

BRIAN CUMBO ATTORNEY AT LAW

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ADMITTED IN KY AND WV

June 27, 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 June 28, 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 June 28, 2022.

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

CERTIFICATE OF SERVICE

This will certify that a true and correct copy of the foregoing was served via electronic filing on this the 27th day of June, 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, June 28, 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
- 8) Capital Projects Report
 - A. Project Updates
 - B. CIP Numbers/Project List
- 9) Other Old Business
- 10) Other New Business
 - A. Review and Consideration to Approve Application, Supply and Taking of Service Policy
 - B. Review and Consideration to Approve Connection Fees and Procedures Policy
 - C. Review and Consideration to Approve Water Rates and Charges Policy
- 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 May 24, 2022, Meeting Minutes

Presiding:

James Kerr, Chairman

Present:

Directors: Greg Crum, BJ Slone, John Hensley, Nina McCoy

Staff: Brian Cumbo (Attorney), Craig Miller (GM), Jon Ridings, (LM),

Cassandra Moore

Guests:

The Regular Meeting of the Martin County Water District was held on May 24, 2022, at the Martin County Government Center, at 42 East Main St (2nd Floor), Inez, Kentucky 41224. Mr. Kerr called the meeting to order at 6:05 p.m.

Mr. Kerr called for review of the April 26, 2022, Regular Board Meeting minutes. Having no questions or further discussions, Mr. Hensley motioned to accept the April 26, 2022, Regular Board Meeting minutes. Mr. Slone seconded. All ayes. Motion carried.

Mr. Kerr inquired if there were any guest requesting 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. 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. Slone motioned to approve, Mr. Crum seconded. All ayes. Motion carried. Mr. Kerr requested discussion on the review and consideration to approve the 2021 Audit. After further discussion, Mr. Hensley motioned to approve the 2021 Audit. Mrs. McCoy 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. Kerr called for review of the Operations Report. Staff is in the process of understanding, clarifying, and developing company policies for the District. Together, policies and procedures will provide the District a road map for day-to-day operations. It will ensure compliance with laws and regulations, give guidance for decision-making, and streamline internal processes. Construction on the river intake and water plant projects continue. The riverbank had riprap applied and the electrical building is near completion. Engineers at Xylem are working on the customized trailer for the ramp. The monthly project progress meeting is on May 18th. The large pump was delivered and set at the intake. After running for six days, we had to pull the pump due to the flooding of Tug Fork. We are experiencing issues with the pump that we are working with Xylem to solve. The

reservoir currently has 19' of water above the sensor. Normal pool is 23'. We start experiencing flow issues at 9'. We received written confirmation that \$36,000 of pump rental charges were credited by Xylem. We received \$5,000 from Prestonsburg as a result of being able to pump to the prison again. We expect this amount to increase in May. Distribution crew worked side by side with the county garage employees at the reservoir. Weeds were cut, trees trimmed, and trash was picked up.

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

Mr. Miller presented an update on the capital projects report. A request has been submitted to AML asking that the project scope be revised. Components that would remain in the project would include upgrading the existing Davella Pump Station, construction of a master meter, and construction of a Booster Chlorination System. Proposed revised scope would consist of the following components: relocate the proposed Pump Station so that it replaces the existing Otto Brown Station. This station is beyond its useful life and subject to confined space constraints. Replaced existing waterline in the vicinity of the Otto Brown Station that is subject to leaks. Provide modifications to the Middle Fork Tank rather than construct a new tank. Bell is finalizing an opinion of probable cost to rehabilitate the Turkey Tank. The clarifier should have water in it by the end of June, early July. Plans will be to take down the #2 clarifier for cleaning and then proceed to clarifier #3.

Mr. Kerr inquired if there was any Other Old Business to discuss. Staff updated the Board about the Dollar General Store Valve Box. The box was fixed by the State Road Department. It has now been paved and leveled around it. The Board discussed the Extended Service Warranty Proposal from Microcomm that has previously been tabled for discussion. After further review and discussion, Mr. Slone motioned to accept the Microcomm Extended Service Warranty Proposal. Mr. Crum seconded. All ayes. Motion carried.

Mr. Kerr inquired if there was any Other New Business to discuss. Staff presented the Board with an invoice from Wilson Equipment for payment approval. Mr. Slone approved the Wilson Equipment payment. Mr. Hensley seconded. All ayes. Motion carried. Staff presented the Board with an invoice from Xylem. After further review and discussion, the Board agreed to table the discussion until the repairs were fixed correctly. Mr. Hensley motioned to approve payment once all repairs were fixed correctly. Mr. Slone seconded. All ayes. Motion carried. Staff submitted to the Board a customer issue regarding their account. All information was provided so that the Board would be aware of the issue.

Executive session not required.

Mr. Kerr inquired if there were any other questions before motioning to adjourn. Mr. McCool, the Kentucky State Representative, spoke to the Board and advised that he would love to help Martin County Water District in any way he could. To reach out to him with any questions or information. A customer asked about the 292 line project, and if there was a statue of limitations pertaining to the work that was completed. Mr. Cumbo

will	investigate	the	statue	of	limitations	for	the	292	project	and	will	update	Board	with
info	rmation onc	e ob	tained.											

Having no further items for discussion, Mr. Kerr requested a motion to adjourn. Mr. Hensley motioned to adjourn the meeting. Mr. Slone seconded. All ayes. Motion carried. Meeting adjourned at 7:23 p.m.

Minutes approved this	day of	, 2022.		
·				
James Kerr, Chairman	Cassandra Moore	Cassandra Moore, District Clerk		

Martin County Water District Balance Sheet May 31, 2022

ACCETC	5/31/22
ASSETS	
CURRENT ASSETS	
Checking Account - Operations	\$ 101,230.89
Revenue Fund - EFT	6,162.72
Debt Service Surcharge Fund	10,532.57
Management Infrastructure Surcharge Fund	16,462.99
Security Deposits	89,658.19
Cash on Hand	900.00
Total Cash	224,947.36
Accounts Receivable	342,754.34
Allowance for Doubtful Accounts	(52,220.59)
Unbilled Accounts Receivable	92,562.00
Inventory	5,557.34
Prepaid Expenses	8,543.93
Total Current Assets	622,144.38
PROPERTY, PLANT, & EQUIPMENT	
Land	214,713.83
Water Supply & Distribution System	28,209,897.65
Buildings	500,263.89
Equipment & Furniture	6,382,256.38
Vehicles	138,773.45
Construction Work in Progress	138,144.97
Less: Accumulated Depreciation	(18,046,009.61)
Net Property, Plant, & Equipment	17,538,040.56
RESTRICTED CASH	
Grant Fund	63.07
Sinking Fund - RD	10,781.48
Regions Sinking Fund	58,530.53
KIA Sinking Fund	12,698.13
KACO Sinking Fund	2,436.87
Depreciation Fund	1,022.10
Cost of Issuance Fund 2022	2,098.00
Certificate Fund - 2022 Debt Svc	64,238.31
Revenue Fund - 2022	3,344.09
Accrued Interest Receivable	22.00
Total Restricted Cash	155,234.58
OTHER ASSETS	
Deferred Outflows of Resources Related to Pensions	134,959.00
Total Other Assets	134,959.00
Total Assets	\$ 18,450,378.52

Balance Sheet May 31, 2022

	5/31/22
LIABILITIES AND DISTRICT'S EQUITY	
CURRENT LIABILITIES	
Accounts Payable	\$ 255,251.26
Sales Tax Payable	1,910.28
School Tax Payable	6,636.28
Long Term Debt-Current	57,992.86
Accrued Interest Payable	26,794.59
Customer Deposits	88,490.53
Total Current Liabilities	437,075.80
LONG-TERM DEBT	
Note Payable - KIA	317,624.45
Lease Payable - KACO	41,221.96
Bonds Payable - 2015 E Current Refunding	1,645,000.00
Bonds Premium - 2015 E, Net of A/Amort	17,047.39
Bonds Payable - 2022 B	1,110,000.00
Bonds Premium - 2022 B, Net of A/Amort	6,586.20
Less Current Portion of L-Term Debt	(57,992.86)
Net Pension Liability	1,080,845.00
Other Inflow Resources - Pension	480,553.00
Total Long-Term Debt	4,640,885.14
Total Liabilities	5,077,960.94
DISTRICT'S EQUITY	
Retained Earnings (Deficit)	13,507,653.18
YTD Net Income	(135,235.60)
Total District's Equity	13,372,417.58
Total Liabilities and District's Equity	\$ 18,450,378.52

