# Timber Cove County Water District

## April 2024 Operators Report

Presented May 18th, 2024:



By: Joseph A. Ball Chief Plant Operator T2/D2 5/18/2024

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## Monthly Numbers:

TCCWD Production vs Losses	Gallons	% of Total	Notes	Average GPD
Plant Production:	448,958	100%	Production Meter	14,965
Homeowners:	168,816	38%	% of Production	5,627
Timber Cove Inn:	190,703	42%	% of Production	6,357
Non-Billable Operational useage:	35,000	8%	% of Production	1,167
TCCWD meter	20,000	57%	% of operational useage	
Backwashing Filters	15,000	43%	% of operational useage	
Non-Billable Distribution Useage:	11,156	2%	% of Production	
Water Used from Hydrants (Flushing)	5,000	45%	% of secondary useage	
Water hidden within tanks	3,156	28%	% of secondary useage	
TCFPD- Fire department	3000	27%	% of secondary useage	
Primary: unnacountable, non-billable loss	43,283	10%	% of production	
Operational usage- Returned to Reservoir:	78,000	223%	% of Operational useage	Includes Raw

Water Sales in Gallons: 359,519gal (80% of Production)

Reservoir at: 25ft or 9,405,063gal

Pumping this month: 261,686gal

Pumping this year: 261,686gal

#### Loss/Leaks:

The loss this month (10% or 43,283gal) was mainly due to the leak I reported at the last meeting. We have had no leaks of significance since.

"A leak was reported by a community member on 04/07/2024. It was repaired on 04/09/2024 by Timber Cove Excavating. The leak was on the 2-inch pressure line at the corner of Timber Cove Road and Signaigo. The leak amount is hard to determine given that it would fluctuate based on the line pressure and tank level. At the time of discovery, it was approximately 4gal/min for 48 hours for 11,520 gallons lost, but it had been leaking a smaller underminable amount for a longer period. The wet spot by the corner of Ruoff and Timber Cove Road approximately 300 feet away had dried up a few days after repair."

### New in Operations:

Melany and I attended the California Rural Water Association (CRWA) Expo last month. While there, I made many connections with other water districts and vendors, as well as CRWA staff. I learned a great deal more about the upcoming regulations we will have new requirements for, including the new Cross Connection Control Policy Handbook. While I have nothing of significance to share with the board yet, I'm also now working with some CRWA staff members on projects that will hopefully be fruitful for the district.

A great deal of my time this month has been spent on file organization and record collection. I'll have more to speak about that later in the Coastland update. Drews time has been primarily spent on the Reservoir, doing battle with the explosion of plant growth that occurred after the mini heatwave we had. Other than that, Operations are running smoothly. For the PG&E Grant, I got a new quote from Piazza Construction for the Pacific View Drive main repair project. Price has increased from the original 2022 quote of \$78,850, to the 2024 quote of \$107,000. (35.7% increase or \$28,150) Melany has enlisted Timber Cove Excavating to repair the two locations on Timber Cove Road (Corner of TCRD and Ruoff. Corner of TCRD and Signaigo.) where main repairs had to be completed.

Next month, (June) we will be sending out our Consume Confidence Report (CCR) for the 2023 Year. All state required testing has already been completed for this

report, as it reflects the previous year of water quality testing done monthly.

Additionally, TCCWD will include additional tests done for Lead and Copper, and

Asbestos on Amanita Circle. These tests are not done for state reporting but are of importance to the community as determined by the Board in previous sessions. The

state reporting schedule for TCCWD can be found here:

https://sdwis.waterboards.ca.gov/PDWW/JSP/NMonitoringSchedules.jsp?tinwsys is number=4 908&tinwsys st code=CA&ReportFormat=DWW

Please note: The state takes their time updating this site with results, so many tests that have been completed might be showing as DUE NOW when they have in fact been completed and submitted. Not included on the website is our Bacteriological Sampling Plan, which involves checking the distribution system and reservoir monthly for bacteria and harmful organisms.

