,603</b>

Items in yellow include  
pre-2020 balances that have  
not yet been adjusted/confirmed.

**Martin County Water District**  
**Balance Sheet**  
**August 31, 2020**

8/31/2020

**ASSETS**

**CURRENT ASSETS**

Checking Account - Operations	\$73,952.04
Revenue Fund-EFT	5,127.49
Cash on Hand	900.00

<b>Total Cash</b>	<b>79,979.53</b>
-------------------	------------------

Accounts Receivable	500,766.32
Allowance for Doubtful Accts	(3,352.02)
Unbilled Accounts Receivable	90,632.07
Accounts Receivable-Other	52,954.62
Inventory	8,376.76
Prepaid Expenses	1,983.62

<b>Total Current Assets</b>	<b>731,340.90</b>
-----------------------------	-------------------

**PROPERTY, PLANT & EQUIPMENT**

Land	214,713.83
Water Supply & Distribution System	28,197,113.19
Buildings	500,263.89
Equipment & Furniture	5,629,715.77
Vehicles	344,794.47
Construction Work in Progress	63,345.00
Less: Accumulated Depreciation	(17,058,830.72)

<b>Net Property, Plant &amp; Equipment</b>	<b>17,891,115.43</b>
--	----------------------

**RESTRICTED CASH**

Security Deposits	161,749.52
Grant Fund	89.30
Sinking Fund - RD	4,428.31
Regions Sinking Fund	58,598.20
KIA Sinking Fund	10,221.03
KACO Sinking Fund	7,451.19
Debt Service Surcharge Fund	1,916.57
Management Infrastructure Surcharge Fund	1,000.06
Depreciation Fund	1,021.73
Accrued Interest Receivable	4.00

<b>Total Restricted Cash</b>	<b>246,479.91</b>
------------------------------	-------------------

**OTHER ASSETS**

Deferred Outflows of Resources Related to Pensions	504,402.00
--	------------

<b>Total Other Assets</b>	<b>504,402.00</b>
---------------------------	-------------------

<b>Total Assets</b>	<b>\$19,373,338.24</b>
---------------------	------------------------

Items in yellow include  
pre-2020 balances that have  
not yet been adjusted/confirmed.

**Martin County Water District  
Balance Sheet  
August 31, 2020**

**8/31/2020**

**LIABILITIES AND DISTRICT'S EQUITY**

**CURRENT LIABILITIES**

Accounts Payable	\$943,510.64
Sales Tax Payable	3,547.90
School Tax Payable	9,063.25
Accrued Wages Payable	88.92
Accrued Vacation	12,861.81
Accrued Payroll Taxes	12,307.80
Accrued Retirement	(44,569.09)
Accrued 401(k)	60.00
Accrued Health Insurance	2,649.17
Note Payable-Tommy's Auto Sales	500.00
Long Term Debt-Current	129,619.70
Accrued Interest Payable	6,851.73
Customer Deposits	152,975.53
<b>Total Current Liabilities</b>	<b><u>1,229,467.36</u></b>

**LONG-TERM DEBT**

Notes Payable - KIA	416,246.79
Lease Payable - KACO	71,221.96
Bonds Payable - 2015 E Current Refunding	1,765,000.00
Bonds Premium-2015E	22,363.00
A/Amort Bond Premium-2015E	(3,983.12)
Less: Current Portion of L-Term Debt	(129,619.70)
Net Pension Liability	1,072,039.00
Other Inflow Resources-Pension	220,865.00
Other Deferred Credits	46,453.94
<b>Total Long-Term Debt</b>	<b><u>3,480,586.87</u></b>

**Total Liabilities**

**4,710,054.23**

**DISTRICT'S EQUITY**

Contributed Capital-Grants	13,197,146.17
Contributed Capital-Government Grants	14,439,514.29
Contributed Capital	1,800,797.77
Retained Earnings	(14,392,695.70)
YTD Net Income	(381,478.52)
<b>Total District's Equity</b>	<b><u>14,663,284.01</u></b>

**Total Liabilities and District's Equity**

**\$19,373,338.24**

**Martin County Water District  
Billing Summary**

Date	Billed		Gallons (000'S)	Billed # of Customers	Payments Received
	Revenue	YTD Total			
Aug-20	182,051	1,699,338	13,603	3,481	237,043
Jul-20	223,267	1,517,287	18,702	3,463	207,448
Jun-20	372,931	1,294,020	27,388	3,424	195,535
May-20	194,835	921,089	14,811	3,390	221,999
Apr-20	178,101	726,254	12,528	3,370	199,144
Mar-20	170,339	548,153	11,629	3,386	193,963
Feb-20	187,025	377,814	12,846	3,369	207,246
Jan-20	190,788	190,788	14,830	3,388	234,262
Dec-19	180,925	2,257,333	13,238	3,384	225,180
Nov-19	189,850	2,076,408	14,344	3,411	212,517
Oct-19	200,717	1,886,558	15,772	3,408	213,508
Sep-19	203,526	1,685,841	16,068	3,384	229,365
Aug-19	191,195	1,482,315	14,617	3,397	217,522

