BOARD OF WATER COMMISSIONERS REGULAR MEETING OF OCTOBER 26, 2023

REGULAR MEETING: The regular meeting of the Board of Water Commissioners was held at the 438

Granby Road on Thursday, October 26, 2023. Chair Eden DuPerier called the

meeting to order at 5:09 p.m.

ATTENDANCE: Chair Eden DuPerier

Clerk R. Scott Williams
Associate Member William L. Schenker

Superintendent Jeffrey Cyr

Office Manager Jennifer Fernandes
Foreman Jeffrey Levreault
Resident Pauline McClaflin
Resident Brian McClaflin
Resident Al Zuffoletti

2 Gentlemen Residents

APPROVAL OF MINUTES: William L. Schenker made a motion to approve the minutes of September 20,

2023. This motion was seconded by Scott Williams.

Motion Carried.

BARTHOLEMEW MEETING DATES:

Jeff Cyr stated Bartholemew & Company manages the Districts Stabilization and OPEB funds. Jeff reached out to them for tentative dates to come out and talk to the Water Board about the Water Department investments in detail. November 15th at 5:00 p.m. works for all Board members. Jeff will contact Bartholemew

about this date.

OFFICE ROOF UPDATE:

Jeff Cyr notified the Board that the plan and specs for the new office roof were available yesterday, the bid opening will be on November 8th at 2:00 p.m., and the Board can award the bid winner at the November 15th meeting. Jeff noted that one company has inquired so far. The advertisement is on the Mass. State Central Register and in the two local newspapers. Jeff stated that the budget is \$35,000 because we need to pay prevailing wage and the bid packet is so large because the bid has to include all the information on the prevailing wage, which is about 30 pages. Eden DuPerier asked how old the roof is and Jeff replied it is original to the building in 1988.

PFAS SETTLEMENT DISCUSSION:

Jeff Cyr informed the Board that PFAS (polyfluoroalkyl substances) settlement has been in the news lately. PFAS are chemicals found in many different consumer and industrial products like Teflon coating, firefighting foam, and scotch guard. Studies have shown that exposure to some PFAS in the environment may be linked to harmful health effects in humans and animals. The MWRA Advisory Board sent out an advisory letter to all water communities (See Note 1) stating there is a pending settlement with DuPont & 3M related to PFAS in drinking water. Luckily, we are not affected as there are no traces of PFAS in the drinking water and it is a very expensive process to treat for it.

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The MWRA Advisory Board recommended reaching out to legal counsel to review the proposed settlements and to draft a letter if we are going to opt out of the settlement. Attorney Mark Beauregard has drafted a letter on our behalf to opt out of the settlement (See Note 2).

RATES/REVENUE DISCUSSION:

Jeff Cyr sent information to the Board prior to tonight's meeting to show what our future Capital needs are versus where things are (See Note 3). Jeff showed an overhead presentation, in addition to handouts for everyone showing our commitment of \$1,986,052.00 and what we have billed so far. Jeff noted that the second quarter we just billed (Oct) is quite a bit lower than in previous years. So far, we have billed 57% of our budget. Jeff noted that the purpose of tonight's discussion is to talk about rates for our Capital needs based on what Jeff had laid out at the last meeting. We are looking at 3 million to paint the water tanks, continue our charge on replacing water mains, replace aging vehicles and equipment, as well as the increasing costs of materials. Jeff noted that we have not raised our rates in quite some time (6 ½ years; March 2017). Jeff showed a chart of how our water rates have evolved and increased (See Notes 4). Since our last rate increase and leftover money from the Newton Street water main project, the Water Department has done a lot of good work in water main, meter replacement and SCADA improvements. Per the request of Chair Eden DuPerier Jeff reached out to other communities to gather rate information. Jeff has some responses from other communities (See Note 5). Our current rate is at \$3.92 per 100 cubic feet, which is an annual cost of \$518 inclusive of a \$48 family unit charge. District 2 water department has a residential and non-owner rate (rentals) which is an annual cost of \$728 and they bill \$20 per bill in addition to water usage. They bill every 2 months. Eden asked about the annual cost. Jeff explained that the annual amount is based on average water usage and the industry average of 120 cubic feet or 90,000 gallons. Jeff also provided the Board with the MWRA water rate survey from 2022, as 2023 was not available yet. In the MWRA report the average cubic foot cost in 2019 was \$4.59, in 2020 it was \$4.87, in 2021 it was \$497, and in 2022 it was \$5.12. After a lengthy discussion about rates and where we need to be to start saving for Capital needs, William Schenker made a motion to increase our water rates by 8% a cost of \$4.23 per cubic foot. This would result in an increase of \$38.00 per year on the average water bill. This motion was seconded by Scott Motion Carried Williams. As in years past we will provide the water community a notice in the next water

As in years past we will provide the water community a notice in the next water bill that the rates will increase for the April 2024 bill, giving them advanced notice.