Statements of Revenues and Expenses Fiscal Year Jan 01 to Dec 31

For the Month(s) Ending Actual vs Budget

May, 2022	YTD
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					Annual
Actual	Budget		Actual	Budget	Budget
		Operating Revenues			
\$ 181,401	\$ 168,104	Water Sales - Residential	\$ 855,664	\$ 840,520	\$ 2,017,245
31,217	26,330	Water Sales - Commercial	146,370	131,650	315,955
14,359	9,104	Water Sales - Public Authorities	42,016	45,520	109,247
1,000	4	Bulk Water Sales	30	20	50
3,000	2,202	Connection Fees - Tap	17,372	11,010	26,418
6,031	4,740	Late Charge Fees	27,985	23,700	56,874
1,973	3,054	Reconnect/Meter Sets/Other Fees	14,440	15,270	36,644
8,839	8,918	Debt Service Surcharge	44,032	44,590	107,015
15,863	16,078	Management Infrastructure Surcharge	78,998	80,390	192,936
15,000		Miscellaneous Income	1,112	:=:	=======================================
262,682	238,534	Total Operating Revenues	1,228,018	1,192,670	2,862,384
		Operating Expenses			
Ter	21	Materials & Supplies	2	105	249
22	833	Water Purchased	48,814	4,165	10,000
168,507	168,507	Management & Operations Contract	842,535	842,535	2,022,084
24,484	26,667	Utilities	102,074	133,335	320,000
2,904	2,423	Insurance	14,520	12,115	29,070
18,255	833	Repairs & Maintenance	23,443	4,165	10,000
54	270	Outside Services	277	1,350	3,243
775	1,349	Legal Expenses	5,688	6,745	16,182
7,950	7,500	Accounting/Audit	7,950	7,500	7,500
4,583	4,583	Bad Debts	22,916	22,915	54,999
Ne:		Bond Trustee Fees	450	675	675
227	278	Dues	1,133	1,390	3,330
470	279	Office Expense	929	1,395	3,344
796	ш.	Rent Expense	4,006	-	
020	ш.	Taxes		~	7,553
-	808	Regulatory Assess Fees	5	4,040	9,692
-	2	Permits	25	10	23
93	-	KY 811 Services	543	(m)	*
30	226	Miscellaneous Expenses	258	1,130	2,708
2		Customer Deposit Interest Expense	31		
229,130	214,579	Total Operating Expenses	1,075,566	1,043,570	2,500,652
33,552	23,955	Net Income B/4 Other Income (Expenses)	152,451	149,100	361,732
		Other Income (Expenses)			
((=)	*	Capital Contributions	120,687	300	*
96	=	Interest Income	130	76	2
(9,267)	(6,705)	Interest Expense	(36,847)	(33,525)	(80,458)
392	63	Amortization	766	315	753
(65,000)	(65,000)	Depreciation	(325,000)	(325,000)	(780,000)
(42,902)		Bond Issue Costs	(47,422)	· /#	
(116,681)	(71,642)	Total Other Income (Expenses)	(287,687)	(358,210)	(859,705)
\$ (83,129)	\$ (47,687)	Net Income (Loss)	\$ (135,236)	\$ (209,110)	\$ (497,973)

Martin County Water District Inez, KY

Treasury Report

Billing Charges For the Month of: May-22		
Water Revenue	\$	181,400.65
Water Revenue-Commercial	4	31,216.86
Water Revenue-Commercial Exempt		8,591.70
Late Charges		6,030.55
Sales Taxes		1,862.28
Debt Service Surcharge		8,838.78
School Tax		6,629.82
Management Infrastructure Surcharge		15,862.76
Returned Check		431.87
Interest on Customer Deposits		(1.98)
Connection Fees		3,000.00
Other Miscellaneous Fees		1,837.00
Deposits Applied		(720.00)
Refund Checks Paid	_	299.48
Total Billing Charges		265,279.77
Gallons Billed		13,264,340
Customers Billed		3,408
Accounts Receivable May-22 Beginning Balance		286,505.45
Billing Charges		265,279.77
Bad Debt (Write Offs) Recoveries		203,217.11
Accounts Receivable Collections		(228,490.91)
End of Month Accounts Receivable		323,294.31
Operations Account Beginning Balance	\$	1,142,506.34
Deposits Deposits	Ψ	1,1 12,500.5 1
Accounts Receivable Collections		228,490.91
Accounts Receivable Collections - Pmts in EFT Revenue Account		(84,199.13)
Sewer Billing Collections in Water Bank Acct - Due to MCS Customer Deposits Received		56,739.45
Miscellaneous Income (Hydrant Meter)		2,880.00 136.49
Transfers from Other District Accts		97,000.00
Prestonsburg Utilities		5,767.40
Total Deposits	-	306,815.12
Disbursements:		
Checks Written		(1,204,983.13)
Pmts made to Sanitation for A/R Collections		(67,850.57)
Transfers to Other District Acets		(44,318.42)
Auto Drafted Utilities		(28,967.10)
Sales and School Tax Payments		(1,705.61)
		(00 = = ::
Returned Checks		(235.74)
Returned Checks Bank Fees End of Month Balance		(30.00)
Bank Fees End of Month Balance	\$	(30.00) 101,230.89
Bank Fees End of Month Balance Cash Receipts Collected To Date in: Jun-22	\$	(30.00) 101,230.89 235,298.35
Bank Fees End of Month Balance	\$	(30.00) 101,230.89

Martin County Water District Inez, KY Treasury Report Summary of Cash & Investments May 31, 2022

	Beginning		Interest Earned, Net		
Bank Account	Balance	Deposits	of Fees	Payments	Ending Balance
Operations Account	\$ 1,142,506.34	306,815.12	<u> </u>	(1,348,090.57)	\$ 101,230.89
Revenue EFT Account	19,253.14	84,199.13	₩	(97,289.55)	6,162.72
Debt Service Surcharge	1,916.64	8,615.81	0.12		10,532.57
Management Infrastructure Surcharge	1,000.17	15,462.61	0.21		16,462.99
Security Deposits	87,513.85	2,440.00	3.82	(299.48)	89,658.19
Cash on Hand	900.00	: -	(=)		900.00
Total Unrestricted Cash	1,253,090.14	417,532.67	4.15	(1,445,679.60)	224,947.36
Restricted Cash					
ARC Grant	63.07	20	亞	120	63.07
Rockhouse Project	10,220.13	10,800.00		(10,238.65)	10,781.48
Regions Bank-KY 2015E Martin County	48,284.41	10,238.65	7.47	-	58,530.53
KIA Bond & Interest	12,572.28	5,800.00	0.17	(5,674.32)	12,698.13
KY Assoc of Counties Leasing Trust	1,473.51	1,200.00	0.03	(236.67)	2,436.87
Depreciation Reserve	1,022.08	286	0.02	æ	1,022.10
Cost of Issuance Fund 2022	45,000.00		(=)	(42,902.00)	2,098.00
Certificate Fund - 2022 Debt Svc	64,233.54		4.77	4	64,238.31
Revenue Fund - 2022	3,283.86	59.99	0.24		3,344.09
Construction Fund - 2022		(30)	59.99	(59.99)	
Total Restricted Cash	186,152.88	28,098.64	72.69	(59,111.63)	155,212.58
Total Cash & Investments	\$ 1,439,243.02	445,631.31	76.84	(1,504,791.23)	\$ 380,159.94

Martin County Water District Billing Summary

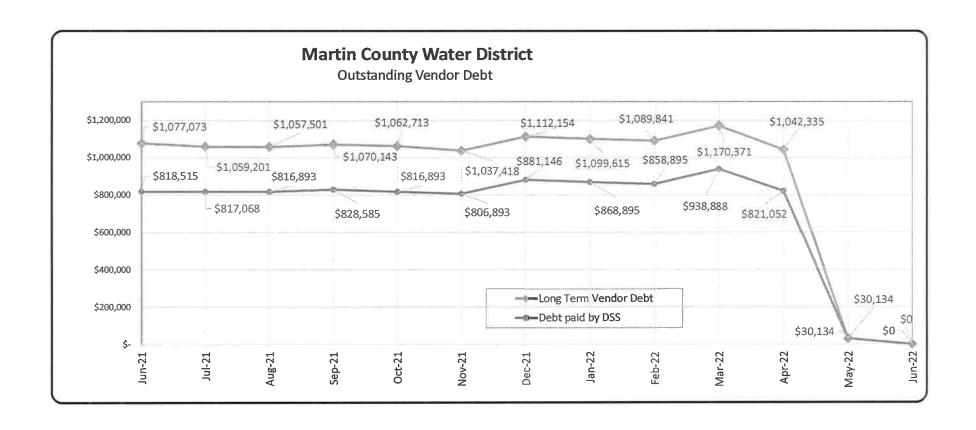
	Bi	lled	Gallons	Billed # of	Payments
Date	Revenue	YTD Total	(000'S)	Customers	Received
May-22	227,120	1,067,765	13,264	3,408	228,491
Δ 00	047.000	040.045	40.470	2.400	000 450
Apr-22	217,383	840,645	12,472	3,400	326,456
Mar-22	217,996	623,262	12,399	3,384	235,719
Feb-22	199,134	405,267	12,437	3,429	229,472
1 00 22	100,101	100,201	12,101	0,120	1 220,172
Jan-22	206,132	206,132	13,531	3,495	214,062
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

