

# NORTH BEACH WATER DISTRICT

## GENERAL MANAGERS REPORT

For May Meeting - 2023

### Well Field Output

<u>April 1, 2023</u>	to	<u>April 30, 2023</u>	NWF Master Meter:	<u>4.3195</u>	mg
			SWF Master Meter:	<u>3.8535</u>	mg
			<b>Total Pumped to Plant:</b>	<b><u>8.1730</u></b>	<b>MG</b>

### March Water Plant Production

<u>March 1, 2023</u>	to	<u>March 31, 2023</u>	NWF Master Meter:	<u>5.7681</u>	mg
			SWF Master Meter:	<u>4.2216</u>	mg
			Accounted for Water:	<u>2.0294</u>	MG
			<b>Total Water Pumped:</b>	<b><u>9.9897</u></b>	<b>MG</b>

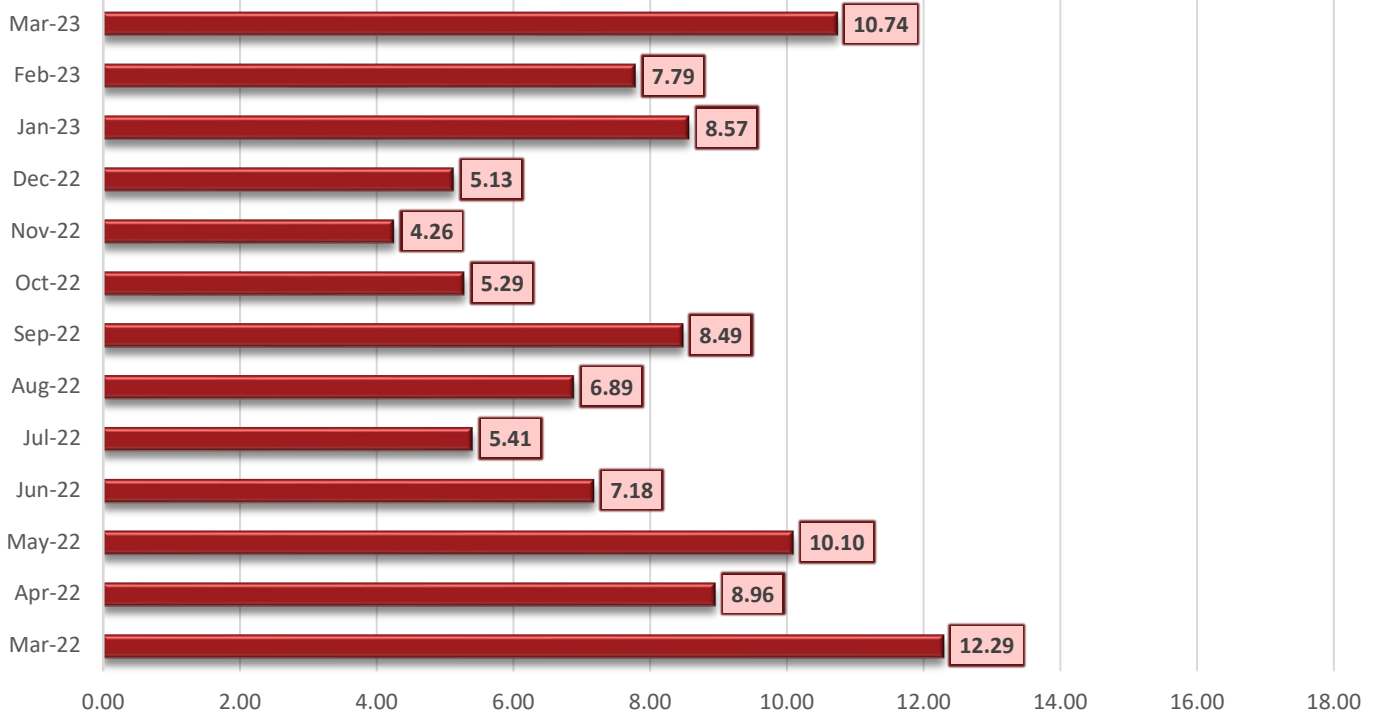
### Metering Period

<u>March 1, 2023</u>	to	<u>March 31, 2023</u>	<b>Total Water Sold :</b>	<b><u>7.1055</u></b>	<b>MG</b>