Lastly, I have made some interesting discoveries regarding the alleged "pressure problems" on Koftinow. My preliminary testing this week shows that the bottom of Koftinow on the 6in line is close to 100psi. The highest point of Koftinow is David French's property on the 2in line. Pressure testing at his house was 47.5 PSI. Tank 3 was at 14ft exactly at this time. While more pressure testing will be required with different gauges and tests than I had available, no one's property that I checked was below 45 PSI. Except for 22124 Koftinow. The pressure was exactly 35 PSI at the house. While investigating the pressure, I found that the residence has a PRV

(Pressure Reducing Valve) on the water line. Additionally, this residence has had complaints about dirty water and pipes rattling due to "water pressure issues." PRV's are recommended to be changed every 4-5 years as the valve wears out from controlling pressure and corrodes.

At this time, I don't necessarily believe there is a water pressure issue on Koftinow. After using my iPhone 15 Plus Compass App to check Elevation. I found the **bottom** of Tank 3 to be 610ft. At David French's meter I found the elevation to be 550ft with the same app. That would mean Tank 3 is 60' higher than the highest water meter on Koftinow. 1 foot of water head is equal to .433 PSI. There are more advanced calculations to be made but roughly that means the bottom of Tank 3 filled 1 foot high would be exerting 26PSI at David French's meter. The minimum pressure required to be supplied is 20PSI. The optimal pressure to be supplied is 35PSI. Lastly, larger pipes will exert more force as there is more available volume. Keeping in mind that we will need to increase the 2in pipe on Koftinow to a minimum size of 4in to comply with Fire Code.

#### Coastland:

I want to apologize for the length of time the Coastland Study is taking. It took me time to get my bearings when I took over last year, as I learned to be a Water Operator, and to learn my management role. Thankfully the board and community have been very supportive. Melany and John have been great mentors. Melany is a wealth of information and guidance whenever I get stuck on an issue. John has coached me through areas I was not as strong in, like communication, and getting responses from people dragging their feet in matters of urgence.

Moving on to the actual update for Coastland, I have bombed them with almost every piece of relevant information I could find. This includes:

Water System Drawings

Pressure Zone Map + Data Chart

Valve List + Isolation Valve List + Emergency Shut-Off Map

ARV List

Backflow Hazard Assessment Survey 2019

Hydrant List w/ Pressure Test Data

Hydrant + PRV + Standpipe Map

Tank Volume Chart

Picture of Single Wharf Hydrant

2020-2022 Operator Leak Logs

2014 Geology Report

2016 Source Capacity Study

2020 Municipal Service Review

2022 Weir Habitat Assessment

2022 Phased Strategic Plan

2023 Rate Study

2023 Watershed Sanitary Survey (The 2018 WSS was reapproved for 2023)

American Leak Detection Report March 2022

Production and Loss 2017-2021

CRWA Leak Detection June 2021

CRWA Leak Detection June 2020

Areas of Concern 2019

Public Information Sheet 2016

Lastly, I spent time reviewing monthly reports and logs from the last 5 years to create a 5-year history on water loss.

