

BOARD OF WATER COMMISSIONERS
REGULAR MEETING OF FEBRUARY 2, 2023

REGULAR MEETING: The regular meeting of the Board of Water Commissioners was held at the 438 Granby Road on Thursday, February 2, 2023. Chairman Brian S. McClaflin called the meeting to order at 6:00 p.m. This meeting was recorded.

ATTENDANCE:	Chairman	Brian S. McClaflin
	Clerk	R. Scott Williams
	Associate Member	William L. Schenker
	Superintendent	Jeffrey A. Cyr
	Office Manager	Jennifer Fernandes
	Office Billing Clerk	Kari Scytkowski
	Maintenance Worker	Sam Bernash
	Prudential member	John Wojciechowski
	Fire Chief	Bob Authier
	Resident	Julie Gentile
	Resident	Bob Blasko
	Resident	Pauline McClaflin
	Resident	Al Zuffoletti
	2 other residents	

APPROVAL OF MINUTES: William L. Schenker made a motion to approve the minutes of November 28, 2022, December 7, 2022 and January 4, 2023. This motion was seconded by Brian McClaflin and the minutes for November 28, 2022 Scott Williams is opposing. Motion Carried.

BACKHOE ACCOUNT DISCUSSION: Jeff Cyr stated that the remaining money from the Backhoe account has been in the budget for a couple of years in the amount of \$11,210.67. The remaining money was so a hydraulic hammer could be purchased for winters to break through frost. Jeff is suggesting the Board vote to close the account and put the funds back into water available surplus. Jeff stated that there is not enough money now to purchase a hydraulic hammer. Bill Schenker asked what it would cost to purchase and Jeff responded about \$13,000. Scott Williams asked how often would we use it and what would the cost be to rent if needed. Jeff responded that we would use maybe once a year, weather depending and he is unsure of the costs to rent and would have to get back to Scott. Bill Schenker made a motion to move the \$11,210.67 into water available surplus and close out the Backhoe account. This motion was seconded by Scott Williams. Motion Carried

LEAK DETECTION SURVEY RESULTS: Jeff Cyr updated the Board that this year they employed Grouf's Water Leak Services for the leak detection that is required by the MWRA. (See Note 1) They require us to do at least half of the system every year for leak detection. Jeff had given the Board the results prior to the meeting. Jeff noted typically when they come out the listen in on all the fire hydrants and listen in on some of the services to determine any leaks. Jeff showed overhead projector a list of all the leaks they found. The first was found in the first 10 minutes at 31 Tampa St. it was leaking

approximately 10/gal. a minute. It was between the curb box and the home and when they contacted the resident to repair it, they said it had been leaking since June 2022 and they could hear it in the cellar. The next leak was in a section of Hartford and Smith Streets, a very small leak on the hydrant that required Mueller fire hydrant to assist repairing as the interior mechanics were frozen. The fire hydrant at the end of Ingram St and 152 East Street were repaired. There was a leak on the 16" water main at 105 New Ludlow Rd and a couple of hydrants on Memorial Drive and at 41 Pittroff Ave. The hydrant at 41 Pittroff Ave is out of service and the Fire Chief is aware of it, as it cannot be fixed. Jeff noted that Pittroff Avenue is scheduled to be replaced in the spring, the proposal is to do from the cul-de-sac down to Noel Street approximately 2200 feet. Grouf's water was very thorough with the report even sending pictures of the leaks. Jeff said they don't know how long these leaks have been going on, but if left undetected the yearly loss would have been about 24 million gallons. Bill Schenker asked how much that would equate to in dollars. Jeff said a lot of money, as we are paying MWRA about \$1,100 per million gallons. Jeff showed a few pictures of the leaks on the overhead projector as well as the assembly that the maintenance crew built in the shop to repair the 16" water main on New Ludlow Rd which saved the District a lot of money. This assembly costs about \$5000 in parts alone and thankfully we were able to build ourselves in house. The maintenance crew was able to repair the leak with the new assembly in a few hours and there were only about 27 people without water during the repair. The 16" main on New Ludlow Road is the main transmission main that feeds the town so during the repair we were relying on the water tanks for water.