HOLIDAY SCHEDULE:

Jeff Cyr opened up the discussion that in the past the Board has given the Water Department employees the day after Thanksgiving off, and a half day off Christmas Eve and New Years Eve per the employment handbook. After a brief discussion, R. Scott Williams made a motion to grant the staff the day after Thanksgiving off, and a half day on December 22nd and 29th. This motion was seconded by William L. Schenker.

Motion Carried

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MEETING ACCESSIBILITY CONCERN UPDATE:

Eden DuPerier followed up from the last Board meeting about capacity and ADA compliancy for Board meetings at the Fire Department. Eden has been in touch with the state and the town of South Hadley ADA Coordinator regarding meetings held at the Fire Station not being ADA compliant. Eden was told that the state is aware of it and the town is also looking into it. If she hears anything further, she will let the Board and residents know. Eden stated we also discussed having some of the Water Board meetings at the library for better accessibility for residents and to show by example. Per the direction of Chair Eden DuPerier, Jeff Cyr reached out to Joe Rodio, Library Director, who said the third Monday of every month the meeting room is available to use for our Board meetings. The Board agreed that this would work for them. Scott Williams asked if we had additional, or other meetings, would we still be able to use the Water Department location and Jeff said, yes absolutely. Jeff Cyr suggested we reach out to the Prudential Committee and offer the monthly Monday time to them as a shared destination, where one month we would have our meeting there and another month the Prudential could use the facility. Eden DuPerier said she would reach out to Prudential about this proposal to share the library meeting room and asked if Jeff will contact Joe Rodio about the decision to use the meeting room.

PUBLIC COMMENT OR QUESTIONS:

Chair Eden DuPerier thanked the residents for being so patient during the rate discussion and thanked them for their input and questions. Pauline McClaflin asked who was the point person at the Town of South Hadley Eden had spoke to about ADA compliancy at the Fire Department. Eden said she did not get the gentlemen's name as the connection was not good, but it was the ADA compliant coordinator.

MOTION TO ADJOURN:

William L. Schenker made a motion to adjourn, which was seconded by Scott Williams.

Motion carried

ADJOURNMENT:

Meeting adjourned at 6:11 p.m.

BOARD OF WATER COMMISSIONERS

R. Scott Williams, Clerk



Advocacy & Accountability

Representing over 3 million people in Massachusetts since 1985

TO: MWRA Water Community Contacts (via electronic mail)

October 4, 2023

Dear MWRA Water Communities,

I hope this letter finds you well. We are writing to make sure you are aware of a legal development meriting your attention as a member of the MWRA's waterworks system.

A Federal Judge in South Carolina has preliminarily approved settlements between both DuPont and related entities and 3M and public drinking water systems in the United States to address the presence of per- and polyfluoroalkyl substances (PFAS) in drinking water. It is possible that your community has already received a notice regarding these proposed settlements.

One key aspect of these proposed settlements is that they require public water systems to affirmatively opt out if they do not wish to participate. In other words, if your community takes no action, it will automatically become a party to the settlement. We want to ensure that all MWRA communities are well-informed about their options.

The deadlines for objecting to and opting out of the proposed settlements are fast approaching. The deadlines are: (i) for objecting to the proposed Dupont settlement - November 4th, 2023; (ii) for objecting to the proposed 3M settlement - November 11, 2023; (iii) for opting out of the proposed Dupont settlement - December 4, 2023; and (iv) for opting out of the proposed 3M settlement -December 11, 2023. It is important that you are aware of these deadlines as you assess your options and take any necessary steps promptly.

To provide you with additional information about these settlements, a website has been set up as a comprehensive resource: www.pfaswatersettlement.com. Please visit this website to access detailed information regarding the proposed settlements and their implications for your community.

