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ADMITTED IN KY AND WV

January 24, 2022

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 January 25, 2022 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 January 25, 2022.




BRIAN CUMBO
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WATER DISTRICT
P.O. BOX 1844
INEZ, KY 41224
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CERTIFICATE OF SERVICE

This will certify that a true and correct copy of the foregoing was served via electronic filing on this the 24 day of January, 2022, 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, January 25, 2022 – 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
 -Zone Metering & Water Loss Project
- 8) Capital Projects Report
 - A. Project Updates
- 9) Other Old Business
 - A. December Treasurer's Report Update
- 10) Other New Business
 - A. Milo Subdivision Bore Invoice
- 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
December 28, 2021, Meeting Minutes**

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

The Regular Meeting of the Martin County Water District was held on December 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 6:03 p.m.

Mr. Kerr called for review of the November 23, 2021, Regular Board Meeting minutes. Having no questions or further discussions, Mr. Hensley motioned to accept the November 23, 2021, Regular Board Meeting minutes. Mr. Mueller seconded. All ayes. Motion carried.

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

Mr. Kerr requested discussion on the review and consideration of the Financial Reports. Mr. Miller detailed each report as submitted. After further discussion, Mr. Slone motioned to approve the Treasurer's report submitted. Mr. Hensley 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 asked for the review and consideration to write off bad debt. After further discussion, Mr. Slone motioned to approve the bad debt write off. Mr. Hensley seconded. All ayes. Motion carried. Mr. Kerr asked for the review and discussion to approve the 2022 budget. After further review and discussion, Mr. Hensley motioned to approve the 2022 Budget as presented. Mr. Mueller seconded. All ayes. Motion carried.

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

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

Mr. Kerr called for review of the Operations Report. Mr. Miller provided the Operations report. Staff has adjusted the process in which we read meters each month. Customer meters will be read on or within a few days, depending on weekends and holidays, the same each month. This will allow more consistent and efficient readings. Construction on the river intake and water plant projects are moving along at a fast and steady rate. After discussions with Bell Engineering and Pace construction, a plan was made that will allow the plant to keep running with two clarifiers in service throughout the line replacement. A huge hydraulic issue in our system was fixed on Little Blacklog. A 1" jumper that was

feeding Little Blacklog was eliminated. Staff had a contractor bore across the ditch with 4" polyethylene pipe. With this fix staff has seen significant increase in the Clear Well storage. Staff were also able to reduce the PRV on Buck Creek Hill from over 50 to 36 psi. This means we are using less water in the Warfield area and still keeping pressure to our customers' homes. AWR purchased a new excavator and trailer for the District. This will allow the district to continue making progress in the system. This year, the District has seen an increase in licensing by 16 new or upgraded licenses.

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

Mr. Miller presented an update on the capital projects report. Contractors have removed underdrains from treatment basin #1. Poured remaining concrete for the pump ramp at Raw Water Intake, as well as the concrete steps going up the ramp on the south side. Crews have started demolition for new concrete landing around the Raw Water Intake building. They have also started footing excavation for the concrete landing columns.

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 is requesting the approval of the Board to begin utilizing Regional Credit Services for the Districts collections. After review and no further discussion, Mr. Slone motioned to approve the utilization of Regional Credit Services. Mr. Crum seconded. All ayes. Motion carried.

Executive session not required.

Mr. Kerr inquired if there were any other questions before motioning to adjourn.

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 7:07 p.m.

Minutes approved this _____ day of _____, 2021.

James Kerr, Chairman

Cassandra Moore, District Clerk

Martin County Water District

Balance Sheet December 31, 2021

12/31/21

ASSETS

CURRENT ASSETS

Checking Account - Operations	\$	72,021.63
Revenue Fund - EFT		31,783.95
Cash on Hand		900.00
Total Cash		104,705.58
Accounts Receivable		326,121.93
Allowance for Doubtful Accounts		(66,266.78)
Unbilled Accounts Receivable		62,058.00
Inventory		4,566.18
Prepaid Expenses		3,343.78
Total Current Assets		434,528.69

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		(17,922,379.38)
Net Property, Plant, & Equipment		17,776,907.59

RESTRICTED CASH

Security Deposits		187,047.10
Grant Fund		63.04
Sinking Fund - RD		8,457.73
Regions Sinking Fund		99,984.18
KIA Sinking Fund		12,076.93
KACO Sinking Fund		9,827.69
Debt Service Surcharge Fund		1,916.71
Management Infrastructure Surcharge Fund		6,586.90
Depreciation Fund		1,022.00
Accrued Interest Receivable		3.00
Total Restricted Cash		326,985.28

OTHER ASSETS

Deferred Outflows of Resources Related to Pensions		134,959.00
Total Other Assets		134,959.00

Total Assets

\$ 18,673,380.56

Martin County Water District
Balance Sheet
December 31, 2021

12/31/21

LIABILITIES AND DISTRICT'S EQUITY

CURRENT LIABILITIES

Accounts Payable	\$	1,318,284.40
Sales Tax Payable		1,065.81
School Tax Payable		(14,834.52)
Long Term Debt-Current		131,281.02
Accrued Interest Payable		29,904.84
Customer Deposits		82,297.50
Total Current Liabilities		1,547,999.05

LONG-TERM DEBT

Note Payable - KIA		341,577.11
Lease Payable - KACO		56,221.96
Bonds Payable - 2015 E Current Refunding		1,705,000.00
Bonds Premium - 2015 E, Net of A/Amort		17,363.86
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		3,550,279.91

Total Liabilities

5,098,278.96

DISTRICT'S EQUITY

Retained Earnings (Deficit)		13,749,196.33
YTD Net Income		(174,094.73)
Total District's Equity		13,575,101.60