CAPITAL DISCUSSION:

Jeff Cyr stated at the last Board meeting we didn't have a lot of numbers to really discuss projects. We now have figures and can talk about Capital improvements for the future. As previously stated, the department would like to replace Pittroff Ave water main in the spring. PVC pipe costs have gone from \$8/ft to \$22/ft but is still cheaper than ductile iron which is about \$35-\$40/ft. Jeff did get a price for the roof for the office at around \$35,000 with prevailing wage. Jeff also had the flat roof for the shop looked at and there is another 7-10 years of life left on it, they did give us a proposal for a coating that would extend the life to a 15 warranty but the cost is \$30,000. To replace the roof, it would be about double the cost of the coating at about \$60,000. It is just an estimate and when we go out to bid for the office roof, we will get several bids. One thing that did help the flat shop roof is removing the row of pine trees behind the shop years ago that hung over the building. Scott asked if the maintenance crew could put a coating on the roof to extend the life and save some money. Jeff said he can look into that. Jeff said we have ordered a new truck this year and will probably need another new truck next year or year after. The other capital projects would be to continue our water main work. Jeff noted that there have been some significant breaks on Lincoln Street as the pipe is in wet soil and we should think about concentrating on the Presidential streets in that area in the next few years. Brian asked how that would work with the town as far as timing with paving. Jeff said the DPW director is leaving the Town of South Hadley and they used to have an annual meeting to discuss paving and water main projects. In regards to Pittroff Avenue, the town is going to be doing the sidewalks and adding curbing, so it's a good time to be doing the water main project. The other water projects to think about it painting of the water tanks, Alvord Street tank is the next to be done then a few years after we would need to

do Industrial Drive at a cost of 1.2-1.5 million per water tank. Bill Schenker asked how much it would be to do Pittroff Ave. Jeff is unable to give an estimate as we don't know where the cost of materials will be, but if he were to guess he thinks \$80,000-\$100,000 in materials.

FY24 BUDGET DISCUSSION: Jeff Cyr showed the projected budget for FY24 on the overhead projector as well as a handout (See Note 2). Jeff said last meeting we did not have the surplus numbers from the Treasurer but we now have the figure, it is \$1,131,234.82. The wages have not changed and office expense will stay the same even though postage has gone up again to .60 cents a letter our cost and our bulk rate is .531 cents when sending out bills & statements. The communication account was reduced by \$4000, insurance we are waiting for a quote. The materials expense went up \$5000 with costs rising and vehicle expense went up an additional \$14,000. Jeff said our vehicle expense has been taking a beating with the cost of gas and upkeep of vehicles as well as the repairs we had to make to W-4 to replace the front end (ball joints, tie rod). Jeff reached out to Leo Norton at the MWRA for our water purchase figure and it may go down 2.5-3%, but it is not a solid number, so Jeff is projecting \$810,000 vs the \$820,000 we had budgeted for this year. A line was added for legal expenses of \$10,000 per the advice of the Auditor. Purification & pumping typically doesn't change but the costs of electricity right now at the Ludlow station have increased significantly and are about \$500-\$600/month. Retirement went up 4% to \$171,000 and health insurance is going up 6% and dental insurance is going down 8.3%. The insurance trust is changing from Guardian to Delta Dental. There will most likely be another increase next year with the health insurance. The audit expense Jeff hasn't heard back from the Treasurer if there will be an increase in that area. For capital expenses the meter expense account would increase by \$5,000. Jeff is looking to get meters right now and there are not any available, he does have a meeting tomorrow with E.J. Prescott to discuss getting some more. New water mains account increased by \$50,000 and shop repair improvement account is at \$1,816 and is looking to increase it to \$5,000. Scott asked if we just ordered a bunch of meters and Jeff said we did order a bunch last year but have used most of them. Water tank upkeep and repair we are looking to increase to \$15,000 as we will have to do another interior cleaning of Industrial Dr. tank, and last time the costs came in at around \$12,000. Scada system improvements have been taking a hit as we will need to upgrade the PC from windows 7 to windows 10 and we bought the antennae for the Ludlow repeater site. Leaping wells water shed we need to build up as another inspection of the dam will be next year. Jeff has indicated we will need a lawn mower. We are mowing more area at the Alvord Street water tank and we are looking to get a zero-turn mower either a 48" or 52" at an estimate of \$13,000. OPEB, Critical Infrastructure and Tank Stabilization will get an additional funds as well. The Water Tank Stabilization account is the one we would use to paint a water tank and it is currently at \$679,213.56 and projected to infuse with \$100,000. Resident Bob Blasko asked where the monies from the cell tower go. Jeff responded that when we started the process the money used to go directly into a water cell tower account, but D.O.R. (Dept of Revenue) said you can't do that anymore, so now the money at the close of the fiscal year goes into water available surplus. Resident Pauline McClafflin asked about replacing the shop flat roof and the costs would be \$60,000 and what would be the life on a new roof like that and how would the water department pay for it. Jeff responded that