Each of the communities may have rights under the proposed settlements, and rights may differ for partially supplied communities.

We highly encourage you to engage your community's legal counsel to thoroughly review the details of these proposed settlements. Your legal counsel can help you make an informed decision about whether your community wishes to participate in the settlements, participate while submitting objections, or affirmatively opt-out.

If your counsel has any questions on these settlements, MWRA's Law Department has generously offered to share what information MWRA has available about the proposed settlements. Your counsel can reach MWRA's General Counsel Carolyn Francisco Murphy by email at Carolyn.Francisco-Murphy@mwra.com or by phone at (617) 788-2011 or Assistant General Counsel Kristen Schuler-Scammon by email at Kristen.Schuler-Scammon@mwra.com or by phone at (617)-788-1115.

Because these proposed settlements could have significant implications for your community your active participation in this process is crucial to making a well-informed decision in the best interests of your community. We appreciate your attention to this important issue and look forward to providing what further support we can in the coming weeks.

Sincerely,

Matthew A. Romero **Executive Director** MWRA Advisory Board

Note 1 Minutes 10/26/2023







RESNIC, BEAUREGARD, WAITE AND DRISCOLL

ATTORNEYS AND COUNSELORS AT LAW
330 WHITNEY AVENUE - SUITE 400
HOLYOKE, MASSACHUSETTS 01040-6560

TELEPHONE (413) 536-0653 FAX: (413) 536-4074 E-MAIL FIRM@RBWD.COM

C. BARRY WAITE
MARK A. BEAUREGARD
JOHN J. DRISCOLL
THOMAS G. GRIFFIN*
*Also Member of New York Bar

GEORGE N. BEAUREGARD BURTON S. RESNIC SUSAN R. TAYLOR OF COUNSEL

> SAMUEL RESNIC (1899-1988)

October 13, 2023

Matthew Garretson Wolf/Garretson LLC P.O. Box 2806 Park City, UT 84060

AFFF Public Water System Claims Attn: Dustin Mire P.O. Box 4466 Baton Rouge, LA 70821

Michael A. London Douglas & London 59 Maiden Lane, 6th Floor New York, NY 10038

Dear Sirs:

Please be advised this office represents the Water Department, Fire District No. 1 South Hadley, Hampshire County, Massachusetts. Said Water Department is a member of the MWRA Water Communities of Massachusetts.

As per our instructions in a letter from Matthew A. Romero Executive Director of the MWRA Advisory Board, we hereby notify you that the Water Department, Fire District No. 1 South Hadley, Massachusetts wishes to "opt out" of both the proposed Dupont settlement and the proposed 3M settlement.

Thank you for your anticipated cooperation and please contact me if you have any questions.

Very truly yours,

Mark A Beaurepard

MB/kms

cc:

Jeffrey Cyr, Superintendent

Water Department, Fire District No. 1

South Hadley, MA

note 2 Minutes 10/26/2023

Hypothetical discussion (Water Rents to be collected) FY24 \$1,986,052.00

Current Rate	Increase Amt.		Need to Bill
per 100 cu.ft.	in cents		(Cu.ft.)
3.92		3.92	50,664,592
		New Rates	
3%	0.12	4.04	49,188,924
4%	0.16	4.08	48,715,954
%5	0.20	4.12	48,251,992
%9	0.24	4.16	47,796,785
7%	0.27	4.19	47,350,086
%8	0.31	4.23	46,911,659
%6	0.35	4.27	46,481,277
10%	0.39	4.31	46,058,720
11%	0.43	4.35	45,643,776
15%	0.59	4.51	44,056,167
20%	0.78	4.70	42,220,493
25%	86.0	4.90	40,531,673
30%	1.18	5.10	38,972,763
35%	1.37	5.29	37,529,327
40%	1.57	5.49	36,188,994
45%	1.76	5.68	34,941,098

s Surplus Amount
.02 \$ 266,032.90 Min. Chrg.\$12
.00 \$ 249,145.00
4.00 \$ 259,938.00
2.00 \$ 460,327.00 COVID
52.30 \$ 186,081.78