Total Liabilities and District's Equity

\$ 18,673,380.56

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>December, 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			
\$ 145,073	\$ 158,407	Water Sales - Residential	\$ 1,842,225	\$ 2,010,893	\$ 2,010,893
25,216	26,750	Water Sales - Commercial	296,629	320,978	320,978
5,586	7,792	Water Sales - Public Authorities	83,819	93,504	93,504
-	6	Bulk Water Sales	317	50	50
-	2,199	Connection Fees - Tap	17,612	26,333	26,333
2,920	1,487	Late Charge Fees	58,575	17,888	17,888
3,451	2,046	Reconnect/Meter Sets/Other Fees	39,575	24,585	24,585
8,847	8,934	Debt Service Surcharge	107,177	107,241	107,241
15,868	16,038	Management Infrastructure Surcharge	192,369	192,456	192,456
-	437	Miscellaneous Income	97,992	5,233	5,233
206,963	224,096	Total Operating Revenues	2,736,291	2,799,161	2,799,161
		Operating Expenses			
10,939	834	Water Purchased	65,762	10,000	10,000
168,507	168,502	Management & Operations Contract	2,022,079	2,022,079	2,022,079
47,882	21,663	Utilities	377,260	260,000	260,000
1,169	2,500	Insurance	21,709	30,000	30,000
-	837	Repairs & Maintenance	13,005	10,000	10,000
-	-	Materials & Supplies	166	-	-
(1,748)	837	Outside Services	755	10,000	10,000
338	625	Legal Expenses	19,612	7,500	7,500
-	-	Accounting/Audit	7,725	7,800	7,800
4,583	4,587	Bad Debts	54,999	55,000	55,000
-	119	Bond Trustee Fees	450	1,450	1,450
-	156	Dues	4,868	1,850	1,850
262	269	Office Expense	2,804	3,250	3,250
1,112	750	Rent Expense	10,585	9,000	9,000
-	-	Taxes	5,035	-	-
-	663	Regulatory Assess Fees	-	8,000	8,000
-	-	Permits	15	-	-
2,034	-	KY 811 Services	2,451	-	-
846	125	Miscellaneous Expenses	2,771	1,500	1,500
72	-	Customer Deposit Interest Expense	72	-	-
235,995	202,467	Total Operating Expenses	2,612,126	2,437,429	2,437,429
(29,032)	21,629	Net Income B/4 Other Income (Expenses)	124,165	361,732	361,732
		Other Income (Expenses)			
-	-	Capital Contributions	560,746	-	-
11	43	Interest Income	113	483	483
(6,514)	(6,703)	Interest Expense	(79,872)	(80,458)	(80,458)
63	60	Amortization	753	753	753
(65,000)	(65,000)	Depreciation	(780,000)	(780,000)	(780,000)
(71,440)	(71,600)	Total Other Income (Expenses)	(298,260)	(859,222)	(859,222)
\$ (100,472)	\$ (49,971)	Net Income (Loss)	\$ (174,095)	\$ (497,490)	\$ (497,490)

**Martin County Water District
Inez, KY**

Treasury Report

Billing Charges For the Month of:	Dec-21	
Water Revenue		\$ 145,073.40
Water Revenue-Commercial		25,215.77
Water Revenue-Commercial Exempt		5,586.45
Late Charges		2,920.44
Sales Taxes		1,512.94
Debt Service Surcharge		8,847.17
School Tax		5,276.70
Management Infrastructure Surcharge		15,868.36
Returned Check		132.56
Interest on Deposits		(71.51)
Connection Fees		-
Due Back to CAP		-
Other Miscellaneous Fees		3,451.37
Deposits Applied		(631.72)
Refund Checks Paid		229.43
Total Billing Charges		\$ 213,411.36
Gallons Billed		10,570,100
Customers Billed		3,506

Accounts Receivable	Dec-21	
Beginning Balance		396,732.87
Billing Charges		213,411.36
Bad Debt (Write Offs) Recoveries		(55,807.42)
Accounts Receivable Collections		(243,687.57)
End of Month Accounts Receivable		310,649.24

Operations Account		
Beginning Balance		\$ 84,941.67
Deposits		
Accounts Receivable Collections		243,687.57
Accounts Receivable Collections - Pmts in EFT Revenue Account		(88,436.13)
Sewer Billing Collections in Water Bank Acct - Due to MCS		76,230.14
Deposits Received		585.00
Transfers from Other District Accts		90,000.00
Total Deposits		322,066.58
Disbursements:		
Checks Written		(164,450.85)
Pmts made to Sanitation for A/R Collections		(77,020.98)
Transfers to Other District Accts		(41,885.35)
Auto Drafted Utilities		(41,950.77)
Sales and School Tax Payments		(9,066.11)
Returned Checks		(582.56)
Bank Fees		(30.00)
End of Month Balance		\$ 72,021.63

Cash Receipts Collected To Date in:	Jan-22	242,340.58
Bills Submitted for Payment in:	Jan-22	(259,322.23)
Available Balance	4A-4	55,039.98

**Martin County Water District
Inez, KY
Treasury Report
Summary of Cash & Investments
December 31, 2021**

Bank Account	Beginning Balance	Deposits	Interest Earned, Net of Fees	Payments	Ending Balance
Operations Account	\$ 84,941.67	322,066.58	-	(334,986.62)	\$ 72,021.63
Revenue EFT Account	33,442.76	88,436.13	-	(90,094.94)	31,783.95
Cash on Hand	900.00	-	-	-	900.00
Total Unrestricted Cash	119,284.43	410,502.71	-	(425,081.56)	104,705.58
Restricted Cash					
Security Deposits	184,876.64	2,416.78	7.96	(254.28)	187,047.10
ARC Grant	63.04	-	-	-	63.04
Rockhouse Project	8,101.38	10,800.00	-	(10,443.65)	8,457.73
Regions Bank-KY 2015E Martin County	89,538.78	10,443.65	1.75	-	99,984.18
KIA Bond & Interest	11,955.07	5,800.00	0.16	(5,678.30)	12,076.93
KY Assoc of Counties Leasing Trust	8,943.59	1,200.00	0.16	(316.06)	9,827.69
Debt Service Surcharge	7,751.06	7,977.61	0.08	(13,812.04)	1,916.71
Management Infrastructure Surcharge	11,461.78	14,307.74	0.21	(19,182.83)	6,586.90
Depreciation Reserve	1,021.98	-	0.02	-	1,022.00
Total Restricted Cash	323,713.32	52,945.78	10.34	(49,687.16)	326,982.28
Total Cash & Investments	\$ 442,997.75	463,448.49	10.34	(474,768.72)	\$ 431,687.86