we are not looking to replace that roof in the next fiscal year and if and when we do the life of the roof would be about 20 years and it would be paid out of Capital funds and we would start padding that account 3 or so years ahead to plan for it. Pauline then asked about the retirement rate and how the water department comes up with that figure. Jeff responded that every year the Hampshire County Retirement asks for an aggregate salary report as of September 30th. The Treasurer supplies this report for salaries for all District employees and they take a 29% figure for the District to pay and then the Treasurer calculates the percentage of employees' fire vs water to get the percentage that each Department has to contribute. Jeff said there is a one-time payment that communities can make to receive a discount and most communities will do this for the discount. Pauline then asked about the water meters if we can't get them what do you do. Jeff said luckily, we can borrow meters from District 2 and vice versa. Brian McClafin wanted to ask the board how they felt about raises for the water personnel and he recommends 3% as social security went up 8%. Brian said that with all the work the crew does in house and maintenance of the trucks he feels that a 3% raise is fair and asked the Board to think about it for the next meeting. Bill Schenker said he is not apposed to a raise he just hasn't really thought about it. Scott said he hasn't really even thought about it yet. Brian reminded the Board that a raise would not affect the salary budget at all. Brian said he had a discussion with the Prudential Chair, Perron about possibly having the Treasurer's salary a flat rate so to avoid what happened this year with Water giving 2% and Fire giving 4% raise. Brian said the salary for the Treasurer used to be a flat \$10,000 and then it changed as the Treasurers duties changed. Scott said we should come up with something that is fair. Resident Al Zuffoletti asked if the Assistant Treasurer salary is paid by water at all and Brian stated that water pays a portion of the Treasurer's salary and the Assistant position was just created last year and that is paid out of that office. Al then asked about the cell phones if anything has been resolved. Brian stated that no it has not the Treasurer has continued to take funds monthly out of our communication account to pay for phones we don't have. Brian said there are 26 phone lines and Prudential has broken it down that 3 lines are for fire, 6 lines for ambulance 4 lines for water for a total of 13 lines the 13 lines that are left are being split between 3 ways. (See Note 3) Brian has asked to get out of it and Prudential said we can't get out of it and our Verizon bill still has not been paid by the Treasurer. Brian said he authorized the Verizon bill to be paid by the credit card so we wouldn't be shut off. Brian spoke to Atty Brendan Hughes that it was recommended by him at the joint meeting for Treasurer to mail the Verizon payments to make good on our outstanding bills. Pauline asked why is the water paying \$114.79 when each phone costs \$15.25 so really the bill should only be about \$61. Brian said they divided up the lines that are not in used between the department and that is why it is \$114.79.

PETITION FOR BOARD CLARIFICATION:

William Schenker said he has worked with Attorney Mark Beauregard to help draw up some articles in the form of a petition for the Annual Meeting to add to the By-laws for better clarification of what each Board and Department is in charge of to hopefully end the rift between the departments. As it stands now the by-laws say Prudential Chair has general oversight over the District and Water Chair has oversight over the water system. Bill said he wants the public to vote on this to hopefully end this squabbling. Bill said he has nothing to gain doing this as

he is not running again in 2 years. Scott Williams asked about the land for the Water Department. Bill said there is language about that in the articles. Bill Schenker said there has been nothing done as far as the Memorandum of Agreement that was spoken about at the joint meeting, so he wanted to move forward with these articles and if he has to get signatures he will.

NEW MAINTENANCE TRUCK:

Jeff Cyr said he has reached out to the Liberty Chevrolet about our new truck and what the status is. The truck has not been ordered yet but the order will be placed in the next few weeks and in the meantime, they are looking for a truck that meets our specs to see if he can get it to us sooner.

SCS ENERGY:

Jeff Cyr notified the Board that our old mail person, Alex stopped by to say hello and he is now working for a company called SCS Energy and he said they could potentially save us some money for our Eversource gas and one electric bill for Ludlow. The Town of South Hadley currently has some of the schools with SCS Energy to help save money. Jeff said Alex took copies of our current bills to see if he can get us better rates. Jeff will sign a form to have SCS Energy look at our bills for a potential savings.