**Notes:**

- 1) June 2020 line above includes usage from 4/20/20-5/20/20 billed around 6/1/20 AND usage from 5/20/20-6/20/20 billed on 6/26/20 (mailed 6/30/20).
- 2) Billed revenue includes water charges billed to residential, commercial, and governmental entities.
- 3) Gallons reported represent billed revenue as stated in Note #2 and excludes sales to City of Presontonburg.
- 4) Payments received is total customer payments posted by the District's billing system (includes sales tax, school tax, and other fees). Pass through items are approximately \$7,000.

## Martin County Water District

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

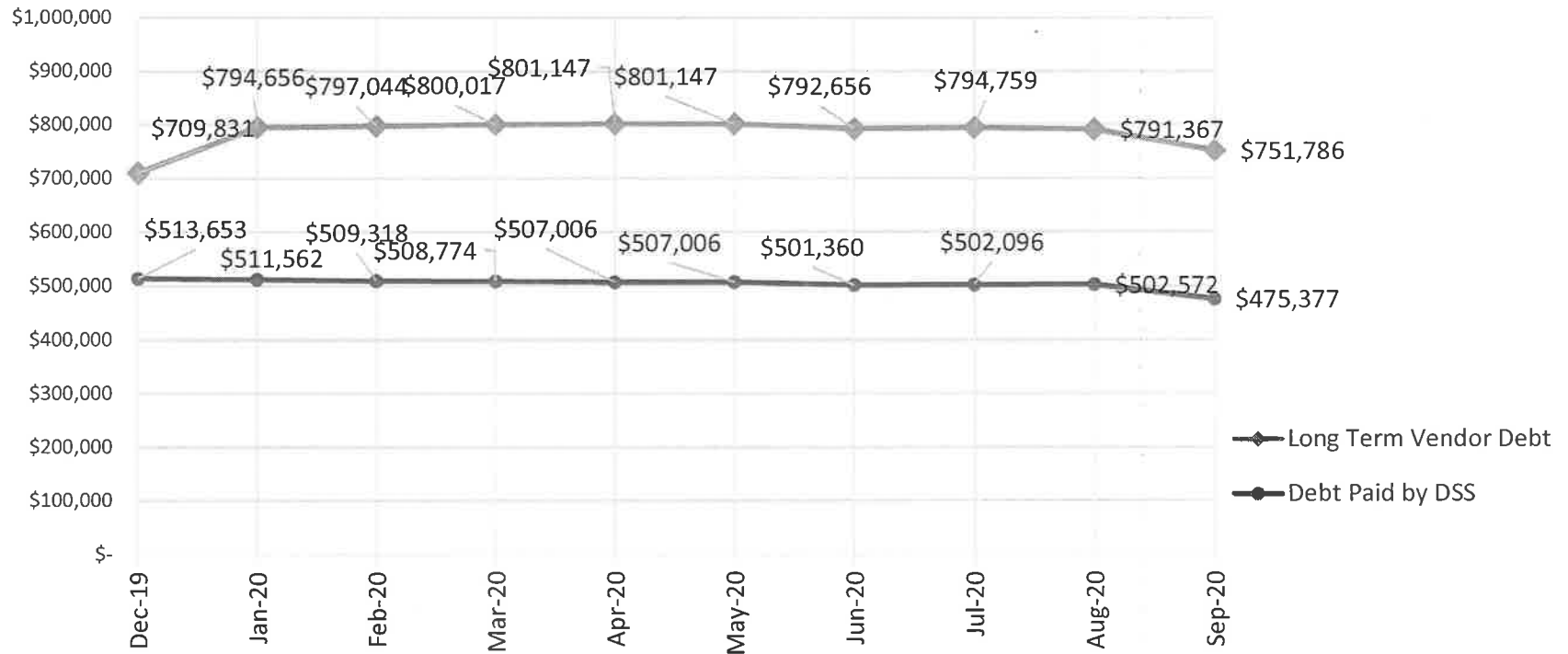
	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
<b>REVENUE</b>												
Customer Count	3,388	3,369	3,386	3,370	3,390	3,424	3,463	3,481				
Payments Received	\$234,262	\$207,152	\$195,082	\$199,144	\$221,999	\$195,535	\$207,448	\$237,043				
<b>EXPENSES</b>												
Operations Account	\$286,613	\$249,774	\$223,121	\$223,319	\$221,129	\$227,410	\$236,598	\$228,784				
Transfers for debt serv funding	\$19,150	\$17,800	\$17,800	\$17,800	\$17,800	\$17,800	\$17,800	\$17,800				
Payment Plans	\$6,625	\$6,500	\$6,500	\$5,500	\$0	\$0	\$0	\$0				
DSS EXP/ (FUNDING)	(\$8,978)	\$0	\$0	\$0	\$0	\$0	\$0	\$0				
MIS EXP / (FUNDING)												
Sub total	\$303,410	\$274,074	\$247,421	\$246,619	\$238,929	\$245,210	\$254,398	\$246,584				
<b>NET INCOME</b>												
<b>Cash Basis</b>	<b>-\$69,148</b>	<b>-\$66,922</b>	<b>-\$52,339</b>	<b>-\$47,475</b>	<b>-\$16,930</b>	<b>-\$49,675</b>	<b>-\$46,950</b>	<b>-\$9,541</b>				