Feb-19 3 Mar-19 3 Apr-19 4 May-19 3 Jun-19 4 Jul-19 3 Aug-19 4 Sep-19 5 Oct-19 4 Nov-19 3 Jan-20 4 Feb-20 3 Mar-20 2 May-20 2 Jun-20 3 Jul-20 4 Aug-20 4 Aug-20 4 Aug-20 4 Sep-20 3 Jul-20 4 Aug-21 6 Jul-21 6 May-21 6 Jul-21 6 May-21 6 Jul-21 6 May-21 6 Jul-21 6 Sep-21 5 Oct-22 4 Jan-22 5 Feb-22 4 Jun-22 4 Jun-22 4 Jun-22 4 Jul-22 5 Jul-22 4 Jul-22 5 Aug-22 4 Jul-22 5 Aug-22 4 Jul-22 5 Jan-23 3 Jan-23 3 Feb-23 3 May-23 5 May-23 5	230,249 313,562 326,251 437,177 301,224 410,364 390,036 421,084 520,418 464,222 471,993 361,117 456,874 339,665 305,272 247,540 288,131 387,732 4435,172 447,943 377,140 718,439 453,314 405,057	230,249 313,562 326,251 437,177 301,224 410,364 390,036 421,084 520,418 464,222 471,993 361,117 456,874 339,665 305,272 247,540 288,131 387,732 435,172 487,943 377,140 718,439	546 0% 214 0% 9,314 2% 10,197 3% 4,212 1% 0 0% 12,354 3% 126 0%	GOperator cited major leak on kelly court but no numbers.) "We discovered water loss at the Ruoff residence on March 5th"  GOPERATOR CITED MAJOR PROVIDENCE OF MAJOR P
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Apr-20 Apr-20 Apr-20 Apr-20 Ay-20 Ay-20 Aug-20 Aug-20 Aug-20 Aug-20 Aug-20 Aug-20 Aug-20 Aug-21 Aug-22 Aug-22 Apr-22 Apr-22 Apr-22 Aug-22 Aug-23	247,540 288,131 387,732 435,172 487,943 377,140 718,439 453,314 405,057 453,842 436,429	247,540 288,131 387,732 435,172 487,943 377,140 718,439	31,763 13% 38,481 13%	
May-20 Jun-20 Jun-20 Jun-20 Jul-20 4 Aug-20 4 Sep-20 3 Oct-20 7 Nov-20 4 Dec-20 4 Jan-21 4 Feb-21 4 Mar-21 6 May-21 6 Jul-21 6 May-21 6 Jul-21 6 Jul-21 6 Jul-21 6 Jul-21 6 Jul-21 6 Jul-21 6 Aug-21 5 Dec-21 5 Nov-21 5 Dec-21 4 Jan-22 5 Feb-22 5 Mar-22 4 Apr-22 5 Aug-22 4 Apr-23 5 Aug-23 3 Apr-23 5 May-23	288,131 387,732 435,172 487,943 377,140 718,439 453,314 405,057 453,842 436,429	288,131 387,732 435,172 487,943 377,140 718,439	38,481 139	
Jun-20 3 Jul-20 4 Aug-20 4 Aug-20 3 Oct-20 7 Nov-20 4 Dec-20 4 Jan-21 4 Feb-21 4 Mar-21 5 Apr-21 6 Jul-21 6 Jul-21 6 Aug-21 5 Sep-21 5 Oct-21 5 Nov-21 5 Dec-21 4 Jan-22 5 Feb-22 5 Mar-22 4 Apr-22 3 May-22 4 Jul-22 4 Jul-22 5 Aug-22 4 Apr-22 3 May-22 4 Jul-22 5 Aug-22 4 Sep-22 4 Nov-22 4 Nov-22 4 Dec-22 3 Jan-23 3 Aug-23 3 Apr-23 5 May-23 5 May-23 5	387,732 435,172 487,943 377,140 718,439 453,314 405,057 453,842 436,429	387,732 435,172 487,943 377,140 718,439		
Jul-20 Aug-20 Aug-20 3 sep-20 3 Oct-20 7 Nov-20 4 Jan-21 4 Feb-21 4 Mar-21 5 Apr-21 6 Jul-21 6 Jul-21 5 Sep-21 5 Oct-21 5 Nov-21 5 Dec-21 4 Jan-22 5 Feb-22 5 Feb-22 4 Apr-22 4 Apr-22 4 Apr-22 4 Jul-22 5 Aug-22 5 Aug-22 4 Jul-22 5 Aug-22 5 Aug-23 5 Aug-23 5 Aug-23 5 Aug-23	435,172 487,943 377,140 718,439 453,314 405,057 453,842 436,429	435,172 487,943 377,140 718,439	35,240 99	