SCADA COMPUTER:

Jeff Cyr updated the Board that the Scada computer is currently running on windows 7 and needs to be upgraded to windows 10. Jeff noted that right now we are paying about \$70 a month for our fax and copper line for the Scada alarm system and we could save this money by using the Fiber that we currently have in the office for internet and phones. Jeff is not sure what the cost for an additional Fiber line is but is sure it would be less than the \$70 we are currently paying for that line. Jeff has been in contact with Bob Liswell of FiberSpring to get another extension to convert the copper line over to fiber.

BARTHOLOMEW INVESTMENTS:

Jeff Cyr notified the Board that he attended the Mass Municipal Association Conference in Boston and met with Susan Kelly and Brian Jamros from Bartholomew & Co. who manages our investments for the District. Jeff said she offered to come out to a Water Board meeting to talk with us about our investment and give a presentation. Brian asked Jeff if he would reach out to them to come to a Board meeting in the near future.

MONTHLY ANALYSIS & WATER RECIEPTS:

Jennifer Fernandes presented the Board with the January monthly analysis showing \$449,189.52 billed and as of January 25th, \$316,898.27 received leaving a current outstanding of \$163,920.12. Jeff Cyr showed the Board our commitment of \$1,903,822.00 from water receipts and currently we are 3 quarters into the year and are at 92% billed, so we will most likely exceed our water receipts. Miscellaneous billed for Fireline's are about \$14,500 annually.

ACH BANK DRAFT
PAYMENTS:

Jennifer Fernandes informed the Board that our ACH Bank Draft Payments have increased substantially. A customer can sign up for ACH and have money drawn out of their checking or savings account without any fees. Customers can do a set monthly amount or the amount of their water bill. We have also put the form on our website for customers, as well as putting the form on the back of the pink reminder statements for customers to take advantage of.

W-4 TRUCK FLOOR:

Jeff updated the Board that the Maintenance crew cut out the old floor and welded in a new 3/8" diamond plate steel floor. Jeff noted that this floor will probably out live the chassis of the truck. Jeff commended all of our staff's talent being able to do this. Brad and Sam can weld as well as Jeff Cyr. While the crew had the floor out, they undercoated the truck with a rust inhibitor to help prevent rusting again. Brian McClafin thank Sam and the rest of the maintenance staff.

WATER RATES:

Jeff reminded the Board that he sent them info on water rates and can talk about it at the next water meeting. Jeff said he spoke to Greg Nuttelman the DPW director in Easthampton, and Greg said they are going up 20% on the water rates as of July 1st. Jeff showed the Board the MWRA averages and system wide are going up 3%. We've been fortunate enough not to have to raise rates for 6 years. Our average is billing around 44 million cubic feet. We also have to think about the pipeline and someday that will need an upgrade. Jeff said 10-15 years ago the costs to upgrade the pipeline was 7 million and is probably double that cost right now. Jeff reached out to the MWRA through the local water assistance program, which was the program we got the 2 million, zero percent loan for Newton Street. Jeff asked them if we could paint a water tank with this program. Jeff will update the Board once he hears back from them.

DISTRICT PRAISE:

Bill Schenker wanted to say that the District is lucky to have Jeff Cyr for a Superintendent, as he's done a great job. Chief Authier has done a great job and we have one of the best ambulance, fire department and water departments in the Commonwealth. Bill wants to avoid further friction and would like someone who cares about the District to run when his term is up.

DEPARTMENT HEAD:

Brian McClafin would like to bring up to the Board that Prudential keeps referring the water Chair as the department head for the Water Department and that is just not true. Brian said he doesn't think any one of the Board members would like to handle things on a day-to-day basis. Brian is getting increasingly frustrated that the water Superintendent isn't being recognized as a department head. Brian said that Jeff is in charge of everything, he serves at the leisure of the Water Commission, he presents the budget to the Board, and deals with everyday business. Brian stated the Board oversees the water department they do not deal with the day to day. Bill Schenker said yes, Jeff Cyr is the department head and is responsible if something happens. Brian asked the rest of the Board if they agree and they all agree that Jeff Cyr is the Department head of the Water Department. John Wojciechowski said he thinks that this is coming from the verbiage in the by-laws. Bill said do you think I want to be called at 2 a.m. if there is a water main break, no sir.