**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 *Current balance= \$276,409 (Some fin charges forgiven & Prestonburg City decreased)*
- 4: **Operations Account Includes** the estimated DSS and MIS transfers (See list of Bills in Board Packet)
- 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**

# Martin County Water District

## Outstanding Vendor Debt



**Martin County Water District**  
**Vendor Balance Summary**  
As of August 31, 2020

---

	<u>Aug 31, 20</u>
All Pumps Sales & Services	8,411.90
Brian Cumbo	33,896.60
CI Thornburg	36,345.26
CI Thornburg-VFD#1	1,252.28
CI Thornburg-VFD#2	12,071.32
Evans Hardware	30,362.72
Evans Hardware #2	18,820.64
Fast Change	4,155.33
Linda F Sumpter, CPA	151,942.35
Prestonsburg City's Utilities	12,755.51
Service Pumps & Supply	21,282.99
Soles Electric	13,300.00
United Rentals	56,722.94
Xylem	93,739.10
Zip Zone Express	256,726.95
<b>TOTAL</b>	<b><u>751,785.89</u></b>

September 22<sup>nd</sup>, 2020

TO: Martin Count Water District  
Board of Directors

**INFORMATION & DECISION**

FROM: Staff

RE: Appointment of District Clerk

Due to a change in Alliance Water Resources (AWR) personnel, it has become necessary to make changes to the current District Clerk appointment. Additionally, to improve efficiency, allow for better communication of financial information, and cover during vacancies, staff is requesting that the district appoint an Assistant District Clerk. This will assist in the conducting of the Districts day to day business with State & Federal agencies, i.e. sales tax, payroll taxes and other items.

It is the recommendation that Katrina Sansom be removed from the role of District Clerk.

It is the recommendation of staff that Cassandra Moore be appointed to serve as the Clerk for the Martin County Water District and that Craig Miller be appointed to serve as Assistant District Clerk and that both be granted access to bank account information for the district.

If the Board agrees we are respectfully seeking a motion appoint Cassandra Moore as the District Clerk, Craig Miller as Assistant District Clerk, and that both be given access to bank accounts for internal transfers, online access, and transaction viewing purposes.



**Martin County Water District, Inez KY**  
**List of Bills for Consideration**  
**22-Sep-20**

<u>Vendor</u>	<u>Description</u>	<u>Amount</u>
<b>Operations Account</b>		
1 AEP	Electric (25 bills) Estimated	\$ 27,680.63
2 Big Sandy RECC	Electric (9 bills) Estimated	\$ 2,262.53
3 Paintsville Utilities	Electric for token (9/8/20 to 9/8/20) Estimated	\$ 50.78
4 Roy F Collier Comm. Center	Rent (October)	\$ 773.51
6 Martin County Water Distrsict	Sanitation September	\$ 251.11
7 Sales tax	9/2020 (estimated)	\$ 853.54
8 School tax	9/2020 (estimated)	\$ 5,418.48
9 Alliance Water Resources	10/1-20-10/15/20 O&M services	\$ 82,222.75
10 Alliance Water Resources	10/16/20-10/31/20 O&M services	\$ 82,222.75
11 Alliance Water Resources	9/20 Suddenlink Reimbursement (estimated)	\$ 74.14
12 Alliance Water Resources	9/20 Suddenlink Reimbursement (estimated)	\$ 34.95
13 Management Inf. Surcharge	Estimated (actual collected will be paid)	\$ 16,129.90
14 Debt Service Surcharge	Estimated (actual collected will be paid)	\$ 8,986.65
15 Walker Communications	Phone maintenance (September)	\$ 89.00
16 Tommy Maynard	Payment on truck	\$ 500.00
17 Cumbo Law Office	Legal Services (September)	\$ 662.50
18 Mountain Citizen	Notice	\$ 498.93
19 Fast Change	December 2019 Invoice	\$ 72.00
<b>TOTAL</b>		<b>\$ 228,784.15</b>