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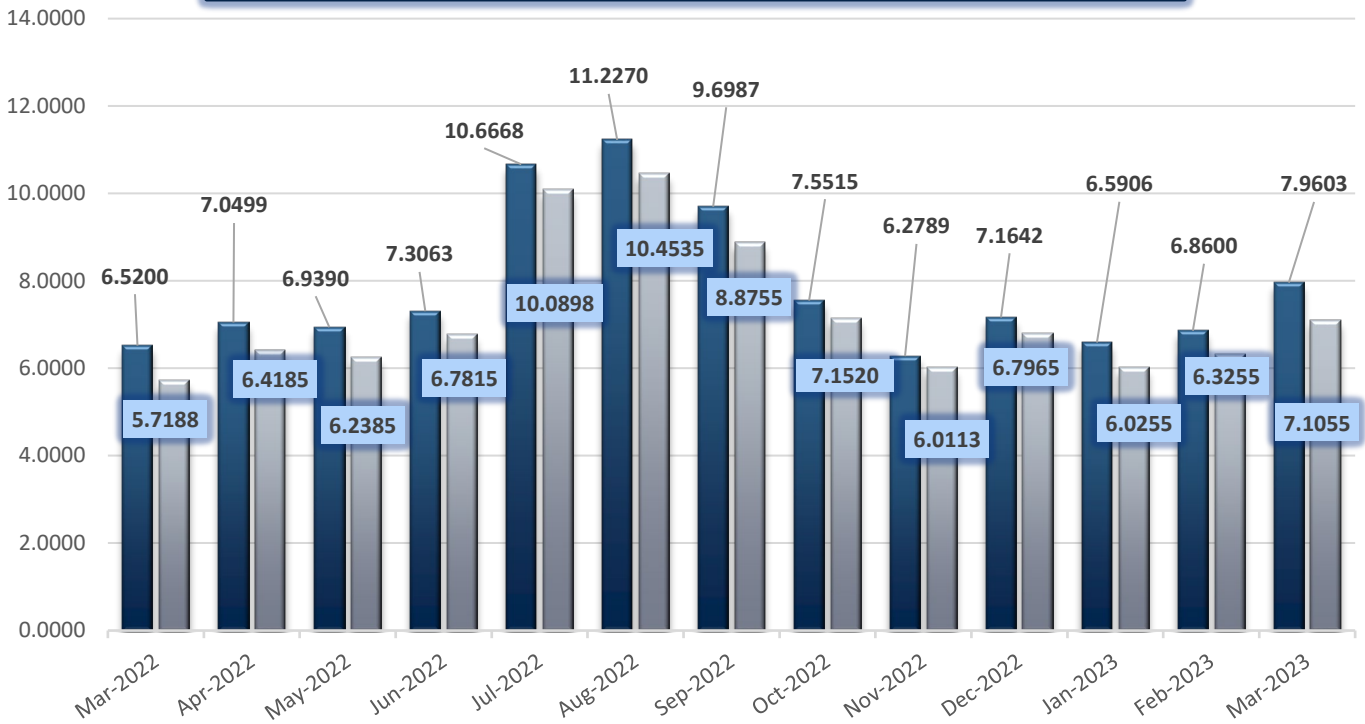
### March's Accounted for Water:

	NWF Backwash :	<u>0.2864</u>	mg
	SWF Backwash :	<u>0.7021</u>	mg
Distribution Flushing, Fire Dept, Pac Co & Waterline Leak Repair's:		<u>0.9242</u>	mg
	NBWD use NWF & SWF:	<u>0.1167</u>	mg
	<b>Total Accounted for Water:</b>	<b><u>2.0294</u></b>	<b>MG</b>
	<b>Total Water Treated :</b>	<b><u>9.9897</u></b>	<b>MG</b>
	<b>Accounted for Water Used :</b>	<b><u>2.0294</u></b>	<b>MG</b>
	<b>Water Sent to Distribution :</b>	<b><u>7.9603</u></b>	<b>MG</b>
	<b>Water Sold :</b>	<b><u>7.1055</u></b>	<b>MG</b>
	<b>Distribution Leakage :</b>	<b><u>0.8548</u></b>	<b>MG</b>
	<b>Percent of Unaccounted for Water :</b>	<b>10.74</b>	<b>%</b>