**Martin County Water District
Billing Summary**

Date	Billed		Gallons (000'S)	Billed # of Customers	Payments Received
	Revenue	YTD Total			
Dec-21	182,101	2,047,534	10,570	3,506	243,688
Nov-21	209,735	2,075,167	14,015	3,530	226,606
Oct-21	163,832	1,865,433	8,488	3,543	255,238
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

Martin County Water District

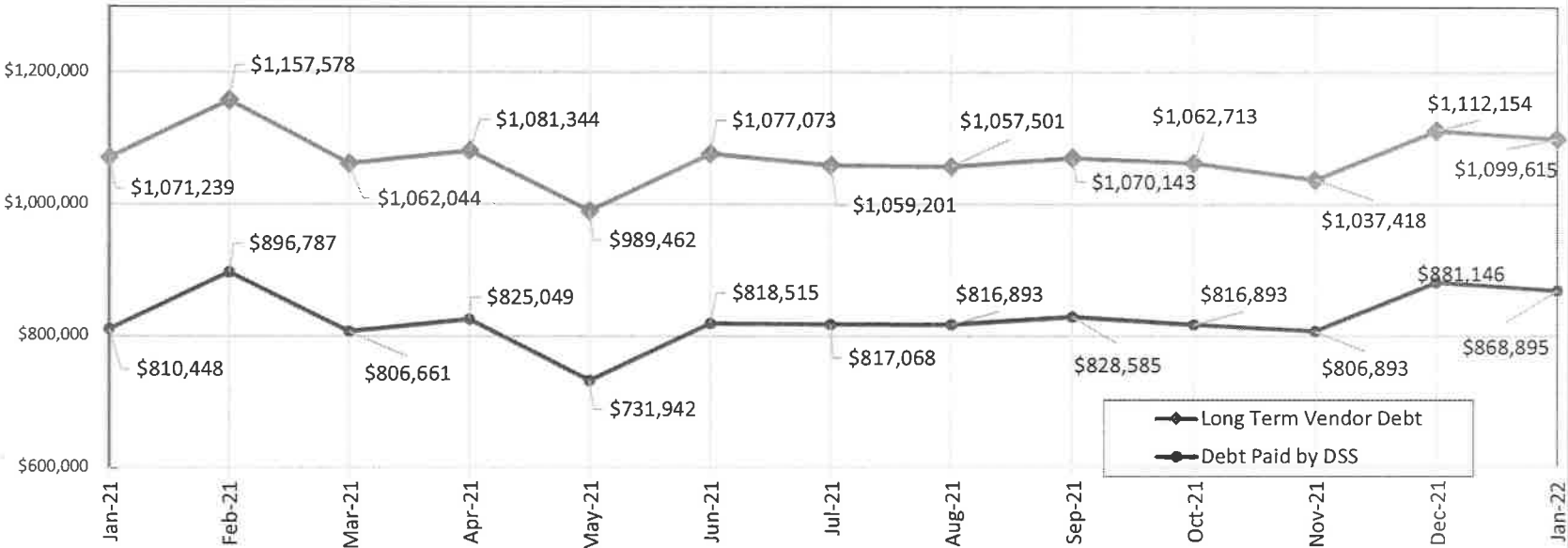
Net Income on a Cash Basis (Snapshot) EXCLUDES DEPRECIATION (format Revised 28 July 20)

	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21
REVENUE													
Customer Count	3,501	3,497	3,623	3,589	3,607	3,579	3,577	3,571	3,561	3,562	3,543	3,530	3,506
Payments Received	\$201,732	\$325,483	\$178,814	\$221,475	\$208,321	\$210,056	\$220,666	\$231,387	\$218,646	\$232,135	\$255,238	\$226,606	\$243,733
EXPENSES													
Operations Account	\$232,012	\$222,042	\$220,106	\$216,707	\$230,318	\$222,369	\$239,191	\$239,068	\$231,079	\$256,851	\$244,621	\$254,388	\$259,322
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	\$15,000	\$0	\$0	\$0	\$10,000	\$0	\$0
MIS EXP / (FUNDING)													
Sub total	\$249,812	\$239,842	\$237,906	\$234,507	\$248,118	\$240,169	\$271,991	\$256,868	\$248,879	\$274,651	\$272,421	\$272,188	\$277,122
NET INCOME													
Cash Basis	-\$48,080	\$85,640	-\$59,092	-\$13,032	-\$39,797	-\$30,113	-\$51,325	-\$25,481	-\$30,233	-\$42,516	-\$17,183	-\$45,582	-\$33,389

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= **\$881,146**
- 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.
- 10: \$10,000 payment made to Xylem from the DSS account not reported in the October 2021 column until the December 2021 financials.