Actual collections Signal Actual Collections

Commitment(water rents) Actual
\$ 1,835,751.12 \$
\$ 1,831,322.00 \$
\$ 1,854,996.00 \$
\$ 1,854,185.00 \$
\$ 1,900,170.52 \$
\$ 1,903,822.00 \$

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												FY 38				00 \$ 150,00
												FY 37				0 \$ 150,000.
				COVID								FY 36				\$ 150,000.00
Totals	44,922,200	44,449,500	44,904,400	50,979,700	45,001,400	47,073,900	46,051,440					FY 35				150,000.00
Quarter 4 (Cu. Ft.)	8,174,200	8,511,600	8,336,900	8,256,100	8,487,600	8,411,700	8,363,017					FY 34			\$ 150,000.00	\$ 150,000.00
Quarter 3 (Cu. Ft.) Quarter 4 (Cu. Ft.)	10,890,300	9,436,900	10,469,800	12,337,300	10,178,600	9,468,100	10,662,580					FY 33			150,000.00	150,000.00
Quarter 2 (Cu. Ft.)	16,104,600	15,886,800	16,745,800	19,584,900	15,593,500	18,256,800	16,783,120					FY 32			150,000.00 \$	150,000.00 \$
Quarter 1 (cu. Ft.)	9,753,100	10,614,200	9,351,900	10,801,400	10,741,700	10,937,300	10,252,460					FY 31			150,000.00 \$	150,000.00 \$
Customers	4,835	4,858	4,860	4,874	4,914	4,919	4,868					FY 30			150,000.00 \$	150,000.00 \$
	FY18	FY19	FY20	FY21	FY22	FY23	5yr. Avg.					FY 29			150,000.00 \$	8
												FY 28		\$ 203,800.00	\$ 150,000.00 \$ 150,000.00	
												FY 27		203,800.00 \$	150,000.00 \$	
												FY 26	65,031.56	\$ 203,800.00 \$ 203,800.00	\$ 150,000.00 \$ 150,000.00	
46,911,659	46,481,277	46,058,720	45,643,776	44,056,167	42,220,493	40,531,673	38,972,763	37,529,327	36,188,994	34,941,098		FY 25	65,127.56	203,800.00	150,000.00	
4.23	4.27	4.31	4.35	4.51	4.70	4.90	5.10	5.29	5.49	2.68		FY24	\$ 65,225.00 \$	\$ 203,800.00 \$	65	
0.31	0.35	0.39	0.43	0.59	0.78	86.0	1.18	1.37	1.57	1.76		FY 23	\$ 65,314.00	\$ 203,800.00		
%8	%6	10%	11%	15%	20%	25%	30%	35%	40%	45%		Captial projects timeline	Ludlow Facility	Newton st.	Alvord St. Tank	Industrial Drive Tank

WATER DEPARTMENT - FIRE DISTRICT NO. 1 RATE SETTING MATERIAL FOR FY24

302,976.00 family unit charges 75,744.00 each quarter

Water Department - Fire District No.1

Current Water Rents Billed
FY24

Commitment

\$ 1,986,052.00

2 25%
2 32%
2 32%
6 %
6 #DIV/0!

501,797.72

Water Sales Results for FY 24

2000000

1500000

\$ 7,650.00 \$ 1,146,138.24 \$ (920.01)