### DSL - Percentage of Lost Water



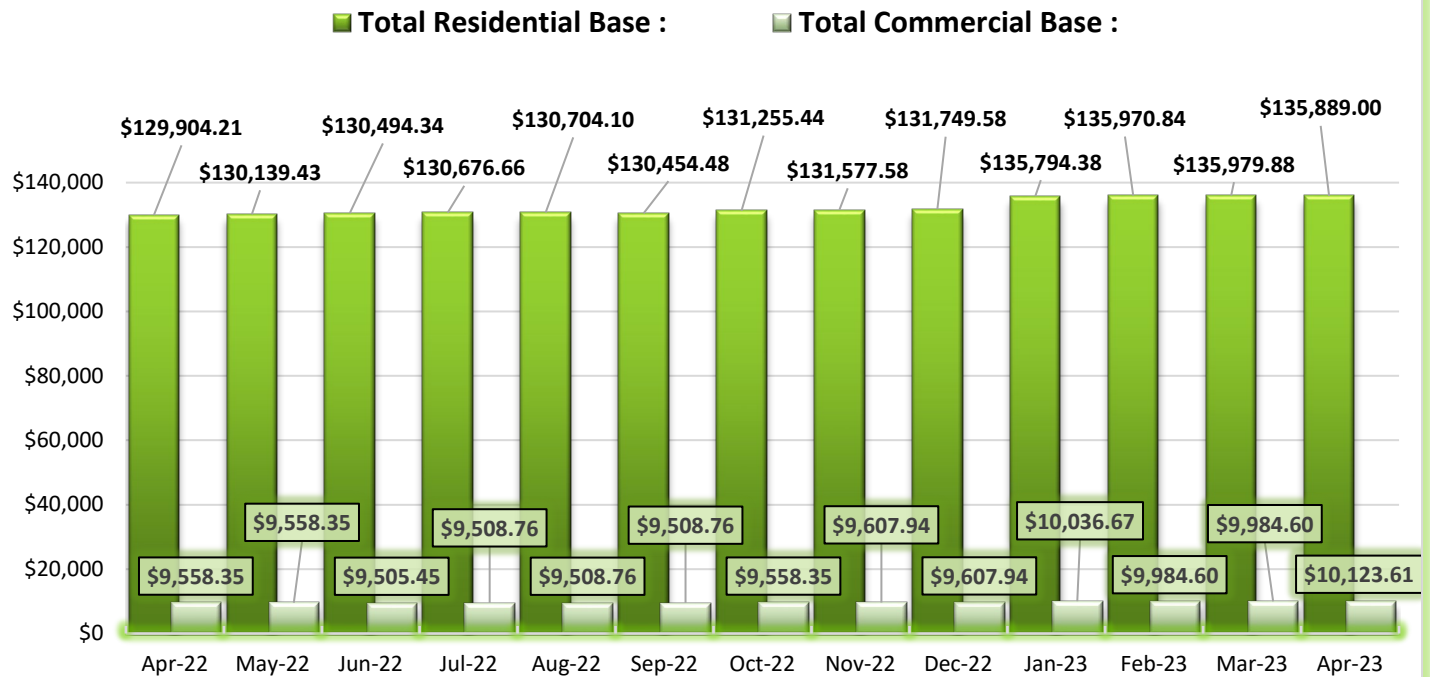
### Water sent to Distribution MG vs Total sold MG