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

	was the same			1		A COLUMN							
	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22
REVENUE				i i									
Customer Count	3,579	3,577	3,571	3,561	3,562	3,543	3,530	3,506	3,495	3,429	3,384	3,400	3,408
Payments Received	\$210,056	\$220,666	\$231,387	\$218,646	\$232,135	\$255,238	\$226,606	\$243,733	\$214,062	\$229,472	\$235,719	\$326,456	\$228,491
EXPENSES									MILL V				
Operations Account	\$222,369	\$239,191	\$239,068	\$231,079	\$256,851	\$244,621	\$254,388	\$259,322	\$237,297	\$228,365	\$259,432	\$232,110	\$256,400
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	\$0	\$0	\$0	\$0
MIS EXP / (FUNDING)													
Sub total	\$240,169	\$256,991	\$256,868	\$248,879	\$274,651	\$262,421	\$272,188	\$277,122	\$255,097	\$246,165	\$277,232	\$249,910	\$274,200
NET INCOME					2 1 - 1 - 1 - 1 - 1 - 1 - 1								
Cash Basis	-\$30,113	-\$36,325	-\$25,481	-\$30,233	-\$42,516	-\$7,183	-\$45,582	-\$33,389	-\$41,035	-\$16,693	-\$41,513	\$76,546	-\$45,709

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= \$938,888
- 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 Operations account not reported in the June 2021 column until the September 2021 financials.
- 10: \$10,000 payment made to Xylem from the Operations account not reported in the October 2021 column until the December 2021 financials.
- 11: \$10,000 payment made to Xylem from the Operations account in March 2022.
- 12: \$58,739 payment made to Xylem from the Operations account in May 2022.



Martin County Water District, Inez KY List of Bills for Consideration 28-Jun-22

	Vendor	Description	Amount		
	Operations Account				
1	AEP	Electric (26 bills) Estimated	\$	21,636.09	
2	Big Sandy RECC	Electric (9 bills) Estimated	\$	2,558.85	
3	Paintsville Utilities	Electric for token (03/02/22 to 04/03/22) Estimated	\$	37.73	
4	Martin County Public Library	Rent (July)	\$	796.12	
5	Martin County Water District	Sanitation (May)	\$	141.67	
6	Sales tax	5/2022 (estimated)	\$	1,705.61	
7	School tax	5/2022 (estimated)	\$	6,521.49	
8	Alliance Water Resources	6/1/22-6/15/22 O&M services	\$	86,956.92	
9	Alliance Water Resources	6/16/22-6/30/22 O&M services	\$	84,253.50	
10	Alliance Water Resources	6/22 Suddenlink Reimbursement (estimated)	\$	91.14	
11	Alliance Water Resources	6/22 Suddenlink Reimbursement (estimated)	\$	40.96	
12	Management Inf. Surcharge	Estimated (actual collected will be paid)	\$	15,462.61	
13	Debt Service Surcharge	Estimated (actual collected will be paid)	\$	8,615.81	
14	Walker Communications	Phone maintenance (June)	\$	89.00	
15	Brian Cumbo	Legal Fees	\$	775.00	
16	Kentucky Underground Protection	811 Services (May)	\$	93.00	
17	Wade Stables	Professional Services (Audit 2021)	\$	7,950.00	
18	Citco Water	Panel Replacement	\$	18,254.95	
19	CAP Office	Return of payment (Customer Account Closed)	\$	24.99	
20	Tech2000	Domain Renewal	\$	394.14	
	TOTAL		\$	256,399.58	
	Operations Account - Debt Se	ervice Funding	Tran	sfer 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	
	DSS/MIS Account	(Based on cash availabilty)			
1	Alliance Water Resources	Management/2021 Repair Cap	\$	198,594.00	

Martin County Water District, Inez KY List of Bills for Consideration 28-Jun-22

	<u>Vendor</u>	Description	Amount		
	Security Deposit Account				
	Customer				
1	Ashley Whitt	Deposit refund due to customer	\$	39.51	
2	Kathleen Shoptaw	Deposit refund due to customer	\$	90.01	
	TOTAL		\$	129.52	

WATER RESOURCES® 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

MAY 2022

<u>Administrative</u>

Staff continues to update our online publications, forms, and pertinent information on our website so that citizens and our customers can find relevant information quickly and accurately.

Water Treatment

Construction on the river intake and water plant projects are nearing completion. Besides generators, the project should be complete by the end of July. The monthly project progress meeting will be on June 15th.

Problems continue to exist with the large intake pump. It is currently out of service. The pump faults out after running a few hours and a seal failed allowing water to enter the oil reservoir. Xylem sent an employee in from New York for a site visit. We are still waiting for their analysis of the cause of the problem.

AWR held a meeting with Bell Engineering and Xylem regarding the specifics of building a trailer. They are to supply us with preliminary drawing by the end of June.

The outer launder of clarifier one (The clarifier being refurbished) did not pull together at the seams as projected. There is an inch and a half gap in multiple areas. AWR brought this issue up at the May progress meeting. This rubber gaskets were installed to cover these gaps. This will be brought up again in our June progress meeting.



Distribution:

The county sent two employees out for a day to continue breaking up the boulder on the overflow at the reservoir.

We are waiting for approval of our application with Nayax to obtain service for the card reader at Spicy Mountain. All of the plumbing and electrical work have been completed.

Our distribution crew only has three of its five positions filled. We are currently interviewing candidates. We are also looking to hire a plant operator for the vacancy later this year as an employee retires.

Safety:

May's safety meeting covered arc flash and general electrical safety. It was held on May 3rd,

Training:

Ongoing in-house training



Customer Service:

Staff recently had a customer bring a tray of homemade cookies to the billing office. Customer wanted staff to know that they appreciate all the hard work everyone is doing, and they know improvements are being made.

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	T
Total Grant	\$8,519,718	

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.



Water Plant Operation

Water Pumped – APRIL		
Total Water Production (gallons)	51,788,000	
Total Water Metered/Billed (gallons)	10,072,000	
Other Water Used (gallons)	907,000	
Total Water Loss (gallons)	35,612,000	
Portion of TWL due to Main Breaks (gallons)	15,184,000	
Average Daily Flow (Million Gallons per Day)	1.671 MGD	
Maximum Daily Flow	1.710 MGD	
Fluoride Used (lbs.)	401.1 LBS	
Chlorine Used (lbs.)	1,502 LBS	
Lab Tests	3,821 TESTS	

Water Quality Analysis

Test	Routine	Special	Repeat
Bacteriological 10 (Pass)		0 (Pass)	0
		Reported	Minimum Limit
Fluoride	31	0.77 mg/l Average	0.6 mg/l
Plant Sample			
Chlorine		Low Readings	0.2 mg/l
Distribution Sample	35	Total - 0.62 mg/L	
	35	Free – 0.53mg/L	



Customer Service Request and Work Orders

Meter Reads	3368
Meter Sets	36
Turn offs-Close account	23
Taps	2
Meter Changes	13
Disconnects for Non-payment	29
Boil Notices	0
Line Locates	64
Water Leaks/Breaks	30
Other/Investigates	151

Water Main Breaks & Service Lines

Date	Location	Pipe Size/Type	Estimated Water Loss (gallons)
4/6/22	57 Vineyard Valley	3 in	497,000
4/7/22	174 Rockhouse Rd	1 in	342,000
4/6/11	Riverside Apts	1 in	181,000
4/7/22	98 Beechwood Est	³¼ in	635,000
4/7/22	101 Eden Ln	³⁄4 in	635,000
4/12/22	Blacklog Rd	8 in	3,439,000
4/12/22	2075 Big Elk Rd	³⁄₄ in	1,088,000
4/14/22	80 Fitch Br	3 in	1,189,000
4/18/22	2934 Tug River Rd	³⁄₄ in	363,000
4/19/22	4104 New Rt 3	10 in	362,000



	THE CO.	unity viator i	
4/21/22	5866 Rockcastle Rd	6 in	363,000
4/21/22	31 Carlos Webb Rd	³⁄4 in	994,000
4/25/22	21 Taylors Ct	¾ in	2,268,000
4/25/22	3523 Davella Rd	1 in	475,000
4/26/22	675 W Main St	1 in	2,268,000
4/26/22	4453 Hode Rd	³⁄4 in	85,000



Repair Expenses Ending April 2022

	Actual YTD	Annual Budget	% Budget
Expended			/ Line Item
Bldg. & Grounds Maintenance	\$362	\$7,000	5%
Vehicle Maintenance	\$7,715	\$25,000	31%
Water Plant Maintenance	\$2,737	\$15,000	18%
Distribution System Maintenance	\$59,729	\$90,000	66%
Water Meter Maintenance	\$22,246	\$10,000	222%
Street Maintenance	\$0	\$8,000	0%
Totals	\$92,794	\$155,000	60%