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

1 Elite Insurance	Remainder of down payment	\$ 2,000.19
2 Zoom	Zoom subscription (October)	\$ 15.89
3 David Smith	Refund for over payment	\$ 218.30
<b>TOTAL</b>		<b>\$ 2,016.08</b>

**Operations Account - Debt Service Funding**

		<b>Transfer Amounts</b>
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

**Martin County Water District, Inez KY**  
**List of Bills for Consideration**  
**22-Sep-20**

<u>Vendor</u>	<u>Description</u>	<u>Amount</u>
<b>TOTAL</b>		<b>\$ 17,800.00</b>
<b>TOTAL OPERATIONS</b>		<b>\$ 248,600.23</b>
<b>PAST DUE ACCOUNTS</b>		8/31/2020
	<u>(Based on cash availability)</u>	
1 CI Thornburg VFD # 1	VFD	\$ 1,252.28
2 CI Thornburg VFD # 2	VFD	\$ 12,071.32
3 Xylem	Pump rental	\$ 93,739.10
4 Soles Electric	Pump service	\$ 13,300.00
5 Service Pump & Supply	Pump service	\$ 21,282.99
6 All Pumps Sales & Services	Pump service	\$ 8,411.90
7 Cumbo Law Office	Legal service	\$ 33,896.60
8 Evans Hardware #2	Parts & supplies	\$ 18,820.64
9 Fast Change	Vehicle Maintenance	\$ 4,155.33
10 United Rentals	Pump Rental	\$ 56,722.94
11 Prestonsburg City's Utilities	Purchased water	\$ 12,755.51
<b>TOTAL</b>		<b>\$ 276,408.61</b>
<b>DSS Account</b>		
	<u>(Based on cash availability)</u>	
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
<b>TOTAL</b>		<b>\$ 475,377.28</b>
<b>Total Past Due Accounts</b>		<b>\$ 751,785.89</b>

**Martin County Water District, Inez KY**  
**List of Bills for Consideration**  
**22-Sep-20**

<u>Vendor</u>	<u>Description</u>	<u>Amount</u>
<b>Security Deposit Account</b>		
<b>Customer</b>		
1 Carol Booth	Deposit refund due to customer	\$ 61.77
2 Kenneth Sells	Deposit refund due to customer	\$ 51.66
3 Mary Meade	Deposit refund due to customer	\$ 44.61
4 Zachary Osborn	Deposit refund due to customer	\$ 67.15
5 Zachary Carty	Deposit refund due to customer	\$ 48.33
6 Inez Deposit Bank	Deposit refund due to customer	\$ 77.52
7 Wallace Blanton	Deposit refund due to customer	\$ 31.56
8 Jessie Stevens	Deposit refund due to customer	\$ 18.41
<b>TOTAL</b>		<b>\$ 401.01</b>

**OUR**  
**MISSION**

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

**Alliance Water Resources, Inc.**

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

**(573)874-8080**

**August 2020**

**Administrative**

A new system of file naming and submittal through a secure server ensure that all client invoices will be processed effectively.

The billing office is now fully staffed. A knowledgeable, well training team is critical to a successful utility.

**Water Treatment**

A new schedule has been implemented at the Inez water treatment plant. Overtime has been substantially decreased through efficient shift design.

Staff are working throughout the plant to identify equipment which is no longer useful.

**Distribution**

Replaced a vandalized VFD at the Peter Cave booster station.

Installed a garbage can at the Inez reservoir in an effort to control littering.

A challenging situation was effectively addressed at the Big Lick booster station. New equipment has been ordered to create a fully functioning system.

A pressure reducing valve was repaired and had two new gauges installed.

Two more theft of water situations were identified and addressed.

Successfully flushed the old route 3 service area.

Arrangements have been made to accommodate a new bridge project by relocating existing water lines.

A new understanding of variable frequency drives has created a valuable tool for staff to utilize while monitoring the system and finding leaks.


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

**Customer Service**

A customer thanked staff for taking the time to come to their home and discuss a billing issue.

**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
<b>Total Grant</b>	<b>\$8,519,718</b>	

**Safety**

A safety coordinator has been appointed on the distribution crew. Having a coordinator on the ground with the team is crucial for ensuring safe work practices.

**Regulatory**

The Martin County Water Treatment Plant continues to operate within compliance of all state regulatory agencies.

**Training**

Two more teammates have passed their licensing examinations. “Distribution I” and “Distribution III” licenses were obtained.