Martin County Water District Outstanding Vendor Debt



Notes:

1: AWR outstanding invoices are reflected in Long Term Vendor Debt and Debt Paid by DSS retroactively

Vendor Balance

Period: 12/01/21..12/31/21

Martin County Water District

Amounts in \$

Only includes vendors with entries in the period

Group Totals: Vendor Posting Group

No.	Name	Ending Balance 12/31/21
DOMESTIC		
V00006	BRIAN CUMBO	-31,371.60
V00010	ALLIANCE WATER RESOURCES, INC.	-393,517.65
V00012	Xylem	-68,739.10
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 \$		-1,099,615.42

Martin County Water District, Inez KY
List of Bills for Consideration
25-Jan-22

<u>Vendor</u>	<u>Description</u>	<u>Amount</u>
Operations Account		
1 AEP	Electric (26 bills) Estimated	\$ 40,699.19
2 Big Sandy RECC	Electric (9 bills) Estimated	\$ 2,737.06
3 Paintsville Utilities	Electric for token (11/5/21 to 12/6/21) Estimated	\$ 46.42
4 Martin County Public Library	Rent (Feb)	\$ 796.12
5 Martin County Water District	Sanitation (Dec)	\$ 141.67
6 Sales tax	12/2021 (estimated)	\$ 1,350.54
7 School tax	12/2021 (estimated)	\$ 7,715.57
8 Alliance Water Resources	1/1/22-1/15/22 O&M services	\$ 82,222.75
9 Alliance Water Resources	1/15/22-1/31/22 O&M services	\$ 82,222.75
10 Alliance Water Resources	1/22 Suddenlink Reimbursement (estimated)	\$ 74.14
11 Alliance Water Resources	1/22 Suddenlink Reimbursement (estimated)	\$ 34.95
12 Management Inf. Surcharge	Estimated (actual collected will be paid)	\$ 14,461.63
13 Debt Service Surcharge	Estimated (actual collected will be paid)	\$ 8,060.67
14 Walker Communications	Phone maintenance (Jan)	\$ 89.00
15 Brian Cumbo	Legal Fees	\$ 337.50
16 Prestonsburg City's Utilities	Purchased Water	\$ 14,839.40
17 Mountain Citizen	Advertisement	\$ 815.77
18 KY Underground Protection	811 Services (Dec)	\$ 183.00
20 CNA Surety	Western Surety Bond	\$ 356.30
21 CNA Surety	Western Surety Bond	\$ 2,137.80
TOTAL		\$ 259,322.23

Operations Account - Debt Service Funding

		<u>Transfer Amounts</u>
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

\$ 277,122.23

Martin County Water District, Inez KY
List of Bills for Consideration
25-Jan-22

<u>Vendor</u>	<u>Description</u>	<u>Amount</u>
PAST DUE ACCOUNTS		12/31/2021
	<u>(Based on cash availability)</u>	
1 CI Thornburg VFD # 2	VFD	\$ 12,071.32
2 Xylem	Pump rental	\$ 68,739.10
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	\$ 31,371.60
7 Evans Hardware #2	Parts & supplies	\$ 18,820.64
8 United Rentals	Pump Rental	\$ 56,722.94
TOTAL		\$ 230,720.49
 DSS Account		
	<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
5 Alliance Water Resources	Management	\$ 393,517.65
TOTAL		\$ 868,894.93
 Total Past Due Accounts		 <u>\$ 1,099,615.42</u>

Martin County Water District, Inez KY
List of Bills for Consideration
25-Jan-22

<u>Vendor</u>	<u>Description</u>	<u>Amount</u>
Security Deposit Account		
Customer		
1 Michael Grayson	Deposit refund due to customer	\$ 64.89
2 Darrell Clark	Deposit refund due to customer	\$ 43.21
3 Kaitlyn Crum	Deposit refund due to customer	\$ 39.07
TOTAL		\$ 147.17



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

DECEMBER 2021

Administrative

Staff has been actively reminding and referring customers to contact the Big Sandy Community Action Program if they are having trouble paying or maintain services.

Water Treatment

Construction on the river intake and water plant projects are moving along at a fast and steady rate. Initial design for the ramp has been built and engineering plans have been completed for an extension.

One potential issue we ran into was the fabrication of a trailer for the intake pump. Bell Engineering and AWR staff had been in correspondence with two representatives for Xylem to design a custom trailer for the district's Godwin pumps. Both representations are no longer employees of Xylem and any plans drawn up are seemingly no longer in existence. We have been in contact with one of their shop managers and working towards getting a solution to meet our requirements.

MCWD staff completed the grinding, priming and painting of an 8' section of pipe in the gallery and have grinding on the check valve for the high service pump two.

Distribution:

The distribution team continues to make strides in correcting hydraulic issues that have plagued this system for years.

A 4" poly line bore was completed that will feed Milo Estates. This line has been fed with a 2" main for years, which is simply not enough water for the number of residents in Milo Estates.

There was a similar issue at Little Lick Br on Old Rt3 where the entire holler has been fed with two 1" jumpers for years. A 4" main was bored and it will be tied into the 6" main that runs alongside Old Rt3. This will provide much more water to that holler and should allow customers at higher elevations in that holler to remain in water even if there is an issue on the 6" main.



The distribution team has been running short staffed for more than 2 months but we have hired 2 utility workers and should allow us to get many more things accomplished.

We have also made huge strides in our GIS program. We have 1928 of our approximately 3500 meters plotted on our GIS.

Our district meter program has also been improved with color coded districts on our QGIS. We are very excited to continue to improve this program so we can effectively and efficiently fight water loss



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Customer Service:

Staff received a call from a customer thanking them for notification about a higher-than-normal usage. His wife also made candy for the billing clerks and stated again how grateful they were to have the monthly calls to customers in these types of situations.

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

Justin Staton passed his Distribution II license and Kody Rainwater passed his Distribution I license. This year, the District has seen an increase in licensing by 16 new or upgraded licenses.

Water Plant Operation

Water Pumped – November	
Total Water Production (gallons)	51,643,000
Total Water Metered/Billed (gallons)	10,295 ,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)	1.666 MGD
Maximum Daily Flow	1.732 MGD
Fluoride Used (lbs.)	397.5 LBS
Chlorine Used (lbs.)	1,263 LBS
Lab Tests	3,751 TESTS

Water Quality Analysis

Test	Routine	Special	Repeat
Bacteriological	10 (Pass)	3 (Pass)	
		Reported	Minimum Limit
Fluoride Plant Sample	31	0.86 mg/l Average	0.6 mg/l
Chlorine Distribution Sample	37 37	Low Readings Total - 0.61 mg/L Free – 0.51mg/L	0.2 mg/l