Chemical Expenses Ending April 2022

	Actual YTD	Annual Budget	% Budget
Expended			/ Line Item
Sodium Hydroxide	\$3,865	\$11,000	35%
Lime/Caustic Soda	\$0	\$30,000	0%
Alum (Brennfloc)	\$11,595	\$15,000	77%
Chlorine	\$8,306	\$20,000	42%
Permanganate	\$550	\$19,000	3%
Fluoride	\$1,584	\$7,000	23%
Chemicals Other - Water	\$496	\$8,000	6%
Totals	\$26,396	\$110,000	24%



Notes:

- 1) Building & Grounds Maintenance
 - a. \$0.00
- 2) Vehicle Maintenance
 - a. Middlefork \$\$160.00
 - b. Middlefork \$173.65
 - c. Evan's Hardware \$16.72
 - d. Burke's Body Shop \$2,550.00
 - e. Fast Change \$99.00
 - f. Fast Change \$297.00
- 3) Water Plant Maintenance
 - a. R&J \$19.07
 - b. Evan's Hardware \$164.29
- 4) Well Maintenance
 - a. \$0.00
- 5) Distribution System Maintenance
 - a. Consolidated \$226.92
 - b. R&J \$74.08
 - c. Consolidated \$1,459.07
 - d. Consolidated \$1,459.07
 - e. Consolidated \$189.93
 - f. Evan's Hardware \$440.94
 - g. Evan's Hardware (\$49.81)
 - h. Evan's Hardware (\$391.13)
 - i. Lowe's \$56.58
 - j. Amazon Marketplace \$73.10
 - k. Consolidated \$45.10
 - I. Roy Kirk \$455.00
 - m.Consolidated \$99.59
 - n. Roy Kirk \$310.00
 - o. Lawrence County Sand and Stone \$148.62
 - p. Lawrence Count Sand and Stone \$145.33
 - q. R&J \$275.59
 - r. Roy Kirk \$400.00
 - s. R&J \$94.71
 - t. Consolidated \$280.40
 - u. Odell's Trucking \$900.00
 - v. State Electric \$307.87
 - w. Lowe's \$122.49
 - x. Consolidated \$768.80
- 6) Meter maintenance
 - a. Consolidated \$1,231.72
 - b. Consolidated \$366.46



- c. Consolidated \$663.26
- d. Consolidated \$1,199.10
- e. Consolidated \$372.06
- f. Consolidated \$411.98
- 7) Sodium Bisulfite a. \$0.00
- 8) Sodium Hydroxide a. Citco \$1,199.42
- 9) Lime/Caustic Soda a. \$0.00
- 10) Polymer a. Citco \$1,938.94
- 11) Alum a. \$0.00
- 12) Chlorine a. Citco \$2,408.25
- 13) Permanganate a. \$0.00
- 14) Fluoride a. \$0.00
- 15) Chemicals Other Water a. \$0.00



2022 Regulatory Compliance Report Mark Mahler, Director of Safety & Regulatory Compliance

Alliance tracks new and proposed legislative and regulatory issues on an ongoing basis on behalf of its clients. This quarterly report identifies some of the most impactful issues at the Federal and State levels.

2nd Quarter,

Federal

Revised FMCSA Commercial Driver's License Rule

Effective February 7, 2022, Federal Motor Carrier Safety Administration (FMCSA) requires that all workers applying for commercial driver's license complete training that is laid out in the new rule before attaining a CDL. Alliance is implementing an in-house training program that will meet the new requirements and keep costs to a minimum.

Revised Lead and Copper Rule

Alliance Water Resources has created a program to educate and assist all Alliance Water Resources clients with complying to the EPA Revised Lead & Copper Rule. This program will lay out processes for identifying and replacing actual or potential lines and appurtenances that meet the requirements for replacement. Email mmahler@alliancewater.com if you have any questions or would like a 15–20-minute detailed presentation on this topic.



Regulatory Compliance Report Mark Mahler, Director of Safety & Compliance

2nd Quarter, 2022

Kentucky

2022 Legislative Session

The 2022 Regular Session of the Kentucky General Assembly has ended. A highlight for the 2022 Session was the passage of **HB 758** which sets up a Water/Wastewater Assistance Fund. The Budget Bill, **HB 1**, included appropriations of \$10 million for the water/wastewater assistance fund to assist systems with capital and non-capital financial assistance in managerial, debt, or other assistance. HB 1 also included an additional \$250 million in ARPA funding for drinking water and wastewater infrastructure.

PUBLIC SERVICE COMMISSION

Monthly Water Loss Report

/ater	er Utility: Martin County Water District			
or the	e Month of:	Мау	Year:	2022
NE #	HERMONAL ASSESSMEN	ITEM	GAL	LONS (Omit 000's)
1	WATER PRODUCED	AND PURCHASED		
2	Water Produced			51,788
3	Water Purchased			
4		TOTAL PRODUCED AN	ND PURCHASED	51,788
5	\			
6	WATER SALES			
7	Residential			10,618
8	Commercial			3,264
9	Industrial			
10	Bulk Loading Stations			
11	Wholesale			
12	Public Authorities			3,235
13	Other Sales (explain)			
14		TOTAL	WATER SALES	17,117
15	M			
16	OTHER WATER USE	D		
17	Utility and/or Water Tr	eatment Plant		1,118
18	Wastewater Plant			
19	System Flushing			
20	Fire Department			
21	Other Usage (explain)			
22		TOTAL OTHE	R WATER USED	1,118
23	***			
24	WATER LOSS			
25	Tank Overflows			
26	Line Breaks			
27	Line Leaks			33,553
28	Excavation Damages			
29	Theft			
30	Other Loss			
31		TOTA	AL WATER LOSS	33,553
32 33 34		22 + Line 31 MUST Equal Line	e 4	
35 36	WATER LOSS PERC (Line 31 divided by Lir			64.79%
50	Krine or divided by Lil	ю т <i>)</i>		04.1370



PROGRESS MEETING NO. 8 **MINUTES**

CONTRACT 113-19-02 MARTIN COUNTY WATER DISTRICT

RAW WATER INTAKE AND WATER TREATMENT PLANT REHABILITATION

BIG SANDY AREA DEVELOPMENT DISTRICT

Owner:

Big Sandy Area Development District for

Martin County Water District

Contractor: Pace Contracting, LLC 15415 Shelbyville Road Louisville, KY 40245

Location:

Meeting held at the Collier Community Center Conference Room,

387 Main Street, Inez, KY.

Date:

June 15, 2022

Time:

10:00 a.m.

Α:

Introduction – Attendees Sign In.

For attendees, see attached sign-in sheet.

B:

Contract Amount:

Original Contract Amount:

\$3,473,426.00

Change Order No. 1	(\$14,969.65)
Change Order No. 2	4,194.47
Change Order No. 3 (pending)	332,832.22
Change Order No. 4 (pending)	35,698.76
Change Order No. 5 (pending)	44,750.70
Adjusted Contract Amount:	\$3,875,932.50

C: **Project Schedule:**

Original Contract Time:

Substantial Completion 270 Calendar Days **Final Completion** 300 Calendar Days

Adjusted Contract Time:

Change Order No.3 (pending) Generator 185 calendar day extension Change Order No.4 (pending) 20 calendar day extension Change Order No.5 (pending) 50 calendar day extension **Final Completion** 485 Calendar Days Generator Work Only 485 Calendar Days 340 Calendar Days Substantial Completion

Notice To Proceed October 4, 2021

Original Scheduled Completion Dates:

Substantial Completion July 1, 2022 Final Completion July 31, 2022

Adjusted Completion Dates:

Change Order No.3 (pending)

Final Completion February 1, 2023
Generator Work Only February 1, 2023

Substantial Completion September 9, 2022

Time Elapsed 255 Calendar Days
Time Remaining to Substantial Completion 85 Calendar Days

Percent of Contract Time Elapsed 75 %

D: Payments To Contractor:

Total Cost of Work Completed per Pay Request No. 8
Including Change Orders and Stored Materials \$2,182,216.34

10% Retainage \$218,221.63

Total Earned (Total Cost Less Retainage) \$1,963,994.71

Amount Due Contractor per Pay Request No. 8 \$318,530.25

Percent of Contract Amount Completed thru Pay Request No. 8 56.3 %

E: Progress Since Last Meeting:

See attached progress schedule provided by Pace Contracting:

F: Anticipated Progress During Next 30 Days:

See attached progress schedule provided by Pace Contracting:

G: Shop Drawing Submittals:

Engineer and Contractor agree that shop drawing submittals are up to date. No more submittals are anticipated at this time.