Aug-20 Sep-20 3 Oct-20 7 Nov-20 4 Dec-20 4 Jan-21 4 Feb-21 4 Mar-21 5 Apr-21 6 Jun-21 6 Jun-21 5 Sep-21 5 Oct-21 5 Nov-21 5 Dec-21 4 Jan-22 5 Feb-22 5 Mar-22 4 Apr-22 4 Apr-22 4 Apr-22 4 Apr-22 4 Jun-22 4 Jun-22 4 Jun-22 4 Jun-22 4 Jun-22 4 Apr-22 5 Aug-22 4 Cot-22 4 Cot-22 4 Apr-23 5 Feb-23 3 Apr-23 5 Aug-23 4 Apr-23 5 Aug-23 6 Aug-24 Aug-2	487,943 377,140 718,439 453,314 405,057 453,842 436,429	487,943 377,140 718,439		
Sep-20 3 Oct-20 7 Nov-20 4 Dec-20 4 Jan-21 4 Feb-21 4 Mar-21 6 May-21 6 May-21 6 Sep-21 5 Oct-21 5 Nov-21 5 Dec-21 4 Jan-22 5 Mar-22 4 Apr-22 3 May-22 4 Jul-22 5 Aug-22 4 Jul-22 5 Aug-22 4 Nov-24 5 Dec-25 4 Jul-26 5 Mar-26 5 Mar-27 5 Mar-28 5 Mar-29 4 Jul-29 5 Aug-29 4 Jul-29 5 Aug-29 4 Jul-29 5 Aug-29 4 Dec-29 4 Nov-20 4 Nov-20 4 Dec-29 3 Jan-29 3 Jan-29 3 Jan-29 3 Jan-29 3 Jan-29 3 May-29 4 May-29 4 Dec-29 3 Jan-29 5 May-29 4 May-29 4 Dec-29 3 Jan-29 3 Jan-29 3 Jan-29 3 Jan-29 5 May-29 5 May	377,140 718,439 453,314 405,057 453,842 436,429	377,140 718,439	51,416 129	3
Oct-20 Nov-20 Nov-20 A Nov-20 A Dec-20 4 Jan-21 4 Feb-21 4 Mar-21 5 Apr-21 6 May-21 6 Jul-21 6 Jul-21 6 Aug-21 5 Sep-21 5 Oct-21 5 Nov-21 5 Dec-21 4 Jan-22 5 Feb-22 5 Mar-22 4 Apr-22 5 Aug-22 4 Apr-23 3 Apr-23 4 Apr-23 5 May-23	718,439 453,314 405,057 453,842 436,429	718,439	14,058 39	i
Oct-20 7 Nov-20 4 Dec-20 4 Jan-21 4 Feb-21 4 Mar-21 5 Apr-21 6 Jun-21 6 Jun-21 6 Jun-21 6 Jun-21 5 Oct-21 5 Nov-21 5 Dec-21 4 Jan-22 5 Feb-22 5 Mar-22 4 Apr-22 4 Jun-22 4 Dec-22 3 Jun-23 3 Feb-23 3 Mar-23 3 Mar-23 5 May-23 4 May-23 4	718,439 453,314 405,057 453,842 436,429	718,439	53,168 149	
Nov-20 Dec-20 A Dec-20 A Jan-21 A Feb-21 A Mar-21 B Apr-21 B Apr-21 B Ay-21 B Aug-21 B Aug-21 B C C C C C C C C C C C C C C C C C C	453,314 405,057 453,842 436,429			6 "leak on pacific"
Dec-20 Jan-21 Jan-21 4 Feb-21 4 Mar-21 5 Apr-21 6 May-21 6 Jun-21 6 Aug-21 6 Sep-21 5 Oct-21 5 Nov-21 5 Dec-21 4 Jan-22 5 Feb-22 5 Mar-22 4 Apr-22 4 Apr-22 4 Jun-22 4 Jun-22 4 Jun-22 5 Aug-22 4 Sep-22 4 Oct-22 4 Nov-22 4 Nov-22 4 Sep-22 5 Mar-22 4 Sep-22 4 Sep-22 4 Sep-22 5 Sep-22 4 Sep-23 5 Sep-24 Sep-25 Sep-26 Sep-26 Sep-27 Sep-27 Sep-27 Sep-28	405,057 453,842 436,429			6 "11/2 Service line break at Pacific view 4in AC pipe corporation stop corrosion caused break"
Jan-21 4 Feb-21 4 Mar-21 5 Apr-21 6 May-21 6 Jun-21 6 Jun-21 6 Sep-21 5 Oct-21 5 Nov-21 5 Dec-21 4 Jan-22 5 Feb-22 5 Mar-22 4 Apr-22 4 Apr-22 4 Jun-22 4 Jun-22 4 Jun-22 5 Aug-22 4 Jun-22 3 Aug-22 4 Oct-22 4 Nov-22 4 Dec-22 3 Jan-23 3 Feb-23 3 Mar-23 3 Apr-23 5 May-23 4	453,842 436,429		9,066 29	