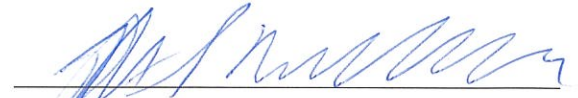
MOTION TO ADJOURN:

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

ADJOURNMENT:

Meeting adjourned at 7:03 p.m.

BOARD OF WATER COMMISSIONERS



R. Scott Williams, Clerk

Water Leak Survey Report For:
South Hadley Water Department
Fire District No. 1
South Hadley, MA

South Hadley Water Department
#438 Granby Road
South Hadley, MA 01075

December 2022

Survey Completed by:

MATT GROUF



Grouf's Water
LEAK SERVICES
DEAD ON IS MY NAME PINPOINT IS MY GAME

11 BIRCHES RD HUBBARDSTON, MA 01452
GROUFSWATER@GMAIL.COM



Note 1 - Minutes 2/2/2023

Equipment used in this Survey

I use state-of-the-art technology to accurately identify and narrow down areas of interest. This included real-time or overnight correlating of water mains and services. High powered sonic equipment, capable of finding very small leaks, was applied to detect and pinpoint accurate leak locations quickly. This included listening on top of the ground over water mains, as well as contacting hydrants, services, and valves. Utilizing both digital correlating and sonic listening allowed me to precisely pinpoint water breaks for correction.

SubSurface Leak Detection: LD-18 w/ High Sensitivity Contact and Ground Microphones

SubSurface Leak Detection: LD-15 w/ High Sensitivity Contact and Ground Microphones

SubSurface Leak Detection: Z-Corr Digital Correlating Loggers (8 Pack)

Sewerin: Stethophon 04 w/ Ground Microphone and Contact Microphone

Schonstedt: GA-92 XTd Magnetic Locator

Schonstedt: REX Pipe and Cable Locator

Scope of Survey

The water leak detection survey began on December 5, 2022 and was completed on December 29, 2022. Acoustic listening and digital correlation of approximately 36 miles of water mains and 7 miles of 16" Transmission mains were performed during this survey. Streets with heavy traffic, were correlated and listened on during early morning hours for accurate testing results. Listening with sonic equipment on the hydrants, valves, curb stops (when accessible); and on top of the ground over all the water mains was performed. All leaks uncovered were immediately alerted to the South Hadley Water Department.

Streets Correlated and Listened Early Morning
Abbey Street
East Street
Fuller Street
Granby Road
Lyman Street (from Newton to Willimansett)
Memorial Drive
Morgan Street
New Ludlow Road
West Street
Willimansett Street

Dates in System

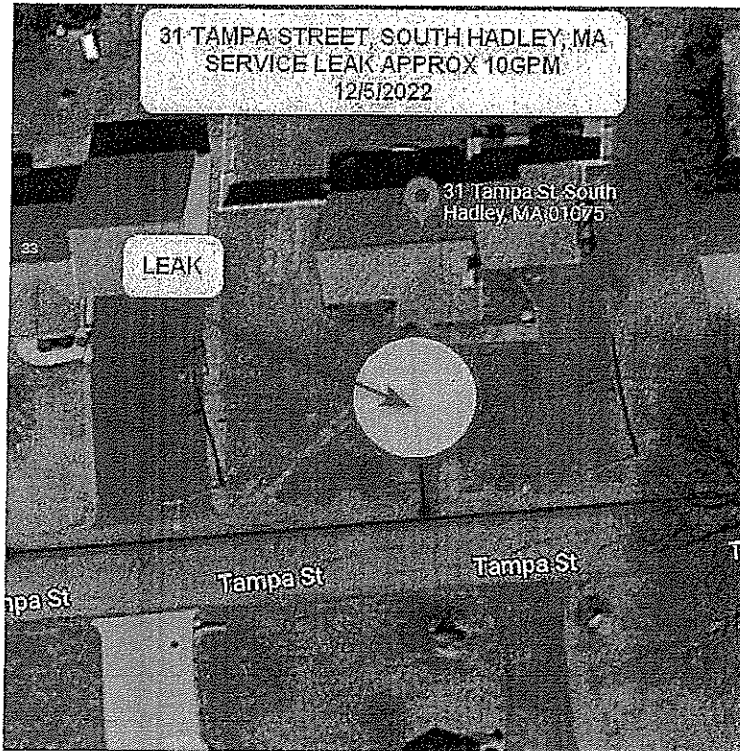
DATES WORKED	JOB TYPE	DETAILS
12/5/2022	START SURVEY	SYSTEM SURVEY START
12/11/2022	SURVEY	EARLY MORNING SURVEY
12/13/2022	SURVEY	SURVEY
12/19/2022	SURVEY	EARLY MORNING SURVEY
12/21/2022	SURVEY	SURVEY
12/29/2022	SURVEY COMPLETE	SURVEY/ FINAL PINPOINTS