,							
Table 1							
		Cubic	Cubic Feet Billed Historically	ically			
Fiscal Year	Total Customers						
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Totals	
FY03	4,521	15,274,960	20,902,463	14,874,947	13,276,774	64,329,144	Qtr. 1
FY04	4,535	13,599,306	19,847,265	14,509,539	11,949,545	59,905,655	Qtr. 2
FY05	4,608	14,207,107	17,671,843	14,049,790	11,628,850	57,557,590	Qtr. 3
FY06	4,654	13,208,028	20,688,687	13,169,430	10,687,007	57,753,152	Qtr. 4
FY07	4,679	14,510,786	18,197,442	12,848,912	12,524,115	58,081,255	Misc.
FY08	4,729	14,065,900	19,231,700	13,441,000	11,522,600	58,261,200	Total
FY09	4,717	12,804,600	16,132,000	11,600,700	11,179,200	51,716,500	Surplus
FY10	4,723	11,945,916	14,789,013	12,850,600	9,661,000	49,246,529	
FY11	4,731	12,852,800	18,988,500	13,288,200	10,289,800	55,419,300	
FY12	4,742	12,072,800	15,653,500	12,487,000	9,181,700	49,395,000	
FY13	4,766	12,986,900	18,378,600	10,838,900	9,433,300	51,637,700	
FY14	4,778	11,444,000	15,611,000	10,952,000	9,620,600	47,627,600	
FY15	4,790	9,633,000	15,661,300	10,633,600	9,171,900	45,099,800	200000
FY16	4,808	11,922,800	16,112,900	11,339,200	9,162,200	48,537,100	
FY17	4,831	11,753,400	18,698,300	11,770,200	8,761,700	50,983,600	
FY18	4,835	9,753,100	16,104,600	10,890,300	8,174,200	44,922,200	
FY19	4,858	10,614,200	15,886,800	9,436,900	8,511,600	44,449,500	
FY20	4,860	9,351,900	16,745,800	10,469,800	8,336,900	44,904,400	150000
FY21	4,874	10,801,400	19,584,900	12,337,300	8,256,100	50,979,700	
FY22	4,914	10,741,700	15,593,500	10,178,600	8,487,600	45,001,400	
FY23	4,919	10,937,300	18,256,800	9,468,100	8,411,700	47,073,900	
FY24	4,928	10,836,600	14,280,600				
Svr. Avg.	4.885	10,489,300	17.213.560	10.378.140	8,400,780	46,481,780	