H: Change Order Items:

Discussed and Executed change order No. 5. Change order No. 5 consists of three items previously discussed; Raw Water Electrical Building Roof \$19,862.12 and 10-day time extension, Extend Raw Water Intake Pump Ramp \$24,888.58, and 10-day time extension. Thirty-day time extension due to material and process equipment delivery delays.

I: Project Concerns? Questions?

Contractor expressed concern about change order No. 3 not being fully executed as this material/equipment has been ordered. The owner (Big Sandy Area Development District) reassured everyone that the funding is in process and will be available. The other change orders can be paid once they are executed by the Owner, (Big Sandy Area Development District) as they are from another funding source.

Contractor informed everyone that some delivery dates on equipment and materials are pushed back due to the current supply chain issues.

Contractor asked about the reinstallation of the security fencing at the Raw Water Intake and the possibility of adding a gate across the access road. The Engineer and Contractor to review the security fence location following the meeting. Bell Engineering's Resident Representative to follow-up with the owner following the field review.

Contractor expressed to the Engineer the need for details on the anchor for Intake screen at RWI.

American Electric Power (AEP) will not provide permanent power until the switchgear is on the job site.

J: Contractor Comments:

Contractor inquired about the length of pump power cable from the camlock to trailer.

Engineer and owner had a meeting with Xylem regarding the pump trailer. Expect to hear back from them within a couple weeks.

K: Owner Comments:

Owner expressed concern about the exposed gasket between the joints in the metal trough treatment No 1. Engineer shall review and make recommendation.

L: Agency Comments:

No other comments

M: Other Comments:

Engineer discussed potential fixing of drive 2 to achieve redundancy. Owner was on board to fix the issue depending on funding.

N. Progress Meeting #9 is scheduled for 10:00 a.m., Wednesday, July 20, 2022. Meeting held to be held at the Collier Community Center Conference Room, 387 Main Street, Inez, KY.



15415 Shelbyville Road Louisville, Kentucky 40245 502/815-4142 phone 502/583-6375 fax

Meeting Date: 6-15-22

Martin Cty WTP & Raw Water Intake

May 2022 work completed

- 1) Complete small piping and sump pump in Valve Vault 1
- 2) Pull in 1 inch chemical feed pipe through carrier pipe and structures to Treatment Units
- 3) Complete Treatment Unit 1 steel erection. Plates, troughs, cone, center pier, scraper arms, and radial troughs all are 60% complete this month
- 4) Installed HVAC units at RW Electrical Bldg
- 5) Install aluminum stairs and treads to Treatment Unit 1
- 6) Installed grating in Valve Vault 1

June 2022 work scheduled

- 1) Patch and paint Treatment Unit 1, 2 and 3 outer walls
- 2) Paint piping in Valve Vault 1
- 3) Install handrail for stairs to Treatment Unit 1
- 4) Continue electrical work as available
- 5) Install metal roof on RW Electrical Bldg
- 6) Install RW HDPE pump suction and discharge lines
- 7) Complete 12 inch pipe in RW Valve vault if two fittings we are waiting on arrive
- 8) Install chemical feed pump
- 9) Finish site work at RW Intake

Projected Major Equipment Delivery Dates given to us by suppliers

Tube Settlers for Treatment Unit 1 Tube Settlers for Treatment Unit 3 Remaining Major Electrical Gear Westech Underdrains Filter Media Control Panels week of 6-13-22 week of 6-20-22

7-8-22

was 5-23-22 - now still waiting on SST supplier

Fabtech has in stock at their yard

IOC-TU1 missing 2 each IO modules to complete

NEW IDENTIFIED PROJECTS

PROJECT NAME	PROJEC	TED PROBABLE COST
40E Water Line Replacement	\$	760,000.00
Turkey Water Line Replacement	\$	6,822,000.00
Coldwater Line Replacement	\$	8,419,000.00
Old Route 3 Line Replacement	\$	5,066,000.00
Turkey Storage Tank Replacement	\$	681,000.00
Total	\$	21,748,000.00



o e	Hopkinsville, ky 270,886,5466 As heville, NC 828,774,5499	Project: 4	VATER IMPROVEN 0 E UNE 2022 RD	IENT PROJECT -	Client: M Contract No.: Checked By: St		No Design Completed☐ Preliminary☐ Final Design
	SPELLING	SHEET:		OF:			Drawing No.:
ITEM			QUAI	YTITY	PRIC	E	TOTAL COCT
NO.	ITEM DESCRIPTION		NO.	UNIT	PER UNIT	TOTAL	TOTAL COST
CONSTR	RUCTION	0. 0.0					A THE WHAT SY
- 1	5/8-INCH X 3/4" METER SETTING		50	EA	\$1,550	\$77,500	\$77,50
2	3/4-INCH POLYETHYLENE SERVICE PIPE		2460	LF	\$25	\$61,500	\$61,50
3	1-INCH POLYETHYLENE PIPE		615	LF	\$27	\$16,605	\$16,60
6	1-INCH CORPORATION STOP		3	EA	\$370	\$1,110	\$1,11
7	FIBERGLASS LINE MARKER		10	EA	\$120	\$1,200	\$1,20
8	CRUSHED STONE ON TRENCH SURFACE		200	TON	\$50	\$10,000	\$10,00
9	2-INCH THICKNESS BITUMINOUS SURFACE REPLA	ACEMENT	850	LF	\$70	\$59,500	\$59,50
10	CUT & CAP EXISTING 6-INCH WATERLINE		2	EA	\$4,500	\$9,000	\$9,00
11	CRUSHED ROCK FOR TRENCH STABILIZATION		20	TON	\$52	\$1,040	\$1,04
12	HUNT & SEARCH FOR CONNECTIONS		1	LS	\$25,000	\$25,000	\$25,00
13	BLOW OFF ASSEMBLY		1	EA	\$5,400	\$5,400	\$5,40
14	MISCELLANEOUS PIPING MODIFICATIONS		1	LS	\$75,000	\$75,000	\$75,00
15	FLUSHING HYDRANT ASSEMBLY		8	EA	\$7,500	\$60,000	\$60,00
16	10-INCH MJ VALVE		8	EA	\$5,000	\$40,000	\$40,00
			TC	TAL OPINION OF	PROBABLE CONSTI	RUCTION COST	\$442,88
ROJEC	CT COST						
	ADMINISTRATIVE EXPENSES						\$15,00
	LEGAL EXPENSES						
	LAND, APPRAISALS, EASEMENTS						\$5,0
	RELOCATION EXPENSE & PAYMENTS						
	PLANNING						\$81,0
	ENGINEERING FEES - DESIGN						\$33,0
	ENGINEERING FEES - BIDDING						\$5,0
	ENGINEERING FEES - CONSTRUCTION ADMINIST	RATION					\$10,0
	ENGINEERING FEES - INSPECTION						\$34,5
	CONSTRUCTION						\$443,0
	EQUIPMENT						
							\$111,0
	EQUIPMENT						
	EQUIPMENT CONTINGENCIES						\$111,00 \$22,50



Project: WATER IMPROVEMENT PROJECT - WTP TO TURKEY TANK

Client: MCWD

No Design Completed

Date: JUNE 2022

Contract No.:

Preliminary

engineering		Est. By: JR	D		Checked By: Si	HC	Final Design	
	SPELLING		SHEET: OF:				Drawing No.:	
ITEM	ITEM DESCRIPTION		QUAN	TITY	PRIC	E	TOTAL COST	
NO.	TIEM DESCRIPTION		NO.	UNIT	PER UNIT	TOTAL	TOTAL COST	
ONSTR	UCTION							
1	12-INCH C-900 WATERLINE		11200	LF	\$330	\$3,696,000	\$3,696,000	
2	12-INCH VALVE		15	EA	\$7,500	\$112,500	\$112,500	
3	5/8-INCH X 3/4" METER SETTING		33	EA	\$1,550	\$51,150	\$51,150	
4	3/4-INCH POLYETHYLENE SERVICE PIPE		1980	LF	\$25	\$49,500	\$49,500	
5	1-INCH POLYETHYLENE PIPE		495	LF	\$27	\$13,365	\$13,365	
6	1-INCH CORPORATION STOP		3	EA	\$370	\$1,110	\$1,110	
7	FIBERGLASS LINE MARKER		15	EA	\$120	\$1,800	\$1,800	
8	CRUSHED STONE ON TRENCH SURFACE		1260	TON	\$50	\$63,000	\$63,000	
9	2-INCH THICKNESS BITUMINOUS SURFACE REPLACE	CEMENT	2500	EA	\$70	\$175,000	\$175,000	
10	CUT & TIE INTO EXISTING 12-INCH WATERLINE		2	EA	\$15,000	\$30,000	\$30,000	
11	CRUSHED ROCK FOR TRENCH STABILIZATION		40	TON	\$52	\$2,080	\$2,080	
12	BORE & CASE FOR 12-INCH WATERLINE		420	LF	\$500	\$210,000	\$210,000	
13	MISCELLANEOUS PIPING MODIFICATIONS		1	LS	\$225,000	\$225,000	\$225,000	
14	BLOW OFF ASSEMBLY		6	EA	\$5,400	\$32,400	\$32,400	
15	FLUSHING HYDRANT ASSEMBLY		12	EA	\$7,500	\$90,000	\$90,000	
16	MASTER METER VAULT - LARGE		1	EA	\$75,000	\$75,000	\$75,000	
		Leve to the	TO	TAL OPINION OF	PROBABLE CONST	RUCTION COST	\$4,827,905	
ROJEC	TCOST							
KOJEC	ADMINISTRATIVE EXPENSES						\$90,000	
	LEGAL EXPENSES						\$15,000	
	I AND APPRAISALS FASEMENTS						\$20,000	