Feb-21 4 Mar-21 5 Apr-21 6 May-21 6 Jun-21 6 Jun-21 6 Jun-21 6 Jun-21 6 Jun-21 5 Cot-21 5 Nov-21 5 Dec-21 4 Jan-22 5 Feb-22 5 Mar-22 4 Apr-22 4 Jun-22 4 Nov-22 4 Nov-22 4 Dec-22 3 Jan-23 3 Agr-23 3 Mar-23 3 Mar-23 5 May-23 4	436,429			
Mar-21 55 Apr-21 66 May-21 66 Jun-21 66 Jun-21 66 Jun-21 66 Aug-21 55 Oct-21 55 Nov-21 55 Dec-21 4 Jan-22 55 Feb-22 55 Mar-22 4 Apr-22 3 May-22 4 Jun-22 4 Jun-22 4 Jun-22 4 Jun-22 4 Sep-22 4 Nov-22 4 Nov-22 4 Nov-22 4 Nov-22 4 Nov-22 3 Jan-23 3 Feb-23 3 Mar-23 3 Apr-23 55 May-23 44				
Apr-21 6 6 May-21 6 6 Jun-21 6 6 Jun-21 6 6 Jul-21 6 6 Aug-21 6 6 Sep-21 5 5 Oct-21 5 5 Dec-21 4 Jan-22 5 Feb-22 3 Aug-22 4 Jun-22 4 Jul-22 5 Aug-22 4 Apr-22 3 Sep-22 4 Coct-22 4 Nov-22 4 Dec-22 3 Jan-23 3 Feb-23 3 Mar-23 3 Apr-23 5 May-23 4 4	E14 000			6 "leak on pacific"
May-21 6 Jun-21 6 Jun-21 6 Aug-21 6 Sep-21 5 Oct-21 5 Nov-21 5 Dec-21 4 Jan-22 5 Feb-22 5 Mar-22 4 Apr-22 3 May-22 4 Jun-22 4 Jun-22 4 Jun-22 4 Jun-22 3 Sep-22 4 Oct-22 4 Nov-22 4 Dec-22 3 Jan-23 3 Feb-23 3 Mar-23 3 May-23 4 May-23 4	514,000	514,000	52,687 109	6 "20,000 gallon leak on pacific"
Jun-21 66 Juli-21 66 Aug-21 66 Sep-21 55 Oct-21 55 Nov-21 55 Dec-21 4 Jan-22 55 Feb-22 54 Apr-22 4 Apr-22 4 Jun-22 4 Jun-22 4 Jun-22 4 Jun-22 4 Jun-22 4 Jun-22 4 Sep-22 4 Oct-22 4 Nov-22 4 Dec-22 3 Jan-23 3 Feb-23 3 Mar-23 3 Apr-23 5 May-23 44	611,423	611,423	39,101 69	6
Jun-21 66 Jul-21 66 Sep-21 66 Sep-21 55 Oct-21 55 Nov-21 55 Dec-21 4 Jan-22 55 Feb-22 54 Apr-22 4 Apr-22 4 Jun-22 3 Sep-22 4 Oct-22 4 Nov-22 4 Dec-22 3 Jan-23 3 Feb-23 3 Mar-23 3 Apr-23 5 May-23 44	642,971	642,971	123,312 199	"5/22 CLA VAL failed down at Tank 1 causing a overflow and loss of finished water"
Jul-21 6 Aug-21 5 Sep-21 5 Oct-21 5 Nov-21 5 Dec-21 4 Jan-22 5 Feb-22 5 Mar-22 4 Apr-22 3 May-22 4 Jul-22 5 Jul-22 4 Jul-22 5 Aug-22 4 Nov-22 4 Nov-22 4 Dec-22 3 Jan-23 3 Feb-23 3 Mar-23 3 Mar-23 3 May-23 4 May-23 4	623,749	623,749	126,089 20%	
Aug-21 5 Sep-21 5 Oct-21 5 Nov-21 5 Dec-21 4 Jan-22 5 Feb-22 5 Mar-22 4 Apr-22 3 May-22 4 Jun-22 4 Jul-22 5 Aug-22 4 Nov-22 4 Nov-22 4 Nov-22 4 Dec-22 3 Jan-23 3 Feb-23 3 Mar-23 3 Apr-23 5 May-23 4	655,568			6 "7/28 CLA VAL failed down at Tank 1 causing a overflow and loss of finished water"
Sep-21         5           Oct-21         5           Nov-21         5           Dec-21         4           Jan-22         5           Feb-22         5           Mar-22         4           Apr-22         3           May-22         4           Jul-22         5           Aug-22         4           Sep-22         4           Oct-22         4           Nov-22         4           Dec-22         3           Jan-23         3           Feb-23         3           Mar-23         3           Apr-23         5           May-23         4	628,499			•