(Water Rents to be collected)	61 096 057 00

200000

dr. rep. ross

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2.92 New Rates 3.92 New Rates 3.92 New Rates 3.92 New Rates 3.92 0.12 4.04 4.04 4.04 4.05 0.10 0.20 6.02 0.10 6.02 0.10 6.02 0.10 6.02 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0.10 6.03 0	Table 2	Į							
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New Rates 0.12		•	3.92		3.92	50,664,592			
3% 0.12 4.04 49,188,924 4% 0.16 4.08 48,715,934 5% 0.20 4.12 48,215,992 6% 0.24 4.16 47,796,785 7% 0.27 4.19 47,730,086 8% 0.35 4.27 46,911,659 10% 0.39 4.31 46,611,679 11% 0.49 47,706,785 11% 0.49 47,706,785 11% 0.49 47,796,785 11% 0.49 47,796,785 11% 0.49 47,796,785 11% 0.49 47,796,785 12% 0.49 4.31 46,911,679 20% 0.39 4.31 4.35 44,056,167 20% 0.78 4.70 42,220,433 20% 1.37 5.10 38,972,763 35% 1.37 5.49 36,188,994 45% 1.37 5.49 36,188,994 45% 548,40 \$ 542,40 NWRA 2020 \$ \$					New Rates				
19% 0.16 4.08 48,115,954 5% 0.20 4.12 48,251,992 6% 0.24 4.16 47,796,785 6% 0.27 4.19 47,796,785 8% 0.35 4.27 46,911,659 19% 0.39 4.31 46,081,277 11% 0.39 4.31 44,056,167 15% 0.59 4.31 44,056,167 15% 0.78 4.70 42,20,493 25% 0.78 4.70 42,20,493 25% 0.78 4.70 42,20,493 35% 1.37 5.29 37,29,337 40% 1.37 5.49 36,188,994 45% 1.76 5.68 34,941,098 5 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			3%	0.12	4.04	49,188,924			
5% 0.20 4.12 48,251,992 6% 0.24 4.16 47,796,785 7% 0.27 4.19 47,350,086 7% 0.31 4.23 46,911,659 9% 0.31 4.23 46,911,659 11% 0.39 4.31 46,018,727 11% 0.43 4.31 44,056,187 12% 0.78 4.70 42,20,493 25% 0.78 4.70 42,20,493 30% 1.18 5.10 38,972,763 40% 1.57 5.49 36,188,994 45% 1.76 5.68 34,941,098 5 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			4%	0.16	4.08	48.715.954			
7% 0.24 4.16 47,906.85 8% 0.27 4.19 47,350,086 8% 0.31 4.23 46,911.659 9% 0.35 4.27 46,911.659 10% 0.39 4.31 46,088,272 20% 0.39 4.31 46,088,770 20% 0.59 4.51 44,056,167 20% 0.78 4.70 44,220,493 25% 0.98 4.90 40,531.673 35% 1.37 5.29 37,259,377 40% 1.57 5.49 36,188,994 45% 1.76 5.68 34,941,098 8 518.40 \$ 542.40 NWRA 2020 \$ \$			2%	0.20	4.12	48,251,992			
17% 0.27 4.19 47,550.086 8% 0.31 4.23 46,911.659 19% 0.35 4.27 46,911.659 11% 0.39 4.31 46,638,720 11% 0.49 4.31 44,036,167 15% 0.59 4.51 44,036,167 15% 0.78 4.70 42,20,493 25% 0.78 4.70 42,20,493 25% 0.78 4.70 38,972,763 35% 1.37 5.29 37,220,337 40% 1.57 5.49 36,188,994 45% 1.76 5.68 34,941,098 5 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			%9	0.24	4.16	47,796,785			
8% 0.31 4.23 46,911,659 9% 0.35 4.27 46,481,277 10% 0.39 4.31 4.6,088,720 11% 0.43 4.35 4.56,43,776 11% 0.43 4.35 4.56,087,70 11% 0.43 4.35 4.56,087,70 12% 0.59 4.70 40,521,67 22% 0.98 4.70 40,521,67 33% 1.18 5.10 38,927,763 33% 1.57 5.29 36,188,94 45% 1.57 5.49 36,188,94 45% 1.57 5.49 36,188,94 45% 2020 \$\$			7%	0.27	4.19	47,350,086			
10% 0.35 4.27 46,481,277 10% 0.39 4.31 46,058,720 11% 0.43 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35 4.35			%8	0.31	4.23	46,911,659			
10% 0.39 4.31 46,558,720 11% 0.43 4.458,720 11% 0.43 4.45 45,643,776 12% 0.59 4.31 44,056,167 0.59 4.70 42,220,493 22% 0.78 4.70 42,220,493 22% 0.78 4.70 42,220,493 23% 1.37 5.29 37,529,337 35,89 1.37 5.29 37,529,337 35,89 4.5% 1.76 5.68 34,941,098 3,532 5,41,29 3,41,298 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,098 3,541,088 3,541,088 3,541,088 3,541,08			%6	0.35	4.27	46,481,277			
15% 0.43 4.35 45,643,776 15% 0.59 4.51 44,056,167 20% 0.78 4.70 40,220,493 22% 0.98 4.90 40,531,673 30% 1.18 5.10 38,972,763 35% 1.57 5.29 37,229,377 40% 1.57 5.49 36,188,994 1.6 5.68 34,941,098 5 518,40 5 542,40 MWRA 2020 5			%01	0.39	4.31	46,058,720			
20% 0.59 4.51 44,156,167 20% 0.58 4.70 42,220,433 25% 0.58 4.70 42,220,433 35% 1.18 5.10 38,972,763 35% 1.57 5.49 36,188,994 45% 1.76 5.68 34,941,098 5.518,40 \$\$542.40 \$\$0.00000000000000000000000000000000			11%	0.43	4.35	45,643,776			
29% 0.78 4,70 40,220,493 25% 0.98 4,90 40,531,673 30% 1.18 5.10 38,972,763 40% 1.57 5,29 37,259,327 40% 1.76 5.68 34,941,098 1.76 5.68 34,941,098 1.76 5.41,2 Average 2019 \$			15%	0.59	4.51	44,056,167			
30% 0.98 4.90 40,531,673 30% 1.18 5.10 38,972,763 35% 1.57 5.29 36,188,994 45% 1.76 5.68 34,941,098 5.88 3.92 \$ 4.12			20%	0.78	4.70	42,220,493			
35% 1.18 5.10 38,772,763 35% 1.37 5.29 38,772,763 40% 1.57 5.49 36,188,994 42% 1.76 5.68 34,941,098 S 518.40 \$ 542.40			25%	86.0	4.90	40,531,673			
35% 1.37 5.29 37,529,327 40% 1.57 5.49 36,188,994 45% 1.76 5.68 34,941,098			30%	1.18	5.10	38,972,763			
45% 1.57 5.49 36,188,994 45% 1.76 5.68 34,941,098 . \$ 3.92 \$ 4.12 Average 2019 \$. \$ 518.40 \$ 542.40 MWRA 2020 \$			35%	1.37	5.29	37,529,327			
45% 1.76 5.68 34,941,098 \$ 3.92 \$ 4.12 Average 2019 \$ \$ \$ 518.40 \$ 542.40 NWRA 2021 \$ \$			40%	1.57	5.49	36,188,994			
S 518.40 S 542.40 AVERAGE 2019 S MWRA 2020 S 2021			45%	1.76	5.68	34,941,098			
. S 518.40 S 542.40 MWRA 2020 S 2021 S	vg. use	S	3.92	\$ 4.12		Average	2019	so	4.59
90	20 Cu Ft.	59	518.40	\$ 542.40		MWRA	2020	99	4.87
							2021	69	4.97