Leaks Located

One Main Leak, one Service Leak, and five Hydrant Leaks were uncovered during this survey. An estimated total of 47 gallons per minute (GPM) loss, was due to these leaks. If left undetected, these leaks could add up to 67,680 gallons per day, 473,760 gallons per week, and a total of 24,635,520 gallons per year.

FINAL LEAK LIST FOR SOUTH HADLEY, MA 12/29/2022					
#	DATE	TYPE OF LEAK	ADDRESS	LOCATION DETAILS	ESTIMATED GPM
1	12/5/2022	SERVICE	31 TAMPA ST	SERVICE LEAK	10
2	12/5/2022	HYDRANT	HARTFORD ST @ SMITH ST	HYDRANT LEAK	1
3	12/5/2022	HYDRANT	INGRAM ST	HYDRANT LEAK	5
4	12/13/2022	HYDRANT	152 EAST ST	HYDRANT LEAK	8
5	12/19/2022	MAIN	105 NEW LUDLOW RD	16" MAIN	10
6	12/19/2022	HYDRANT	2097 MEMORIAL DR	HYDRANT LEAK	10
7	12/29/2022	HYDRANT	41 PITTROFF AVE	HYDRANT LEAK	3
TOTAL ESTIMATED GALLONS PER MINUTE LOSS					47

Aerial Reports



Conclusion

South Hadley Fire District No. 1 greatly benefits from Leak Detection programs. In this survey seven leaks were uncovered. Most of these leaks may never have surfaced, which is why yearly Leak Detection Surveys are so beneficial for the district. Detecting these leaks are essential to the conservation efforts of pure and clean water. Conserving this natural resource will help ensure a water supply is available for future generations. These surveys cut down on non-revenue water, which in turn increases revenues, and saves on rate payers resources. Underground leaks that do not surface, can undermine public and private property causing extensive damage. These leaks pose an increased risk for safety and are uncovered with routine leak detection. The amount of non-revenue water saved during this survey, shows why it is important to perform leak detection surveys every year.

Number of Leaks located:

1 Main Leak – **10 GPM**

1 Service Leak - approximately leaking a total of **10 GPM**

5 Hydrant Leaks - approximately leaking a total of **27 GPM**

0 Valve Leaks – **0 GPM**

Approximate system total gallons per minute loss: **47 GPM**

Approximate system yearly loss if left undetected: **24,635,520 Gallons**

Recommendations

Half-system comprehensive leak detection survey conducted once per calendar year. Leak detection surveys save an extensive amount of money and resources for the town, by detecting leaks that can go unnoticed.

Recognition

I would like to thank Jeff and his crew at the South Hadley Fire District No. 1 for their immediate response to all inquiries and leak locations. They do an outstanding job maintaining their water system and repairing all leaks promptly.

T Mobile bill breakdown:

26 Lines total

20 Lines are phones at monthly cost of \$15.25 per month taxes included

6 Lines are Mobile internet at monthly cost of \$11.40 per month taxes included

Currently the bill is broken down in the following manner:

Fire 3 Lines (\$86.09)

Ambulance 6 Lines (\$172.19)

Water 4 Lines (\$114.79)

Total of 13 Lines

Other 13 lines are not in use and all 3 Departments are splitting that cost evenly.

Total Bill for January \$373.07

Total Lines on bill 26 (Cost \$14.35 per line)

Total of Lines not used and Split 13 (\$186.53 extra)

Why do we need so many lines if we are not utilizing them?

Water Dept. is now operating with 1 phone and 1 tablet on their Verizon Account

How is this good for Fire District 1 as a whole?