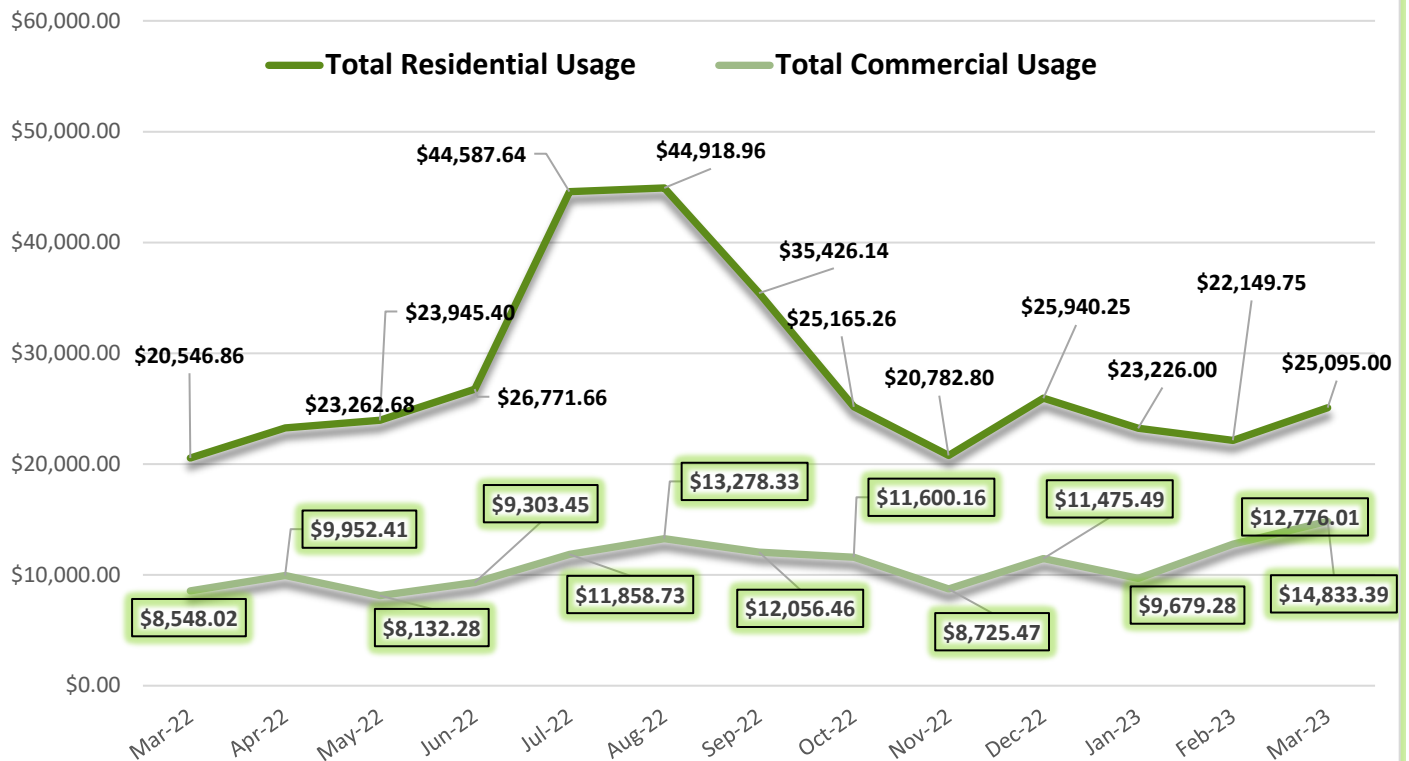
Data Period	April 1st-30th, 2023		Booster System Data	
	North Wellfield Booster High GPM :	363		<i>gpm</i>
	North Wellfield Booster Average GPM :	100		<i>gpm</i>
	North Wellfield High psi:	62		<i>psi</i>
	North Wellfield Average psi:	57		<i>psi</i>
	Total MG Booster pumped to Distribution at NWF:	4.3270		<i>MG</i>
	Total MG Booster pumped to Distribution at SWF:	3.4229		<i>MG</i>
	Total Booster Pumped to Distribution :	7.7499		<i>MG</i>
	South Wellfield Booster High gpm:	1,328		<i>gpm</i>
	South Wellfield Booster Average gpm:	83		<i>gpm</i>
	South Wellfield Booster High psi:	63		<i>psi</i>
	South Wellfield Booster Average psi:	58		<i>psi</i>
	245th Distribution Pressure Readings :			
		Highest	65	<i>psi</i>
		Lowest	32	<i>psi</i>
		Average	58	<i>psi</i>