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)
12/1/21	2347 Blacklog Rd	¾" Service	79,000
12/1/21	5412 Rockcastle Rd	¾" Service	171,000
12/2/21	Hode Rd	6" Main	374,000
12/3/21	51 Jacobs Ln	¾" Service	160,000
12/4/21	1825 Riverfront Rd	¾" Service	341,000
12/8/21	13161 Riverfront Rd	4" Main	684,000
12/8/21	373 Groundhog Hollow	¾" Service	305,000
12/9/21	686 Cassell Br	¾" Service	300,000
12/10/21	38 Floyd St	Meter	341,000

Martin County Water District

12/10/21	2875 Hode Rd	¾" Service	792,000
12/10/21	103 Spring Br	¾" Service	79,000
12/13/21	147 E Main St STE 200	¾" Service	475,000
12/14/21	4846 Turkey Crum Br	3" Mian	160,000
12/14/21	7097 Beauty Rd	¾" Service	272,000
12/14/21	51 Henry Goble Rd	¾" Service	79,000
12/15/21	89 Justin Dr	¾" Service	396,000
12/15/21	1493 Riverfront Rd	¾" Service	816,000
12/17/21	56 Kenny Dr	2" Main	831,000
12/20/21	767 W Main St	¾" Service	635,000
12/22/21	2555 Blacklog Rd	2" Mian	907,000
12/22/21	49 Gordon Hollow	¾" Service	792,000
12/24/21	89 LaffertyLn	¾" Service	831,000
12/27/21	3028 Blacklog Rd	¾" Service	871,000
12/27/21	328 W Main St	¾" Service	2,249,000
12/29/21	224 Old Middlefork Rd	¾" Service	91,000

Repair Expenses Ending November 2021

Expended	Actual YTD	Annual Budget	% Budget / Line Item
Bldg. & Grounds Maintenance	\$358	\$7,000	5%
Vehicle Maintenance	\$56,685	\$25,000	227%
Water Plant Maintenance	\$25,648	\$15,000	171%
Well Maintenance	\$0	\$0	0%
Distribution System Maintenance	\$204,347	\$60,000	341%
Water Meter Maintenance	\$14,138	\$10,000	141%
Collection System Maintenance	\$0	\$0	
Street Maintenance	\$8,954	\$8,000	112%
Totals	\$310,130	\$125,000	248%

Chemical Expenses Ending November 2021

Expended	Actual YTD	Annual Budget	% Budget / Line Item
Sodium Bisulfite	\$2,300		
Sodium Hydroxide	\$7,249	\$11,000	66%
Sulfuric Acid	\$1,810		
Lime/Caustic Soda	\$0	\$30,000	N/A
Polymer	\$2,816	\$15,000	19%
Alum	\$29,931	\$0	N/A
Chlorine	\$24,712	\$20,000	124%
Permanganate	\$7,827	\$19,000	41%
Fluoride	\$3,132	\$7,000	45%
Chemicals Other - Water	\$14,212	\$8,000	177%
Totals	\$93,987	\$110,000	85%

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Notes:

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

- 2) Vehicle Maintenance
 - a. Fast Change Lube & Oil \$186.23
 - b. Fast Change Lube & Oil \$539.35
 - c. Fast Change Lube & Oil \$236.31
 - d. Fast Change Lube & Oil \$173.79
 - e. Fast Change Lube & Oil \$115.48
 - f. Sunbelt Rentals \$1,306.61
 - g. Advanced Auto \$9.00
 - h. Advanced Auto \$204.57
 - i. Fast Change Lube & Oil \$239.50
 - j. Fast Change Lube & Oil \$187.55
 - k. Fast Change Lube & Oil \$51.91
 - l. In Ward Signs and More \$30.90
 - m. Middlefork \$399.53
 - n. Middlefork \$256.06
 - o. Middlefork \$560.64
 - p. Middlefork \$787.56
 - q. Middlefork \$683.11
 - r. Fast Change Lube & Oil \$135.57
 - s. Kermit Western \$26.08
 - t. TS VIOC \$137.93
 - u. Sparkling Care Wash \$135.57

- 3) Water Plant Maintenance
 - a. All-Pumps \$1,512.00
 - b. Ebay \$501.20

- 4) Well Maintenance
 - a. \$0.00

- 5) Distribution System Maintenance
 - a. United Industrial Services \$5,791.50
 - b. Ferguson \$212.80
 - c. Ferguson \$1,092.78
 - d. Roy Kirk \$145.00
 - e. Consolidated Pipe \$76.32
 - f. Roy Kirk \$180.00
 - g. Roy Kirk \$145.00
 - h. Roy Kirk \$195.00
 - i. Roy Kirk \$285.00
 - j. R&J \$23.28
 - k. R&J \$105.99

Martin County Water District

- l. R&J \$21.18
 - m. Consolidated Pipe \$263.96
 - n. Consolidated Pipe \$249.57
 - o. Consolidated Pipe \$344.71
 - p. Consolidated Pipe \$27.17
 - q. Consolidated Pipe \$232.62
 - r. Consolidated Pipe \$986.35
 - s. Citco \$318.65.
 - t. Consolidated Pipe \$724.86
 - u. Consolidated Pipe \$116.85
 - v. Consolidated Pipe \$870.47
 - w. Consolidated Pipe \$1,489.17
 - x. Roy Kirk \$215.00
 - y. Citco \$44.52
 - z. Roy Kirk \$205.00
 - aa. Roy Kirk \$425.00
 - bb. Roy Kirk \$300.00
 - cc. Roy Kirk \$58.43