PROJECT COST	
ADMINISTRATIVE EXPENSES	\$90,000
LEGAL EXPENSES	\$15,00
LAND, APPRAISALS, EASEMENTS	\$20,000
RELOCATION EXPENSE & PAYMENTS	\$1
PLANNING	\$114,500
ENGINEERING FEES - DESIGN	\$230,000
ENGINEERING FEES - BIDDING	\$33,000
ENGINEERING FEES - CONSTRUCTION ADMINISTRATION	\$66,000
ENGINEERING FEES - INSPECTION	\$171,000
CONSTRUCTION	\$4,828,000
EQUIPMENT	\$
CONTINGENCIES	\$1,207,000
ENGINEERING FEES - OTHER	\$47,50
OTHER ITEMS	\$
TOTAL OPINION OF PROBABLE PROJECT COST	\$6,822,000



Project: WATER IMPROVEMENT PROJECT - COLDWATER

No Design Completed

	RSHEVIIIE NLIBZB.774.5493	Date: JU	NE 2022		Contract No.:			
engi	neening	Est. By: JRD			Checked By: SHC			
	SPELLING	SHEET:		OF			Drawing No.:	
ITEM	TELL DESCRIPTION	CONTRACT DE	QUAI	NTITY	PRIC	E	TOTAL COST	
NO.	ITEM DESCRIPTION		NO.	UNIT	PER UNIT	TOTAL	TOTAL COST	
DNST	RUCTION							
1	12-INCH C-900 WATERLINE		1600	LF	\$330	\$528,000	\$528,00	
2	8-INCH C-900 WATERLINE		4700	LF	\$120	\$564,000	\$564,00	
3	6-INCH C-900 WATERLINE		600	LF	\$90	\$54,000	\$54,00	
4	4-INCH C-900 WATERLINE		19000	LF	\$75	\$1,425,000	\$1,425,0	
5	3-INCH WATERLINE		13700	LF	\$60	\$822,000	\$822,0	
6	12-INCH VALVE		3	EA	\$7,500	\$22,500	\$22,5	
7	8-INCH VALVE		8	EA	\$5,000	\$40,000	\$40,0	
8	6-INCH GATE VALVE		2	EA	\$3,000	\$6,000	\$6,0	
9	4-INCH VALVE		19	EA	\$2,500	\$47,500	\$47,5	
10	3-INCH VALVE		15	EA	\$2,000	\$30,000	\$30,0	
11	5/8-INCH X 3/4" METER SETTING		240	EA	\$1,550	\$372,000	\$372,0	
12	3/4-INCH POLYETHYLENE SERVICE PIPE		14400	LF	\$25	\$360,000	\$360,0	
13	1-INCH POLYETHYLENE PIPE		3600	LF	\$27	\$97,200	\$97,2	
14	1-INCH CORPORATION STOP		16	EA	\$370	\$5,920	\$5,9	
15	FIBERGLASS LINE MARKER		75	EA	\$120	\$9,000	\$9.0	
16	CRUSHED STONE ON TRENCH SURFACE		600	TON	\$50	\$30,000	\$30,0	
17	2-INCH THICKNESS BITUMINOUS SURFACE REPL	ACEMENT	5500	EA	\$70	\$385,000	\$385.0	
18	CUT & TIE INTO EXISTING WATERLINE	TO E MILITA	5	EA	\$10,000	\$50,000	\$50.0	
19	CRUSHED ROCK FOR TRENCH STABILIZATION		40	TON	\$52	\$2,080	\$2,0	
20	BORE & CASE FOR 12-INCH WATERLINE		80	LF	\$500	\$40,000	\$40.0	
21	BORE & CASE FOR 8-INCH WATERLINE		120	LF	\$400	\$48,000	\$48.0	
22	BORE & CASE FOR 4-INCH WATERLINE		580	LF	\$300	\$174,000	\$174,0	
23	BORE & CASE FOR 3-INCH WATERLINE		460	LF	\$290	\$133,400	\$133,4	
24	MISCELLANEOUS PIPING MODIFICATIONS		1	LS	\$250,000	\$250,000	\$250.0	
			12	EA	\$5,400	\$64,800	\$64,8	
25	BLOW OFF ASSEMBLY FLUSHING HYDRANT ASSEMBLY		40	EA	\$7,500	\$300,000	\$300,0	
26			40	EA	\$25,000	\$100,000	\$100,0	
27	MASTER METER VAULT - SMALL MASTER METER VAULT - LARGE		1	EA	\$75,000	\$75,000	\$75,0	
28	MASTER METER VAULT - LARGE				PROBABLE CONST			
				TAL OFINION OF	PROBABLE CONST	NOCTION COST	40,000,4	
KOJE	CT COST ADMINISTRATIVE EXPENSES						\$50.0	
	LEGAL EXPENSES						\$30,0	
	LAND, APPRAISALS, EASEMENTS						\$25,0	
	RELOCATION EXPENSE & PAYMENTS							
	PLANNING						\$119,5	
	ENGINEERING FEES - DESIGN						\$281,0	
	ENGINEERING FEES - BIDDING						\$41,0	
	ENGINEERING FEES - CONSTRUCTION ADMINIST	RATION					\$81,0	
	ENGINEERING FEES - INSPECTION						\$201,5	
	CONSTRUCTION						\$6,036,0	
	EQUIPMENT							
	CONTINGENCIES						\$1,509,0	
	ENGINEERING FEES - OTHER						\$45,0	
	OTHER ITEMS						1.7019	
	To			TOTAL OPIN	ION OF PROBABLE	PROJECT COST	\$8,419,0	



Lexington, KY | 859.278.5412 Hapkinsville, KY | 270,886,5466 Asheville, NC | 828,774,5499

OPINION OF PROBABLE PROJECT COST

WATER IMPROVEMENT PROJECT -Project: OLD ROUTE 3

Client: MCWD

No Design Completed

Date: JUNE 2022

Contract No.:

] Preliminary Final Design

Est, By: JRD Checked By: SHC OF: Drawing No,: SPELLING SHEET: QUANTITY ITEM TOTAL COST ITEM DESCRIPTION TOTAL PER UNIT NO. NO. UNIT CONSTRUCTION \$1,395,000 \$1,395,000 6-INCH C900 WATERLINE \$90 15500 \$225,000 \$225,000 4-INCH WATERLINE 3000 LF \$75 3-INCH WATERLINE 6000 LF \$60 \$360,000 \$360,000 3 6-INCH MJ RESILIENT SEATED GATE VALVE 28 EΑ \$3,000 \$84,000 \$84,000 4-INCH MJ RESILIENT SEATED GATE VALVE 10 EΑ \$2,500 \$25,000 \$25,000 EΑ \$2,000 \$28,000 \$28,000 6 3-INCH MJ RESILIENT SEATED GATE VALVE 14 5/8-INCH X 3/4" METER SETTING 110 EΑ \$1,550 \$170,500 \$170,500 7 3/4-INCH POLYETHYLENE SERVICE PIPE LF \$25 \$165,000 \$165,000 8 \$44,550 \$44,550 1-INCH POLYETHYLENE PIPE \$27 LF 1650 9 \$2,960 \$2,960 1-INCH CORPORATION STOP EΑ \$370 10 8 \$6,000 11 FIBERGLASS LINE MARKER 50 EΑ \$120 \$6,000 CRUSHED STONE ON TRENCH SURFACE 12 500 TON \$50 \$25,000 \$25,000 2-INCH THICKNESS BITUMINOUS SURFACE REPLACEMENT \$140,000 2000 EA \$70 \$140,000 13 CUT & TIE INTO EXISTING 6-INCH WATERLINE EΑ \$4,100 \$8.200 \$8,200 14 CRUSHED ROCK FOR TRENCH STABILIZATION 20 TON \$52 \$1,040 \$1,040 15 BORE & CASE FOR 6-INCH WATERLINE 400 \$315 \$126,000 \$126,000 16 LF \$300 \$54,000 \$54,000 17 BORE & CASE FOR 4-INCH WATERLINE 180 BORE & CASE FOR 3-INCH WATERLINE 240 LF \$290 \$69,600 \$69,600 18 MISCELLANEOUS PIPING MODIFICATIONS LS \$250,000 \$250,000 \$250,000 1 19 \$300,000 LS \$300,000 \$300,000 HYDROPNEUMATIC BOOSTER STATION 20 \$5,400 \$5,400 EΑ \$5,400 21 BLOW OFF ASSEMBLY FLUSHING HYDRANT ASSEMBLY \$52,500 \$52,500 FA \$7.500 22 \$25,000 MASTER METER VAULT FA \$25,000 \$25.000