Oct-21 5 Nov-21 5 Dec-21 4 Jan-22 5 Feb-22 5 Mar-22 4 Apr-22 3 May-22 4 Jun-22 4 Jun-22 4 Jun-22 4 Sep-22 4 Oct-22 4 Nov-22 4 Dec-22 3 Jan-23 3 Feb-23 3 Mar-23 3 Apr-23 5 May-23 4				
Nov-21 5 Dec-21 4 Jan-22 5 Feb-22 5 Mar-22 4 Apr-22 3 May-22 4 Jun-22 4 Jun-22 5 Aug-22 4 Sep-22 4 Nov-22 4 Nov-22 4 Dec-22 3 Jan-23 3 Feb-23 3 Mar-23 3 Apr-23 5 May-23 4	520,770		134,174 26%	
Dec-21 4 Jan-22 5 Feb-22 5 Mar-22 4 Apr-22 3 May-22 4 Jun-22 5 Jul-22 5 Aug-22 4 Sep-22 4 Oct-22 4 Nov-22 4 Dec-22 3 Jan-23 3 Feb-23 3 Mar-23 3 Apr-23 5 May-23 4	534,415		115,126 229	6 "Davis ct leak on curbstop"
Jan-22 5 5 Feb-22 5 5 Mar-22 4 4 Apr-22 3 3 May-22 4 4 Jun-22 5 5 Aug-22 4 5 Sep-22 4 5 Oct-22 4 7 Oct-22 4 7 Oct-22 4 7 Oct-22 3 Jan-23 3 7 Feb-23 3 7 Mar-23 3 5 May-23 4 4	521,930	521,930	136,307 269	o
Feb-22 5 5 Mar-22 4 4 Apr-22 3 3 May-22 4 Jun-22 4 Jul-22 5 Aug-22 4 Cot-22 4 Nov-22 4 Dec-22 3 Jan-23 3 Feb-23 3 Mar-23 3 5 May-23 4 4	476,319	476,319	125,941 269	6
Feb-22 5 5 Mar-22 4 4 Apr-22 3 3 May-22 4 Jun-22 4 Jul-22 5 Aug-22 4 Cot-22 4 Nov-22 4 Dec-22 3 Jan-23 3 Feb-23 3 Mar-23 3 5 May-23 4 4	582,975	582.975	126,992 229	
Mar-22 4 Apr-22 3 May-22 4 Jun-22 4 Jun-22 5 Aug-22 4 Sep-22 4 Oct-22 4 Nov-22 4 Dec-22 3 Jan-23 3 Feb-23 3 Apr-23 5 May-23 4	521,728		95,779 18%	
Apr-22 3 May-22 4 Jun-22 4 Jun-22 5 Aug-22 4 Sep-22 4 Oct-22 4 Nov-22 4 Dec-22 3 Jan-23 3 Feb-23 3 Mar-23 3 Apr-23 5 May-23 4	450,131			
May-22 4 Jun-22 5 Jul-22 5 Aug-22 4 Sep-22 4 Oct-22 4 Nov-22 4 Dec-22 3 Jan-23 3 Feb-23 3 Apr-23 5 May-23 4				6 "-3/27 Service connection break on Umland" (Discovery of 1.1 million gallon total leak on Ninivae )
Jun-22 4 Jul-22 5 Aug-22 4 Sep-22 4 Oct-22 4 Nov-22 4 Dec-22 3 Jan-23 3 Feb-23 3 Mar-23 3 Apr-23 5 May-23 4	385,474			6 "-4/23 Break repair on Pac View"
Jul-22 5 Aug-22 4 Sep-22 4 Oct-22 4 Nov-22 4 Dec-22 3 Jan-23 3 Feb-23 3 Mar-23 3 Apr-23 5 May-23 4	441,030		53,510 129	
Aug-22 4 Sep-22 4 Oct-22 4 Nov-22 4 Dec-22 3 Jan-23 3 Feb-23 3 Mar-23 3 Apr-23 5 May-23 4	444,207	444,207	74,948 179	
Sep-22         4           Oct-22         4           Nov-22         4           Dec-22         3           Jan-23         3           Feb-23         3           Mar-23         3           Apr-23         5           May-23         4	505,138	505,138	43,617 99	i
Sep-22         4           Oct-22         4           Nov-22         4           Dec-22         3           Jan-23         3           Feb-23         3           Mar-23         3           Apr-23         5           May-23         4	422,287		64,452 15%	
Oct-22 4 Nov-22 4 Dec-22 3 Jan-23 3 Feb-23 3 Mar-23 5 May-23 4	416,954		28,989 79	