**Water Plant Operation**

<b>Water Pumped</b>	
Total Water Production (gallons) – AUGUST	55,159,000
Total Water Metered/Billed (gallons) – AUGUST	16,875,000
Other Water Used (gallons) – AUGUST	905,000
Total Water Loss (gallons) – AUGUST	37,379,000
Portion of TWL due to Main Breaks (gallons) – AUG	5,512,000
Average Daily Flow (Million Gallons per Day)-AUG	1.779 MGD
Maximum Daily Flow – AUGUST	1.836 MGD
Fluoride Used (lbs.) – AUGUST	511.3 LBS
Chlorine Used (lbs.) – AUGUST	2,074.0 LBS
Lab Tests – AUGUST	3,565 TESTS


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

**Water Quality Analysis**

Test	Routine	Special	Repeat
Bacteriological	12 (Pass)	0 (Pass)	0
		<b>Reported</b>	<b>Minimum Limit</b>
Fluoride Plant Sample	31	0.85 mg/l Average	0.6 mg/l
Chlorine Distribution Sample	37	<b>Low Readings</b> Total - 0.53 mg/L Free - 0.50 mg/L	0.2 mg/l

**Customer Service Request and Work Orders**

Meter Reads	3481
Meter Sets	27
Turn offs-Close account	14
Taps	2
Meter Changes	14
Disconnects for Non-payment	0
Boil Notices	0
Line Locates	7
Water Leaks/Breaks	41
Other/Investigates	9


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

### Water Main Breaks

Date	Location	Pipe Size/Type	Estimated Water Loss (gallons)
8-3-20	Beauty Road	¾" SVS	83,562
8-4-20	North Milo Road	¾" SVS	197,304
8-4-20	850 Coldwater	¾" SVS	143,280
8-6-20	66 Cassell Branch	¾" SVS	35,233
8-7-20	3780 Riverfront Road	¾" SVS	35,233
8-7-20	149 Rockcastle	¾" SVS	281,863
8-7-20	1252 Big Elk	¾" SVS	647,413
8-7-20	Cassell Branch	¾" SVS	31,758
8-7-20	15 Jacobs Lane	¾" SVS	35,233
8-10-20	381 Abbs Lane	¾" SVS	35,233
8-10-20	231 Mudford	1" SVS	35,233
8-10-20	7285 Beauty	¾" SVS	35,233
8-10-20	96 Albert Pinson	¾" SVS	35,233
8-10-20	51 Harris Street	¾" SVS	35,233
8-10-20	4888 Blacklog Road	¾" SVS	35,233
8-15-20	113 Riverfront Road	¾" SVS	528,492
8-17-20	6609 Rockcastle	¾" SVS	34,560
8-20-20	792 Peter Cave	¾" SVS	35,233
8-20-20	62 Roger Moore	1" SVS	35,233
8-23-20	6401 Rockcastle	¾" SVS	422,794
8-23-20	Otto Drive	¾" SVS	173,028
8-23-20	298 Coldwater	¾" SVS	35,233
8-25-20	1252 Big Elk	¾" SVS	211,397
8-25-20	5446 Hode Road	¾" SVS	244,095
8-26-20	408 Collins Creek	¾" SVS	244,100
8-27-20	149 Big Elk	¾" SVS	164,786



Professional Water and Wastewater Operations

### Martin County Water District

8-27-20	Collins Creek	¾" SVS	70,466
8-28-20	New Route 3	¾" SVS	196,957
8-31-20	108 Young	¾" SVS	246,630
8-31-20	3531 Davella	1" SVS	387,561
8-31-20	531 Saltwell Road	¾" SVS	211,397
EXCAVATION BREAKS			
8-4-20	Turkey	4" PVC	5,872
8-16-20	New Route 3	8" PVC	57,262
8-23-20	Upper Alpha	3" PVC	11,744
8-20-20	45 Tomahawk Road	6" PVC	460,953
8-23-20	Big Elk	6" PVC	1,762



## Repair Expenses Ending July 2020

<b>Expended</b>	<b>Actual YTD</b>	<b>Annual Budget</b>	<b>% Budget / Line Item</b>
Bldg. & Grounds Maintenance	\$3,362	\$7,000	48%
Vehicle Maintenance	\$12,143	\$20,000	61%
Water Plant Maintenance	\$8,615	\$0	0%
Well Maintenance	\$0.00	\$20,000	0%
Distribution System Maintenance	\$61,151	\$60,000	102%
Water Meter Maintenance	\$3,591	\$10,000	36%
Street Maintenance	\$1,112	\$8,000	14%
<b>Totals</b>	<b>\$89,986</b>	<b>\$125,000</b>	<b>72%</b>

## Chemical Expenses Ending July 2020

<b>Expended</b>	<b>Actual YTD</b>	<b>Annual Budget</b>	<b>% Budget / Line Item</b>
Sodium Hydroxide	\$1,439	\$0	0%
Polymer	\$10,411	\$0	0%
Chlorine	\$10,216	\$25,000	41%
Permanganate	\$2,716	\$0	0%
Fluoride	\$1,474	\$0	0%
Chemicals Other - Water	\$44,729	\$85,000	53%
<b>Totals</b>	<b>\$70,985</b>	<b>\$110,000</b>	<b>65%</b>