- 6) Meter Maintenance
 - a. \$0.00

- 7) Sodium Bisulfite
 - a. CITGO Water - \$275.60

- 8) Sodium Hydroxide
 - a. \$0.00

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

- 10) Polymer
 - a. \$0.00

- 11) Alum
 - a. \$4,488.00

- 12) Chlorine
 - a. CITGO Water - \$2,130.03

- 13) Permanganate
 - a. Brenntag Mid-South, Inc. - \$1,597.24

- 14) Fluoride
 - a. Brenntag Mid-South, Inc. - \$1,495.02

- 15) Chemicals Other – Water
 - a. \$0.00

PUBLIC SERVICE COMMISSION

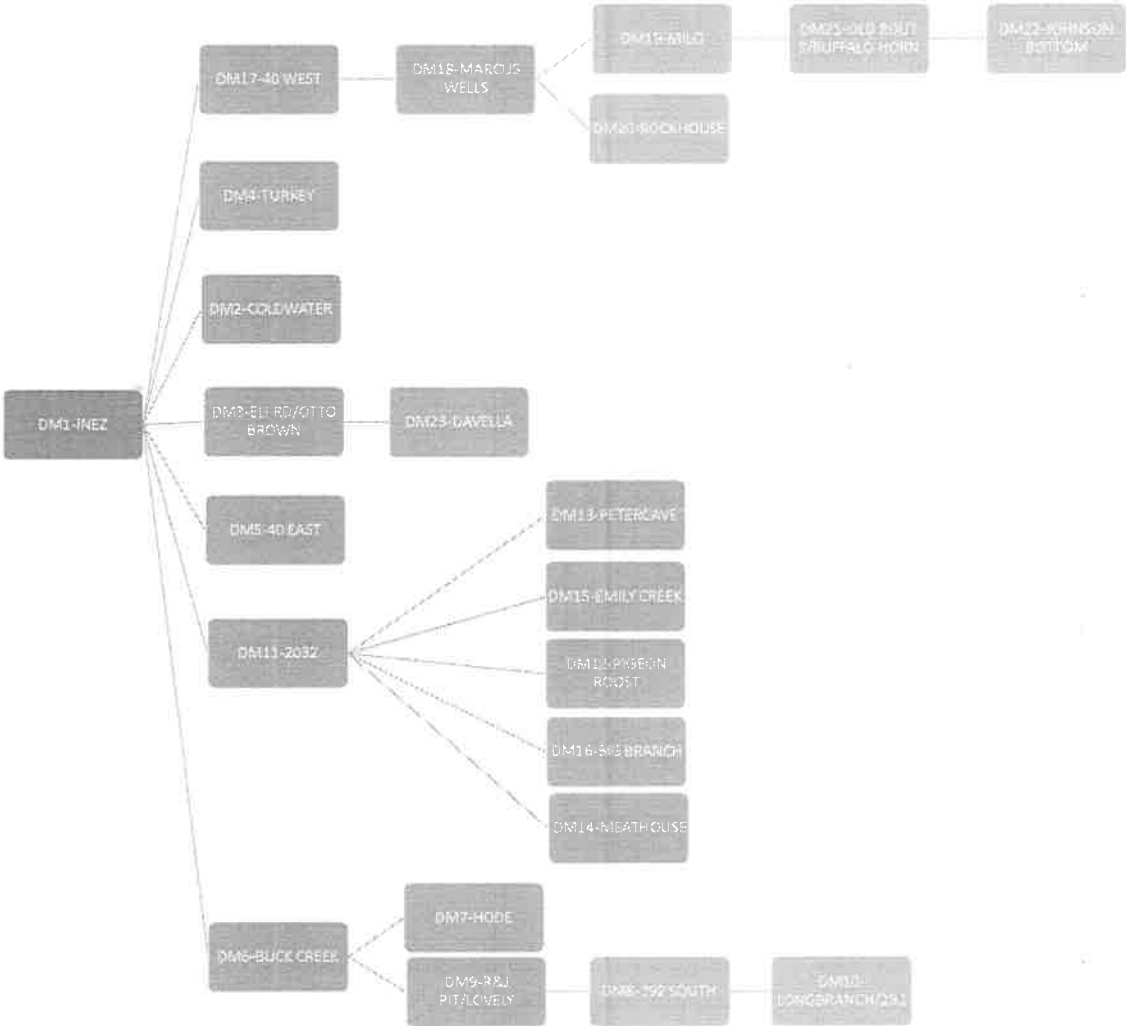
Monthly Water Loss Report

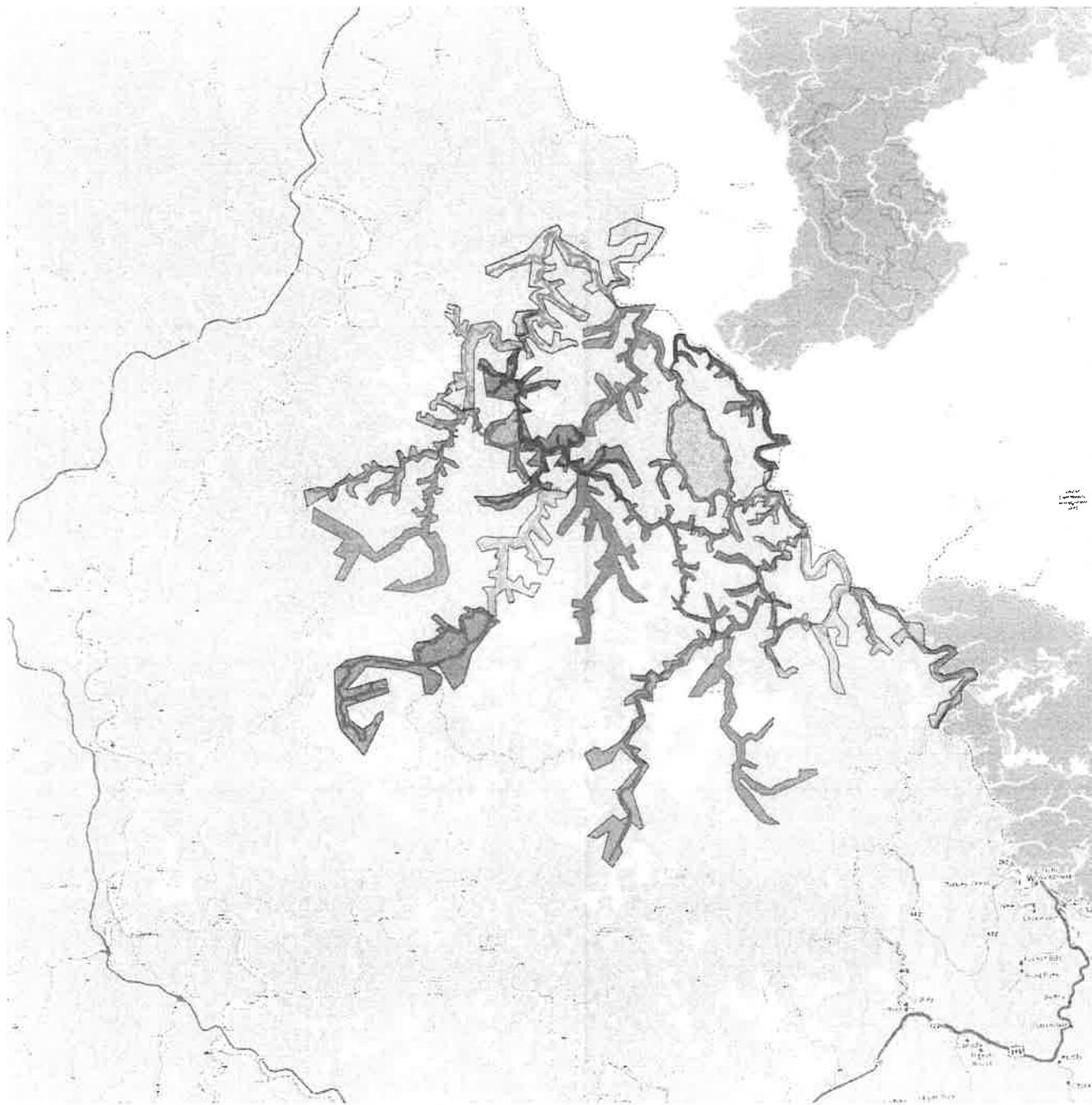
Water Utility: Martin County Water District