Note 3 2/2/2023

Water Department - Fire District No.1

	As of December		
	Expended FY22	Current balances FY23	Proposed Fy23/24 Budget
Wages	\$ 495,980.56	\$ 410,834.18	\$ 625,647.00
Maint. And Operations			
Office Expense	\$ 32,546.18	\$ 25,898.04	\$ 43,000.00
Communication	\$ 4,784.13	\$ 9,634.02	\$ 8,000.00
Insurance	\$ 42,407.00	\$ 1,612.00	\$ 40,000.00
Materials	\$ 41,355.19	\$ 53,863.70	\$ 85,000.00
Vehicle Expense	\$ 24,239.09	\$ 8,712.22	\$ 40,000.00
Heat + Light	\$ 10,195.88	\$ 13,492.13	\$ 17,000.00
Water Purchase	\$ 766,608.00	\$ 417,267.50	\$ 810,000.00
Legal Expenses			\$ 10,000.00
Water Purification and pumping	\$ 33,195.21	\$ 57,986.65	\$ 62,000.00
Miscellaneous	\$ 41,589.44	\$ 36,637.05	\$ 45,000.00
Corrosion Control	\$ 25,571.70	\$ 27,082.00	\$ 40,000.00
Total	\$ 1,022,491.82	\$ 652,185.31	\$ 1,200,000.00
Other Expenses			
Retirement	\$ 142,357.00	\$ (782.23)	\$ 171,000.00
Health, Dental, Life	\$ 186,961.00	\$ 124,770.13	\$ 240,000.00
Treasurer's Salary	\$ 16,546.00	\$ 9,763.81	\$ 16,954.00
Reserve Fund	\$ -	\$ 10,000.00	\$ 10,000.00
Amortization of Debt Ludlow Facility	\$ 58,217.00	\$ -	\$ 60,593.00
Amortization of Debt Newton St.	\$ 203,000.00	\$ -	\$ 203,800.00
Travel Expense	\$ -	\$ 3,000.00	\$ 3,000.00
Audit Expense	\$ 3,500.00	\$ 7,000.00	\$ 3,500.00
Interest on Debt	\$ 6,767.00	\$ 1,892.85	\$ 3,167.00
Compensation Acct.	\$ -	\$ 5,000.00	\$ 5,000.00
Loan Fees	\$ 508.00	\$ 142.64	\$ 238.00
Total	\$ 617,856.00	\$ 160,787.20	\$ 717,252.00
Capital Expenses	Balances		
Computer Equipt. And Software	\$ 9,587.73	\$ 6,740.73	
Gate house Account	\$ 337.41	\$ 337.41	
Maps Water system	\$ 4,349.23	\$ 2,349.23	
Meter Replacement Acct.	\$ 3,478.35	\$ 8,649.09	\$ 5,000.00
Replacement & Installation of New Mains	\$ 131,432.75	\$ 106,773.17	\$ 50,000.00
Shop Repair and Improvements	\$ 2,414.66	\$ 1,816.49	\$ 5,000.00
Computer Meter Reading and Equipt. Account	\$ 3,712.51	\$ 3,712.51	\$ 2,000.00
Water Tank Upkeep and Repair	\$ 1,742.86	\$ 1,118.99	\$ 15,000.00
Watermain Leak Detection	\$ 3,590.00	\$ 9,490.00	\$ 4,000.00
SCADA System Equipt. & Maintenance account	\$ 4,856.14	\$ 5,539.30	\$ 5,000.00
Leaping Wells Watershed Acct.	\$ 2,394.18	\$ 1,994.18	\$ 3,000.00
Water Tank Painting Account	\$ 2,494.17	\$ 1,335.07	\$ 5,000.00
Newton St. Water Main Improvement Account	\$ 219,455.78	\$ 106,404.46	
New Office Roof			\$ 35,000.00
New Lawnmower			\$ 13,000.00
New Backhoe Account	\$ 11,210.67	\$ 11,210.67	
New Utility Truck		\$ 70,000.00	
OPEB Trust Fund		\$ 260,570.28	\$ 75,000.00
Critical Infrastructure Stabilization		\$ 156,315.43	\$ 80,000.00
Water Tank Stabilization		\$ 679,213.56	\$ 100,000.00
Total			\$ 397,000.00
Total Budget			\$ 2,939,899.00
Funding Sources			
Water Rents	\$ 1,851,185.00	\$ 1,900,170.64	\$ 1,983,339.00
Funds from Surplus			\$ 956,560.00
Funds from Stabilization Fund			\$ -
Total Budget	\$ 2,671,342.00	\$ 2,707,331.22	\$ 2,939,899.00

Note 2 - 2/2/2023