Notes:

- 1) Building and Grounds Maintenance
  - a. \$1.26 – Evans Hardware
  
- 2) Vehicle Maintenance
  - a. \$1188.87 – Advanced Auto (22 invoices)
  - b. \$90.00 – Fast Change Oil & Lube
  - c. \$1787.38 – Jarrett Garage (6 Invoices)
  - d. \$75.24 – Tug Valley Service & Supply
  
- 3) Water Plant Maintenance
  - a. \$16.94 – R&J Building Supply
  
- 4) Well Maintenance
  - a. \$0.00

**Martin County Water District**

- 5) Distribution System Maintenance
  - a. \$3.78 – Quick Mart
  - b. \$19,053.51 – Consolidated Pipe (Reclassified Invoices)
  - c. \$78.63 – Evans Hardware
  - d. \$46.06 – Evans Hardware
  - e. \$2.96 – R&J Building Supply
  - f. \$42.45 – Consolidated Pipe
  - g. \$88.14 – R&J Building Supply
  - h. \$1400.00 – Fannins’ Plumbing
  - i. \$2557.12 – C.I. Thornburg
  
- 6) Meter Maintenance
  - a. \$0.00
  
- 7) Street Maintenance
  - a. \$212.00 – Evans Hardware
  - b. \$100.88 – Evans Hardware
  
- 8) Sodium Hydroxide
  - a. \$0.00
  
- 9) Polymer
  - a. \$0.00
  
- 10) Chlorine
  - a. \$930.00 – C.I. Thornburg
  - b. \$890.00 – C.I. Thornburg
  - c. \$900.00 – C.I. Thornburg
  
- 11) Permanganate
  - a. \$0.00
  
- 12) Fluoride
  - a. \$0.00
  
- 13) Chemicals Other – Water
  - a. \$5162.24 – C.I. Thornburg
  - b. \$207.76 – C.I. Thornburg
  - c. \$1219.00 – C.I. Thornburg
  - d. \$609.50 – C.I. Thornburg

INITIAL ROUND	23-Jan-20	CNL	NEG READS	RRW/WMN	TOW	TOTAL
Total	3398	193	313	145	6	651
		5.68%	9.21%	4.27%	0.18%	19.16%

JAN FINAL NUMBERS	3402	35	292	0	5	332
		1.03%	8.58%	0.00%	0.15%	9.76%

FEB FINAL NUMBERS	3403	25	17	49	4	95
		0.06%	0.50%	1.44%	0.03%	2.79%

MAR FINAL NUMBERS	3388	2	28	0	1	31
		0.06%	0.83%	0.00%	0.03%	0.91%

APR FINAL NUMBERS	3416	1	17	0	1	20
		0.03%	0.50%	0.00%	0.03%	0.59%

MAY FINAL NUMBERS	3411	2	17	0	5	24
		0.06%	0.50%	0.00%	0.15%	0.70%

JUN FINAL NUMBERS	3442	2	18	0	1	21
		0.06%	0.52%	0.00%	0.03%	0.61%

JUN FINAL NUMBERS	3454	5	27	0	15	47
		0.14%	0.78%	0.00%	0.43%	1.36%

UPDATE PRIOR TO	20-Aug-20	MCW DIV 07 METER AUDIT NUMBERS				
BOOK #	TOTAL	CNL	NEG READS	RRW/WMN	TOW	TOTAL
1	6	0	0	0	1	1
2	286	1	5	0	3	9
3	8	0	0	0	0	0
4	110	0	2	0	0	2
5	169	1	1	0	0	2
6	378	0	1	0	1	2
7	417	0	3	0	0	3

8	492	0	4	0	4	8
9	20	0	1	0	0	1
10	189	0	6	0	0	6
11	70	1	0	0	0	1
12	71	0	2	0	0	2
13	104	0	2	0	0	2
14	235	0	2	0	0	2
15	101	0	3	0	0	3
16	160	0	0	0	0	0
17	76	0	1	0	0	1
18	155	0	0	0	0	0
19	0	0	0	0	0	0
20	434	0	0	0	0	0
<b>Total</b>	<b>3481</b>	<b>3</b>	<b>33</b>	<b>0</b>	<b>9</b>	<b>45</b>
		<b>0.09%</b>	<b>0.50%</b>	<b>0.00%</b>	<b>0.26%</b>	<b>1.29%</b>

DIFF	83	-190	-280	-145	3	-606
		5.59%	8.71%	4.27%	-0.08%	17.87%



*CNL = Can Not Locate*  
*Neg Reads = Reading this round less than entered in December*  
*RWW/WMN = Reread (Water)/ Wrong Meter Number*  
*TOW = Theft of Water*