For the Month of: December Year: 2021

LINE #	ITEM	GALLONS (Omit 000's)
1	WATER PRODUCED AND PURCHASED	
2	Water Produced	51,643
3	Water Purchased	3,690
4	TOTAL PRODUCED AND PURCHASED	55,333
5		
6	WATER SALES	
7	Residential	8,483
8	Commercial	2,087
9	Industrial	
10	Bulk Loading Stations	
11	Wholesale	
12	Public Authorities	
13	Other Sales (explain)	
14	TOTAL WATER SALES	10,570
15		
16	OTHER WATER USED	
17	Utility and/or Water Treatment Plant	785
18	Wastewater Plant	
19	System Flushing	
20	Fire Department	
21	Other Usage (explain)	
22	TOTAL OTHER WATER USED	785
23		
24	WATER LOSS	
25	Tank Overflows	
26	Line Breaks	
27	Line Leaks	43,978
28	Excavation Damages	
29	Theft	
30	Other Loss	
31	TOTAL WATER LOSS	43,978
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)	79.48%

MASTER METER FLOW CHART





Water

Consumption Zones

- ☐ DM10-LONGBRANCH/292
- ☐ DM12-PIGEON ROOST
- ☐ DM14-MEATHOUSE
- ☐ DM20-ROCKHOUSE
- ☐ DM22-JOHNSON BOTTOM
- ☐ DM2-COLDWATER
- ☐ DM3-ELI RD/OTTO BROWN
- ☐ DM4-TURKEY
- ☐ DM6-BUCK CREEK
- ☐ DM7-HODE
- ☐ DM 8-292 SOUTH
- ☐ DM11-2032
- ☐ DM13-PETER CAVE
- ☐ DM15-EMILY CREEK
- ☐ DM16-BIG BRANCH
- ☐ DM17-40W
- ☐ DM18-MARCUS WELLS
- ☐ DM19-MILO
- ☐ DM1-INEZ
- ☐ DM21-OLD ROUTE 3/BUFFALO HORN
- ☐ DM23-DAVELLA
- ☐ DM5-40 EAST
- ☐ DM9-R&J PIT/LOVELY
- ▣ Tank
- ▣ WTP

*** CUSTOMER CLASS TOTALS ***

CLASS	SERVICE/TBL	NUMBER BILLED	BILL CONS	TOTAL CONS	DEMAND CONS	TAX AMOUNT	BILL AMOUNT
C	010-C<1	2	170	170		\$ 6.72	\$ 74.64
	040-C	2	170	170		\$	\$ 66.00
	070-DSS	2	0	0		\$	\$ 5.26
	075-SDS	2	0	0		\$	\$ 10.00
	080-MIS	2	0	0		\$	\$ 9.44
	TOTAL:		340	340		\$ 6.72	\$ 165.34
G	010-G	1	0	0	\$	1.12	\$ 37.32
	010-G1	1	2,400	2,400	\$	2.06	\$ 68.59
	010-G2	1	30,000	30,000	\$	9.56	\$ 318.53
	010-ZZZ	1	0	0			
	040-C	2	32,400	32,400		\$	486.60
	070-DSS	3	0	0		\$	7.89
	075-SDS	2	0	0		\$	10.00
	080-MIS	3	0	0		\$	14.16
	TOTAL:		64,800	64,800	\$	12.74	\$ 943.09
R	010-R	271	936,690	936,690	\$	441.26	\$ 14,706.02
	040-R	86	280,970	280,970		\$	4,891.84
	070-DSS	271	0	0		\$	712.73
	075-SDS	86	0	0		\$	430.00
	080-MIS	271	0	0		\$	1,279.12
	100-PC	5	0	0		\$	215.11
	100-PPC	2	0	0		\$	98.01
	102-PFS	2	0	0		\$	24.81
	103-PFW	5	0	0		\$	75.16
	TOTAL:		1,217,660	1,217,660	\$	441.26	\$ 22,432.80