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Conclusion using 5 yr. average consumption figures

1,822,085.78 FY24 x 4.12 1,877,863.91 FY24 x 4.16 1,896,456.62 FY24 x 4.19 FY24 x 4.23 FY24 x 4.23	
1,822,085.78 1,877,863.91 1,896,456.62	\$ 1,822,085.78 \$ 1,877,863.91 \$ 1,896,456.62
	s s s

listorical collections by fisca	Surplus	126,952.15	66,604.48
Coll		S	69
Historical	Actual	1,761,594.15	1,651,415.48
		69	69
	Commitment	1,634,642.00	1,584,811.00
	_	69	69
		FY03	FY04

		Commitment		Actual		Surplus
FY03	69	1,634,642.00	69	1,761,594.15	S	126,952.15
FY04	69	1,584,811.00	69	1,651,415.48	69	66,604.48
FY05	8	1,580,910.00	69	1,665,542.95	69	84,632.95
FY06	8	1,592,334.00	69	1,696,646.36	8	104,312.36
FY07	8	1,595,296.00	69	1,714,591.91	8	119,295.91
FY08	8	1,599,230.00	69	1,728,547.00	8	129,317.00
FY09	69	1,669,231.00	69	1,638,144.48	69	(31,086.52)
FY10	8	1,651,502.76	69	1,621,332.14	69	(30,170.62)
FY11	69	1,664,014.97	69	1,888,917.71	69	224,902.74
FY12	69	1,763,507.22	69	1,705,618.28	69	(57,888.94)
FY13	S	1,718,913.41	69	1,848,248.16	5	129,334.75
FY14	69	1,703,899.03	69	1,767,826.74	69	63,927.71
FY15	69	1,754,084.02	69	1,766,960.47	8	12,876.45
FY16	S	1,766,926.56	69	1,971,487.33	8	204,560.77
FY17	89	1,809,609.22	69	2,135,152.12	8	325,542.90
FY18	8	1,835,751.12	69	2,101,784.02	8	266,032.90
FY19	S	1,831,322.00	S	2,080,467.00	8	249,145.00
FY20	8	1,854,996.00	69	2,114,934.00	69	259,938.00
FY21	69	1,851,185.00	69	2,311,512.00	69	460,327.00
FY22	8	1,900,170.52	S	2,086,252.30	8	186,081.78
FY23	89	1,903,822.00	89	2,169,077.88	69	265,255.88

ous billing	\$ 1915 049 34
sing new rates w/o miscelland	FV24 x 4 12
ue from water reciepts us	\$ 1.822.085.78
Potential reven	FY24 x 3.92

FY24 x 3.92	69	\$ 1,822,085.78	FY24 x 4.12	69	1,915,049.34
FY24 x 4.04	69	1,877,863.91	FY24 x 4.16	69	1,933,642.05
FY24 x 4.08	69	1,896,456.62	FY24 x 4.19	69	1,947,586.58
			FY24 x 4.23	69	1,966,179.29
			FY24 x 4.27	69	1,984,772.01
			FY24 x 4.31	69	2,003,364.72

listorical collections by fiscal year	Surplus	126,952.15	66,604.48	
00		S	69	
Historical	Actual	1,761,594.15	1,651,415.48	
		69	69	
	Commitment	1,634,642.00	\$ 1,584,811.00	
	_	69	69	
		3	4	