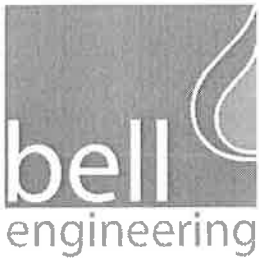
# PUBLIC SERVICE COMMISSION

## Monthly Water Loss Report

Water Utility:

For the Month of:  Year:

LINE #	ITEM	GALLONS (Omit 000's)
1	<b>WATER PRODUCED AND PURCHASED</b>	
2	Water Produced	55,159
3	Water Purchased	
4	<b>TOTAL PRODUCED AND PURCHASED</b>	<b>55,159</b>
5		
6	<b>WATER SALES</b>	
7	Residential	10,815
8	Commercial	3,118
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	2,942
13	Other Sales (explain)	
14	<b>TOTAL WATER SALES</b>	<b>16,875</b>
15		
16	<b>OTHER WATER USED</b>	
17	Utility and/or Water Treatment Plant	797
18	Wastewater Plant	
19	System Flushing	
20	Fire Department	108
21	Other Usage (explain)	
22	<b>TOTAL OTHER WATER USED</b>	<b>905</b>
23		
24	<b>WATER LOSS</b>	
25	Tank Overflows	
26	Line Breaks	5,512
27	Line Leaks	31,867
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	<b>TOTAL WATER LOSS</b>	<b>37,379</b>
32		
33	<b>Note: Line 14 + Line 22 + Line 31 MUST Equal Line 4</b>	
34		
35	<b>WATER LOSS PERCENTAGE</b>	
36	(Line 31 divided by Line 4)	67.77%



**MEETING AGENDA**  
**ENGINEERING DESIGN - PROGRESS MTG #16**  
**MARTIN COUNTY WATER DISTRICT**  
**MARTIN COUNTY, KENTUCKY**  
**September 16, 2020**

**LOCATION:** Via ZOOM  
**TIME:** 3:00 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	F
AML Pilot NEXUS Grant (2018)	<u>\$2,000,000</u>	I
<b>TOTAL GRANT</b>	<b>\$8,519,718</b>	

**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. 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<sup>th</sup>, 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<sup>th</sup>, 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, 2MG variable speed drive, 4 MG variable speed drive and the river screen are complete.
8. MCWD is currently using the new 2 MG pump. The 4 MG pump will be placed into service upon the completion of Contract 113-19-03.

**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 is complete and has been distributed.
4. The Phase I Environmental Site Assessment required by the Corps of Engineers is complete and has been submitted.
5. Vendor proposals for replacement equipment were requested and reviewed.
6. Plans and specifications have been developed.
7. Project mapping for NEPA purposes was submitted to AML on February 6<sup>th</sup>.
8. Project description and Opinion of Probable Construction Costs were submitted to AML on February 17<sup>th</sup>.
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 24<sup>th</sup>, July 1<sup>st</sup> and July 8<sup>th</sup>. The period for public comments or objections related to the project ran through July 29<sup>th</sup>. The permit was issued on August 13, 2021.
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 13<sup>th</sup>. The Corps of Engineers has 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 Corps of Engineer's archeologist is working with KY SHPO in an effort to resolve any issues. The impact of consultation on the schedule for the FONSI signing is unknown at this time.

**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 all the features affecting alignment of the waterline has been completed including gas lines.
4. The Phase I Environmental Site Assessment required by the Corps of Engineers is complete and has been submitted.
5. Plans and specifications have been developed.
6. Project mapping for NEPA purposes was submitted to AML on February 10<sup>th</sup>.
7. Project description and Opinion of Probable Construction Costs were submitted to AML on February 17<sup>th</sup>.
8. Project was submitted for DOW review on March 13, 2020. DOW Construction Permit was issued on April 27<sup>th</sup>.
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 has 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 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 Corps of Engineer's archeologist is working with KY SHPO in an effort to resolve any issues. The impact of consultation on the schedule for the FONSI signing is unknown at this time.

**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<sup>th</sup>. This effort is for calibration of the Hydraulic Model.
4. UK professors and 3 students traveled to Martin County on July 8<sup>th</sup> 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<sup>th</sup>; however, MCWD had some major line breaks on July 9<sup>th</sup> 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<sup>th</sup> and 7<sup>th</sup>, however, on August 5<sup>th</sup> 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<sup>th</sup> and 15<sup>th</sup>.
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 has 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<sup>st</sup> to discuss the modeling. A second Zoom meeting was held on July 7<sup>th</sup> 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.
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.