*** SERVICE CODE TOTALS ***

SERVICE/TBL	NUMBER BILLED	BILL CONS	TOTAL CONS	DEMAND CONS	TAX AMOUNT	BILL AMOUNT
010-C<1	2	170	170		\$ 6.72	\$ 74.64
010-G	1	0	0		\$ 1.12	\$ 37.32
010-G1	1	2,400	2,400		\$ 2.06	\$ 68.59
010-G2	1	30,000	30,000		\$ 9.56	\$ 318.53
010-R	271	936,690	936,690		\$ 441.26	\$ 14,706.02
010-ZZZ	1	0	0			
TOTAL:	277	969,260	969,260		\$ 460.72	\$ 15,205.10
040-C	4	32,570	32,570			\$ 552.60
040-R	86	280,970	280,970			\$ 4,891.84
TOTAL:	90	313,540	313,540			\$ 5,444.44
070-DSS	276	0	0			\$ 725.88
TOTAL:	276	0	0			\$ 725.88
075-SDS	90	0	0			\$ 450.00
TOTAL:	90	0	0			\$ 450.00
080-MIS	276	0	0			\$ 1,302.72
TOTAL:	276	0	0			\$ 1,302.72
100-PC	5	0	0			\$ 215.11
100-EPC	2	0	0			\$ 98.01
TOTAL:	7	0	0			\$ 313.12
102-PPS	2	0	0			\$ 24.81
TOTAL:	2	0	0			\$ 24.81
103-PPW	5	0	0			\$ 75.16
TOTAL:	5	0	0			\$ 75.16

*** SERVICE CATEGORY TOTALS ***

SERV CATG	NUMBER BILLED	BILL CONS	TOTAL CONS	DEMAND CONS	TAX AMOUNT	BILL AMOUNT
DSS	276	0	0			\$ 725.88
MIS	276	0	0			\$ 1,302.72
SDS	90	0	0			\$ 450.00
SWR	92	313,540	313,540			\$ 5,469.25
WTR	289	969,260	969,260	\$	460.72	\$ 15,593.38

D: Payments To Contractor:

Total Cost of Work Completed per Pay Request No. 3 Including Change Orders and Stored Materials	\$432,598.24
10% Retainage	\$43,259.82
Total Earned (Total Cost Less Retainage)	\$389,338.42
Amount Due Contractor per Pay Request No. 3	\$153,088.42
Percent of Contract Amount Completed thru Pay Request No. 3	12.5 %

E: Progress Since Last Meeting:

Installed micropiles at Raw Water Intake.

Completed concrete ramp and steps to river at Raw Water Intake.

Poured 3 concrete columns and footings for new electrical building deck at Raw Water Intake.

Poured concrete pier foundations for winch and sheave at Raw Water Intake.

Installed chemical feed pipe and manholes around Treatment Units 1-3 at WTP.

Began excavation for the valve vault at the WTP.

F: Anticipated Progress During Next 30 Days:

Continue excavation and start valve vault concrete work at WTP.

Install temporary electrical service at the RWI.

Once temporary electrical service is complete, plan to construct the remaining columns and foundation.

G: Shop Drawing Submittals:

No outstanding shop drawing submittals at this time.

H: Change Order Items:

Pace has submitted pricing for adding the generator and roof replacement back in the contract.

Ben Hale with Big Sandy Area Development District stated that he will be attending a meeting in the morning regarding the additional funding. Ben stated that he is very confident this will move forward. Ben stated that he will confirm following the meeting.

Bell Engineering will have their Electrical Engineer do a cursory review of the Evapar Generac quote and if acceptable will proceed with preparing the change order and circulate it for signatures. Contractor stated that shop drawings typically take 2 to 4 weeks and lead time on generator currently is 36 weeks.

I: Project Concerns? Questions?

Contractor is waiting on raw water pump to be changed out, so they can perform temporary electrical switchover at Raw Water Intake.

Secondary pump will run off of the same voltage. Pumps are currently off-line, WTP is being fed from the reservoir. Therefore, the switch over can be made at any time.

Trailer for raw water pump needs to be ordered by Martin County Water soon, as deliveries for all products are being extended out way beyond normal.

Jon Ridings with Alliance informed Bell that the two contacts they had at Xylem are no longer employed there and no one at Xylem knew about the project. Jon provided another contact at Xylem, Jimmy Commer. Bell will reach out to Jimmy Commer and provide information to Xylem. Tom Wood stated he also knows a couple people with Xylem that he could contact if needed.

J: Contractor Comments:

The Contractor stated that the 10 Inch plant water supply line to treatment unit No.2 is not in the footprint of the proposed vault as originally believed. Therefore, it should not need to be relocated. Contractor stated they did encounter multiple existing pipes in the area that were previously abandoned and no longer in service.

Pace stated that AEP has not dropped power for the temporary service. Electrical subcontractor, Ledger Electric stated they must construct the temporary service and have it inspected and then the inspector will contact AEP to provide service. Ledger Electric stated they have everything on their truck today for the temporary service, stating they should have it ready for inspection by the middle of next week.

Ledger Electric asked who will be performing the demo work of the existing building. Pace stated that is between Pace and Ledger Electric and will be addressed outside this meeting.

Electrical equipment called to be demolished from the existing building is to be turned over to the Owner. Owner stated it can be set outside as it will be scrap.

K: Owner Comments:

No other comments.

L: Agency Comments:

AML stated they will make a site visit within the next couple weeks. Everything is looking good so far.

M: Other Comments:

Engineer inquired as to how the Contractor feels about their current schedule. The Contractor stated everything needs to fall into place, specifically with FabTech, as they do not have a lot of float in their schedule. The Contractor stated that he will stay on top of it.

- N.** Progress Meeting #4 is scheduled for 10:00 a.m., Wednesday, February 16, 2022. Meeting held to be held at the Collier Community Center Conference Room, 387 Main Street, Inez, KY.

January 25th, 2022

TO: Martin County Water District
Board of Directors

INFORMATION & DECISION

FROM: Staff

RE: Milo Subdivision Bore Invoice

Due to the potential for reimbursement from a grant project, staff is recommending the board pay for the Milo Subdivision bore from the operations accounts, instead of the repair cap.