Nov-22 4 Dec-22 3 Jan-23 3 Feb-23 3 Mar-23 3 Apr-23 5 May-23 4	433,647		42,646 109	
Dec-22 3 Jan-23 3 Feb-23 3 Mar-23 3 Apr-23 5 May-23 4				6 "-11/09 Break during preparation for replacement of PRV. Lid came down on a 2in PVC"
Jan-23 3 Feb-23 3 Mar-23 3 Apr-23 5 May-23 4	425,670			0, 1
Feb-23       3         Mar-23       3         Apr-23       5         May-23       4	354,213			"A leak at the end of Signaigo Way. Losses estimated at around 35,000 gal."
Mar-23 3 Apr-23 5 May-23 4	376,694		69,400 189	
Apr-23 5 May-23 4	369,749	369,749	57,022 15%	J
Apr-23 5 May-23 4	343,844	343,844	32,756 10%	leaking gauge identified in the Koftinow/Ruoff PRV vault on 3/9/2023 during maintenance.
May-23 4	529,345		38,760 7%	
	421,857			6 "leak occurred on May 5th along 1 at a customer curb stop while replacing the water meter"
Juli-23 3	357,350		16,702 59	, , , , ,
	402,615	462,615	24,479 59	
			34,665 69	
	547,915	564,571		6 Leak on 2in PVC main fixed on 9/27
Oct-23 4	547,915	451,287	98,046 229	6 Leak on 2in PVC main fixed on 11/13
Nov-23 3	547,915 564,571	389,000		Leak on 2in PVC main fixed on 11/13
	547,915 564,571 451,287		12,345 49	
	547,915 564,571 451,287 389,000			6 Leak on 2in PVC curbstop - 15,000 gallons
	547,915 564,571 451,287 389,000 321,942			, , ,
	547,915 564,571 451,287 389,000 321,942 317,517		41,399 9%	
Mar-24 4	547,915 564,571 451,287 389,000 321,942 317,517 460,293	448.958	35,748 89	6 Leak on 2in PVC main fixed on 4/7
	547,915 564,571 451,287 389,000 321,942 317,517	,		
	547,915 564,571 451,287 389,000 321,942 317,517 460,293	,		Notes: I believe the 2019 numbers are not a accurate representation of loss numbers.

I believe they have absolutely everything they need to begin making recommendations. I have been emailing them several times a week to check in and

keep us on the priority list. I hope to have tangible results to share with you at the next meeting.

#### Truck:

The Ranger has been returned to us after getting the transmission rebuilt. I have not been able to locate a suitable truck that meets all our desired criteria at an affordable price. I have emailed and called over 30 local dealers as well as searched online in a 500-mile radius. Perhaps a newer truck can be budgeted into next year's budget, or we shelve the plans for now, and continue to use the Ranger to the best of its ability. Although I do find its long-term reliability questionable, and the value we could receive back from selling it will continue to diminish. I will continue to search for a used truck that meets our criteria at an affordable price and hope that the market improves or a good deal appears.

## Questions?