**E. COE 531 AGREEMENT**

1. Bell provided a Scope of Work to the COE on May 15, 2019.
2. Bell and COE agreed on an O&M cost of \$250,000.
3. COE asked for a PER with Alternative Analysis. Bell is modified the original PER to incorporate the COE funding. COE dollars will not be utilized for the

10-Yr CIP or RWI pump purchase. The requested Alternative Analysis was provided to COE on July 10, 2019.

4. The Project Partnering Agreement (PPA). This agreement was executed on September 13, 2019.
5. Funds from the COE are being utilized for the RWI, WTP and Line Improvements (Items B & C).

**F. CONTRACT 113-19-04**

**ARC WATERLINE REPLACEMENT PROJECT**

1. Bell received the signed contract on August 2<sup>nd</sup>.
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<sup>th</sup>.
6. Project was submitted to KYTC on April 6, 2020 for review. KYTC Encroachment Permit was issued April 24.
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 Boco 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. An analysis of the project indicates that by using all funds approximately 23,435 LF of mainline, 67 meters/service lines and associated appurtenances can be replaced. 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. The Notice to Proceed was issued at the conclusion of the preconstruction meeting advising the contractor the contract time will begin on September 21, 2020. The substantial completion date for the project is February 18, 2020 with final completion being March 20, 2021.

13. Design of the additional mainline, service line and meters approved by ARC must be completed and approved by DOW and KYTC prior to their construction. Alignment plans are currently being finished. Plans will be submitted to DOW and KYTC within the next month.

**G. 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<sup>st</sup> and was advertised a second time on September 11<sup>th</sup>.
3. Bids for the project were opened September 26<sup>th</sup> @ 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<sup>th</sup>. 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 has been 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. Everything is complete at the sites with the exception of the tap for the transducer at the tank site. That work is being coordinated with Alliance Water Resources and will likely be complete within the next couple of weeks.

**H. WASTEWATER TREATMENT PLANT/COLLECTION SYSTEM REVIEW**

1. Bell and MCWD personnel reviewed the Inez and Warfield WWTPs.
2. Proposed work at the Inez facility includes: a redundant oxidation ditch, septage receiving station, belt filter press, solids processing building, sludge hauling equipment, influent flow meter, yard piping , upgraded electrical, sludge storage and drainage pad, replacement of the influent pumping

- station, clarifier rehabilitation of unit that is out of service, existing oxidation ditch metal work, covers for the aerators/gearboxes for existing oxidation ditch, entry road repairs, rehabilitating two system pumping stations, replacing floats/adding transducers at the two stations, replacing ten grinder pumps and rehabilitating the inoperable plant generator. OPPC: \$4,836,550.
3. Proposed work at the Warfield facility includes a septage receiving station, mechanical screen for trash, demolition of the Dempsey WWTP, rehabilitating two system pumping stations, replacing floats/adding transducers at the two stations and replacing ten grinder pumps. OPCC \$1,138,563.
  4. An RFQ for engineering services was published requiring a submission by interested firms by October 5, 2019. The RFQ was in conformance with EDA requirements so that EDA funding may be sought for the project.
  5. Bell Engineering was selected to provide engineering services for the project at the last MCUD meeting.
  7. A meeting was held with a representative of the Economic Development Administration (EDA) to discuss the project.
  8. A conference call was held on July 7th to discuss the plant and its needs. Since Alliance Water Resources has been operating the Inez Wastewater Treatment Plant for several months, the scope of work originally outlined for the facility was reviewed to determine if modifications should be made.
  9. A Kentucky Division of Abandoned Mine Lands Economic and Community Development Pilot Program 2020 Application in the amount of \$4,000,000 for improvements to the Wastewater Treatment at Inez was submitted at the end of July.

**I. 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 25<sup>th</sup>. The MOA was signed by AML on October 1, 2019.
3. A contract for engineering services has been executed by the Big Sandy Area Development District.
4. Bell and MCWD personnel went to the field to review potential tank and pump station sites.
5. The Preliminary Engineering Report for the project is complete and has been distributed.
6. Plans have been prepared for the 250,000-gallon water storage tank.
7. Bell, Alliance and MCWD coordinated with the mineral lease holder and the surface owner concerning location of the proposed tank and pump station.

BSADD, Bell and Alliance representatives met with the property owner on January 30, 2020.

8. On March 3<sup>rd</sup>, the property owner advised most of the property is permitted with only a phase one bond release.
9. Bell and Alliance met on-site with the property owner on May 5<sup>th</sup> 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.

**J. 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 have been prepared.
3. At the request of Bizzack Construction, the project has been 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 has been approved for construction by the Kentucky Division of Water.
6. Bell Engineering will stake the proposed waterline alignment on Thursday, September 17, 2020.
7. Relocation of the waterline should begin within the next seven days.

**K. 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 Summer 2021.

*Progress Meeting #17 will be held October 14, 2020 at 3:00 PM.*