23	INACTER WETER VACET	l	LA	ΨΕ0,000	420,000	420,000
			TOTAL OPINION OF	PROBABLE CONSTR	RUCTION COST	\$3,562,750
PROJE	ECT COST		. A [] [- V			
	ADMINISTRATIVE EXPENSES					\$50,000
	LEGAL EXPENSES					\$0
	LAND, APPRAISALS, EASEMENTS					\$20,000
	RELOCATION EXPENSE & PAYMENTS					\$0
	PLANNING					\$107,000
	ENGINEERING FEES - DESIGN					\$176,000
	ENGINEERING FEES - BIDDING					\$26,000
	ENGINEERING FEES - CONSTRUCTION ADMINISTRATION					\$51,000
	ENGINEERING FEES - INSPECTION					\$137,000
	CONSTRUCTION					\$3,563,000
	EQUIPMENT					\$0
	CONTINGENCIES					\$891,000
	ENGINEERING FEES - OTHER					\$45,000
	OTHER ITEMS		201201111 100001111			\$0
		I WE'T LITTLE IN	TOTAL OPINIO	ON OF PROBABLE P	ROJECT COST	\$5,066,000



Project: RECOAT/REPAIR 50,000 GALLON TURKEY WATER STORAGE TANK

Client: MCWD Date: JUNE 2022

Contract No.:

2 No Design Completed Preliminary

Est. By: TAJ

Checked By: SHC

Final Design

)		Checked By: S	HC	
		SHEET: OF:				Drawing No.:	
ITEM	ITEM DESCRIPTION	OHILL THE PARTY OF	QUANTITY		PRICE		TOTAL COST
NO.	HEW DESCRIPTION	Contract to	NO.	UNIT	PER UNIT	TOTAL	101112 0001
CONST	RUCTION						
1	INTERIOR TANK COATING		2430	SF	\$11	\$26,730	\$26,730
2	EXTERIOR TANK COATING		2152	SF	\$15	\$32,280	\$32,28
3	SEAM SEALER		10	LB	\$125	\$1,250	\$1,25
4	CAULKING		5	CASES	\$400	\$2,000	\$2,000
5	REPAIRS		25	HOURS	\$125	\$3,125	\$3,12
6	STEEL PLATES		25	EA	\$150	\$3,750	\$3,750
7	FILL PITS		50	EA	\$60	\$3,000	\$3,000
8	ABRAISIVE DISPOSAL		1	LS	\$8,000	\$8,000	\$8,00
9	REPLACE VENT		1	LS -	\$7,000	\$7,000	\$7,00
10	REPLACE INTERIOR LADDER		1	LS	\$15,000	\$15,000	\$15,00
11	NEW SAFETY CLIMBS		1	LS	\$8,000	\$8,000	\$8,00
12	REPAIR TANK LEVEL INDICATOR		1	LS	\$2,000	\$2,000	\$2,00
13	INSTALL LEVEL SENSOR		1	LS	\$30,000	\$30,000	\$30,00
14	POINT REPAIR CONCRETE		1	LS	\$2,000	\$2,000	\$2,00
15	CONSTRUCT DRAINAGE DITCH		1	LS	\$20,000	\$20,000	\$20,00
16	FENCE		400	LF	\$90	\$36,000	\$36,00
17	TELEMETRY		1	LS	\$50,000	\$50,000	\$50,00
18	NEW VAULT		1	LS	\$45,000	\$45,000	\$45,00
19	NEW MIXING SYSTEM		1	LS	\$75,000	\$75,000	\$75,00
20	MISCELLANEOUS PIPING & VALVING		1	LS	\$25,000	\$25,000	\$25,00
		1 1 2 11 11 11	Ţ	OTAL OPINION OF	PROBABLE CONST	RUCTION COST	\$395,13
PROJE	CTCOST	Carte da Villa	- N -				
	ADMINISTRATIVE EXPENSES						\$20,00
	LEGAL EXPENSES						\$
	LAND, APPRAISALS, EASEMENTS						\$1
	DEL CONTION EVERNOE & DAVIDENTO						di di

ROJECT COST	600.00
ADMINISTRATIVE EXPENSES	\$20,000
LEGAL EXPENSES	\$0
LAND, APPRAISALS, EASEMENTS	\$0
RELOCATION EXPENSE & PAYMENTS	\$0
PLANNING	\$59,000
ENGINEERING FEES - DESIGN	\$30,000
ENGINEERING FEES - BIDDING	\$6,000
ENGINEERING FEES - CONSTRUCTION ADMINISTRATION	\$9,000
ENGINEERING FEES - INSPECTION	\$32,000
CONSTRUCTION	\$396,000
EQUIPMENT	\$0
CONTINGENCIES	\$99,000
ENGINEERING FEES - OTHER	\$30,000
OTHER ITEMS	\$1
TOTAL OPINION OF PROBABLE PROJECT COST	\$681,000

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Rule #3. Application, Supply and Taking of Service

- A. Applicant shall be responsible for requesting service from the District and in doing so requests and becomes a customer. Before the District begins rendering water service, the applicant/customer shall supply such necessary information as required by the District including but not limited to customer(s) name(s), driver's license number(s) or other government issued identification number(s), address, telephone number, requested date for start of service, and signed Water Service Contract. Any customer who has taken service from the District without requesting such service from the District shall be considered to have expressed consent to the District's rules and regulations and shall be responsible for any and all appropriate water charges/payments as specified in the District's rules and regulations beginning on the first day of taking such service. The District reserves the right to make reasonable estimation of service usage if an exact determination cannot be made.
- B. Applicants and customers for water service shall conform to all rules and regulations as approved and as those rules and regulations may be modified, revised or amended from time to time.
- C. Commercial applicants and customers shall, upon request, present in writing a list of water devices which are or are proposed to be attached to the water lines servicing the building and/or property, giving location, types, size of devices and estimated daily water flow. The District will then advise of any improvements that must be constructed or any special conditions of use that must be followed by that commercial applicant or customer. The District reserves the right to advise and require any special backflow prevention, sewer waste discharge conditions, prohibitions, restrictions up to and including any special pretreatment requirements or facilities before accepting sewer waste discharges.
- D. No substantial increases or additions to water and/or sewer use, water use equipment or appliances may be connected to the District water and/or sewer system by Commercial Customers except upon written notice to the District and with the written consent of the District.
- E. All applicants and customers are required to pay security deposits prior to the initiation of service. Failure to pay security deposits may result in refusal or termination of service.
- The District reserves the right to reject any applicant and/or customer request for service that does not comply with any District rule and regulation. Rejection may include, but not be limited to, refusal and disconnection of water and/or sewer service, in which the District may notify any appropriate local authorities if the District deems a public health detriment exists, could exist or will exist.

Date Approved: 6/28/2022 Date Effective: 06/28/2022

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Rule #4. Connection Fees and Procedures

Section 1. General, Water

- A. All new connections to the District's water system shall be subject to payment of a connection fee(s) for the right to connect to the District's water and/or sewer system. The connection fee includes the right to connect to the District's water plus includes the District's installation and material cost to make said water and/or sewer connection.
- B. Connection fees to the District's water system shall be due and payable prior to any connection. Connection fees are available to be put on a payment plan up to 12 months. Connection fees are subject to change.
- C. No water service line shall be connected to any line owned by the District or any private line that may be connected to the District's system until all connection fees are paid or payment arrangements have been establish. If any such lines are connected, the District may disconnect any such line, lateral or pump system and charge the owner, developer, contractor, plumber or any other person, persons or parties, jointly or severally liable, all costs incurred for the disconnection, including but not limited to, attorney fees, court costs and interest earnings from the date of connection.
- D. Unless otherwise agreed to in writing, the District shall install and construct or cause to install and construct all new water connections, including but not limited to tapping the water main, installing the corporation stop, connecting the water service line between the water main and the water meter setter, installing the water meter pit and installing other appurtenances related to the new water connection between the water main and the water meter. All water and/or sewer connections, as well as the materials and workmanship used in those connections shall be subject to inspection and approval of the District prior to the initiation of service. Connections, materials and/or workmanship not meeting inspection approval shall be corrected so as to meet the inspection approval prior to the initiation of service or those connections are subject to disconnection. Furthermore, the District will not be required to provide water and/or sewer service until connections to District's water and/or sewer system is approved by the District. Whereas, in the interest of the district and developers, a special arrangement providing a lower cost for water meter installations may be mutually beneficial, the following applies:
 - 1. Special arrangements for the cost of water meters are only applicable to developers that have privately funded the installation of water mains the District has formally accepted the construction thereof as their own, and there are two or more lots within the development.
 - 2. The installer of the water meter set shall be approved by the District Manager.
 - 3. The materials installed by the pre-approved Developer and/or approved contractor shall comply with the standard materials of all water meter set installations within the District and be the materials designated by the District Manager.
 - 4. The District shall furnish and install the actual meter itself in the water meter pit and inspect all plumbing for the meter set and connection to the water main prior to turning on the water meter for service.
 - 5. The District shall charge the actual cost of the meter which shall be paid prior to activation and installation of the meter.
 - 6. All other provisions of the water user's agreement are applicable and remain in full force.