		Commitment		Actual		Surplus	
FY03	69	1,634,642.00	69	1,761,594.15	S	126,952.15	
FY04	69	1,584,811.00	69	1,651,415.48	69	66,604.48	
FY05	69	1,580,910.00	60	1,665,542.95	69	84,632.95	
FY06	8	1,592,334.00	69	1,696,646.36	8	104,312.36	
FY07	8	1,595,296.00	69	1,714,591.91	69	119,295.91	
FY08	69	1,599,230.00	69	1,728,547.00	8	129,317.00	
FY09	69	1,669,231.00	60	1,638,144.48	69	(31,086.52)	
FY10	89	1,651,502.76	69	1,621,332.14	69	(30,170.62)	
FY11	69	1,664,014.97	4	1,888,917.71	69	224,902.74	
FY12	69	1,763,507.22	69	1,705,618.28	69	(57,888.94)	
FY13	S	1,718,913.41	69	1,848,248.16	69	129,334.75	
FY14	69	1,703,899.03	69	1,767,826.74	69	63,927.71	
FY15	89	1,754,084.02	69	1,766,960.47	8	12,876.45	
5Y16	S	1,766,926.56	69	1,971,487.33	69	204,560.77	
71Y	8	1,809,609.22	69	2,135,152.12	8	325,542.90	
3Y18	89	1,835,751.12	69	2,101,784.02	69	266,032.90	
61Y	89	1,831,322.00	S	2,080,467.00	8	249,145.00	
FY20	69	1,854,996.00	69	2,114,934.00	69	259,938.00	
FY21	69	1,851,185.00	69	2,311,512.00	69	460,327.00	
ccas	6	1 000 170 52	6	05 555 300 5	6	100 001 70	

note 4 Minutes 10/26/2023

	Social Security	Social		Water District		Change in			
	Increases	Security	Dist. Raise Date	Salary Inc.	Water rates	water rates		FD ta	FD tax rate
FY 2011	Jan-10	3.6%	5 7/1/2010	%0.0	2.88	Base		٠	1.90
FY 2012	Jan-11	1.7%	5 7/1/2011	2.4%	2.88	0.0%		\$	2.05
FY 2013	Jan-12	1.5%		2.0%	3.17	10.1%		Ŷ	2.08
FY 2014	Jan-13	1.7%		1.0%	3.39	%6.9		Ş	2.24
FY 2015	Jan-14	%0.0	•	3.0%	3.39	0.0%		\$	2.30
FY 2016	Jan-15	0.3%		3.0%	3.77	10.0% Increased Minimum Charge from \$5.00 to \$12.00	.00 to \$12.00	ب	2.29
FY 2017	Jan-16	2.0%		%0.0	3.92	4%		ب	2.29
FY2018	17-Jan	2.8%	5 7/1/2017	3.0%	3.92	%0			
Fy 2019	18-Jan	1.6%		1.5%	3.92	%0			0.39
Fy2020	jan. 19	1.3%		\$0.25	3.92	%0			
Fy2021	21-Jan	2.9%		2.0%	3.92	%0			
FY2022	22-Jan	8.7%		2.5%	3.92	%0			
FY2023	23-Jan	2.2%	5 7/1/2022	2.0%	3.92	%0			
FY2024	24-Jan		7/1/2023	3.0%	3.92	%0			
totals		33.3%		22.0%		31%			

17.7%

19.3% 400,070.46

8.5% 2.1% 1.8% 2.4% 2.9%

2,125,318.96
7.9% 2,305,974.69
1.5% 2,354,142.87
7.7% 2,396,057.70
2.7% 2,454,618.25
-0.4% 2,525,389.42
0.0%

Change FD Tax rate Levy

Water Rates in Other Communities Ra	nities Rate		Non owner	Ann	Annually	Large	Large meter rate	
South Hadley Dist. #1	\$	3.92		\$	518.40			\$1200 per bill and Flat sewer fee
South Hadley Dist. #2	\$	\$ 5.40 \$	5.60	\$	728.00	\$	09.9	\$20.00 per bill for improvements and flat sewer fee
Easthampton	\$	\$ 4.89		\$	586.92			
South Hampton	6.18	6.18/1000 gallons	lons	Ş	263.00			accending rate
Belchertown				Ş	906.00			
Wilbraham	\$	4.12		Ş	549.60			accending rate sewer based on water
Chicopee	\$	4.20		Ş	514.00			20 per bill minimum
Holyoke				ş	423.81			
Hadley				Ş	552.66			Sewer based on water
Ludlow				Ş	535.80			
West Springfield				\$	460.80			

notes Minutes 10/26/2023