Approved	Date Approved:	6/28/2022 Date Effective:	06/28/2022

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Rule #4. Connection Fees and Procedures Section 1. General, Water (continued)

- E. Locations of connections to the District's system will generally be given and directed by the District. Any deviation to prescribed location will need prior approval by the District. Connections, service lines, etc. will not be extended along public streets or roadways or through property of others to the point of connection without the written prior approval of the District. Connections to the District's system that must be excavated for inspection shall have that excavation performed at the customer's expense.
- F. The District may construct water system improvements to serve a particular area as may be described by the District from time to time. The water system improvements shall connect with public, or other District water system. The Board may cause the water system improvements to be constructed in each area whenever the Board shall deem the water system improvements necessary to thereby promote public health and sanitation, make available conveniences not otherwise possible, and for the general public welfare.

After the District has entered into a contract for construction of the water system improvements, the District's engineer shall compute the whole cost thereof and shall apportion the same against the lots or tracts of ground in the area to be served by the water system improvements, exclusive of the public highways, and the District engineer shall report the same to the Board of Directors of the District, and the Board shall therefore levy a surcharge against each lot or piece of ground within the area to be served by the water system improvements as they connect to the same.

Approved ______ Date Approved: 6/28/2022 Date Effective: 06/28/2022

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Rule #4. Connection Fees and Procedures
Section 2. Water Connection Fees and Procedures

- A. Connection/inspection fees for the right to connect to the District's water system are set on the applicable tariffs in Appendix A for all meter sizes.
- **B.** All connection fees above shall be paid at least 5 business days prior to the scheduling of a connection or request for inspection of connection.
- C. A minimum of 48 hours is required for the scheduling of a connection or request for inspection of connection. Any persons or firms excavating in City, County or State right-of-ways must have the proper permits from that particular entity prior to any excavations and may be required to produce proof upon demand.
- D. All water connections up to and including 1 inch in size shall be performed by the District or caused to be performed by the District. The District shall provide the appropriately sized and type of water meter, the saddle (up to 10 inch diameter in size), the appropriate corporation fitting, the service line between the main and the setter, the meter pit, lid and frame, a minimum of 2 feet of service line extending from the water meter for the customer to connect onto and the labor and equipment to tap and connect the service line to the water main. The installation of the customer service line from the 2 foot stub out to the point of use shall be at the customer's sole expense. All materials and the alignments of the service lines must meet the District's requirements as those requirements may be amended from time to time.
- E. Water connections over 2 inches in size shall be made only with the District's prior approval and at the sole expense of the customer, developer, builder, plumber. Connections over 2 inches in size require the customer's/developer's/builder's plumber to pay District in advance, moneys required to purchase the specified water meter. The required saddle, the required corporation fitting, and the labor and equipment to tap and connect the service line to the water main is to be paid by the customer, developer, builder or plumber. Connections over 2 inch in size generally require additional time and coordination of work and require 30 days advance notice.
- F. Water connection fees include the right to connect, the installation of water meters up to 2 inch in size, and any applicable inspections by the District. Water connections and service lines shall be installed in accordance with the procedures, specifications and standards established by the District from time to time and on file with the Clerk. These procedures, specifications and standards will be provided upon request.
- **G.** Connections to the District's sewer systems shall be made at the sole cost of the customer, builder, developer, or property owner including all labor, material, and supplies.

Approved	C	_ Date Approved:	6/28/2022 Date Effective:	06/28/2022	

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Rule #6. Water Rates and Charges

- A. A charge for water service to customers of the District shall be made based on water meter readings and computed at the rates herein set on the applicable tariffs in Appendix A, whether single metered or master metered. The District, through its authorized employees and agents, may read water meters monthly, and statements (bills) shall be rendered accordingly.
- **B.** Failure to receive a bill and/or (delinquent) notice of non-payment or payment not received shall not excuse the customer from their obligation to pay for water service when a bill is submitted.
- C. Whenever, for any cause, a water meter fails to operate correctly, or for some reason the District is unable to read the water meter, the District shall make a reasonable estimate of the amount of water supplied by the District during the specified period and the customer shall be liable for payment based on the estimate of water supplied.
- D. Water meters will be owned and maintained by the District. Meters will be kept in proper operating condition by the District. Water meters or other components of the water meter installation damaged or destroyed through tampering or abuse will be repaired or replaced at the customer's expense. The District, at its discretion, may consider a one-time waiver of fees to repair accidental damages to meters and meter sets. Meters that fail or are replaced due to routine use and wear will be repaired or replaced at the District's expense.
- E. Meter tests will be performed from time to time to determine accuracy and meters may be replaced from time to time to ensure accuracy. Meter tests will be performed as deemed necessary by the District at no charge to the customer. Meter tests requested by the customer that are deemed unnecessary in advance by the District will result in a \$53.00 testing charge to the customer, unless the meter registers outside of the 98 to 102 percent accuracy level in which no charge will incur.
- F. From time to time, and in amounts determined by the Federal, State and Local Authorities, the District will bill and collect for primacy fees, taxes, user fees, laboratory fees and after doing so, will pass those fees onto those appropriate State or Local Authorities.
- G. Each customer, user, or owner of the premises connected to the District's water system shall pay for water drawn from the system each month according to readings of the water meters (or estimates thereof) for each particular connection for all bills issued as set on the applicable tariffs in Appendix A.
- H. Each customer, user, or owner of the premises connected to the water system shall pay for water drawn from the system each month according to readings of the water meters (or estimates thereof) for each particular connection for all bills issued as set on the applicable tariffs in Appendix A.

Approved	Date Approved: 6/28/2022 Date Effective:	06/28/2022	

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Rule #6. Water Rates and Charges (continued)

- In the customer must request a leak adjustment in writing to the utility. The customer's bill will be based on two components. The first step will be to calculate the customer's average monthly usage over a twelve (12) month period. The second step will be to deduct the customer's average monthly usage (as calculated in the above) from the total amount of water that passed through the meter. The usage calculation step one will be billed at the utility's regular rates, while the remaining usage will be charged at the per thousand gallon leak adjustment rate, as set forth in the rates and charges portion of the utility's approved tariff. All water passing through the meter must be accounted and paid for by the customer. So the customer will owe the amount of his/her average bill plus the per thousand gallon leak adjustment rate for the remainder of the water that passed through the meter. If meter readings are not available for an entire twelve (12) month period, the water will be estimated by the utility, subject to an upward or downward adjustment once a twelve (12) month average of actual readings can be calculated. A customers will be allowed a one (1) leak adjustment in a rolling twelve(12) month period subject to the following conditions.
 - 1. Board of Director Approval
 - 2. Proof of repair to service line (Receipts, photos, and/or inspection by DISTRICT staff)
 - 3. Repairs are made according to DISTRICT policy. (Underground service line repairs should be CTS or IPS, rated for no less than 160 PSI. The use of radiator clamps, king nipples, galvanized fittings, or the equivalent will not be accepted.)
 - 4. The following months usage has shown significant decrease consistent with a repaired leak
 - 5. Each adjustment may cover a maximum of two (2) billing periods.
- J. Flush or fire hydrant use must be authorized in advance. Flush or fire hydrant users pay the minimum water bill and all water usage. Flush or fire hydrant use is granted in the District's sole discretion. Special conditions such as location, flow rates, permits and times of use may apply and must be followed to avoid penalties. See Rule 11 for additional information, policies and procedures.
- K. Customers who request initiation of service within 10 days of the start of the monthly billing period will not be billed a minimum charge for that first month; any and all usage during the first month will be billed in the next month's billing period. Customers who request disconnection of service for a portion of the regular may receive a prorated bill for that portion of the billing period service is received.

Approved	Date Approved: 6/28/2022 Date Effective: 06/28/2022