Data Period		Accounts Data		
April 1 - 30, 2023		Residential Base	\$135,889.00	\$
March 1 - 31, 2023		Residential Usage	\$25,095.00	\$
April 1 - 30, 2023		Commercial Base	\$10,123.61	\$
March 1 - 31, 2022		Commercial Usage	\$14,833.39	\$
Residential Accounts	2,763	<i>ea</i>	Fire Flow Rate	\$1,282.52
Commercial Accounts	101	<i>ea</i>	Backflow Assembly Rate	\$530.80
Fire Flow Accounts	4	<i>ea</i>	Other Fees & Charges	\$560.00
Backflow Accounts	40	<i>ea</i>	Total:	\$188,314.32

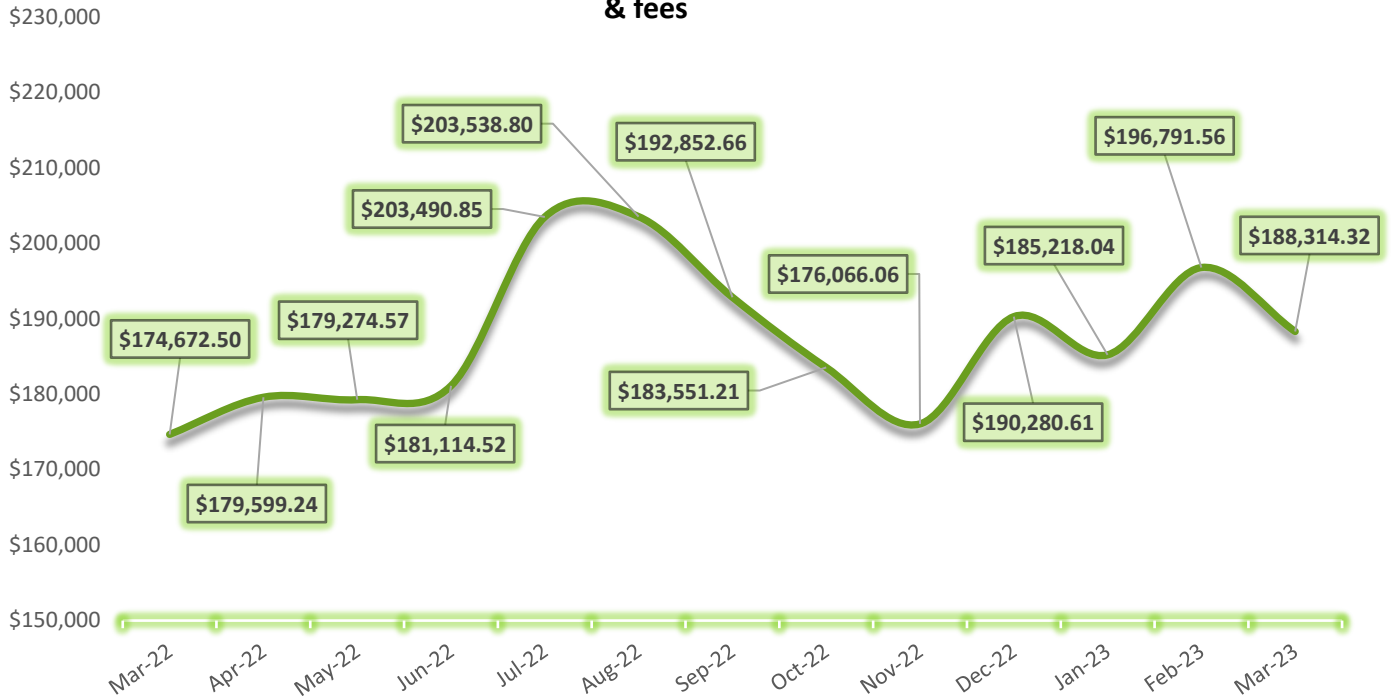
## Residential & Commercial Base



## Residential & Commercial Usage

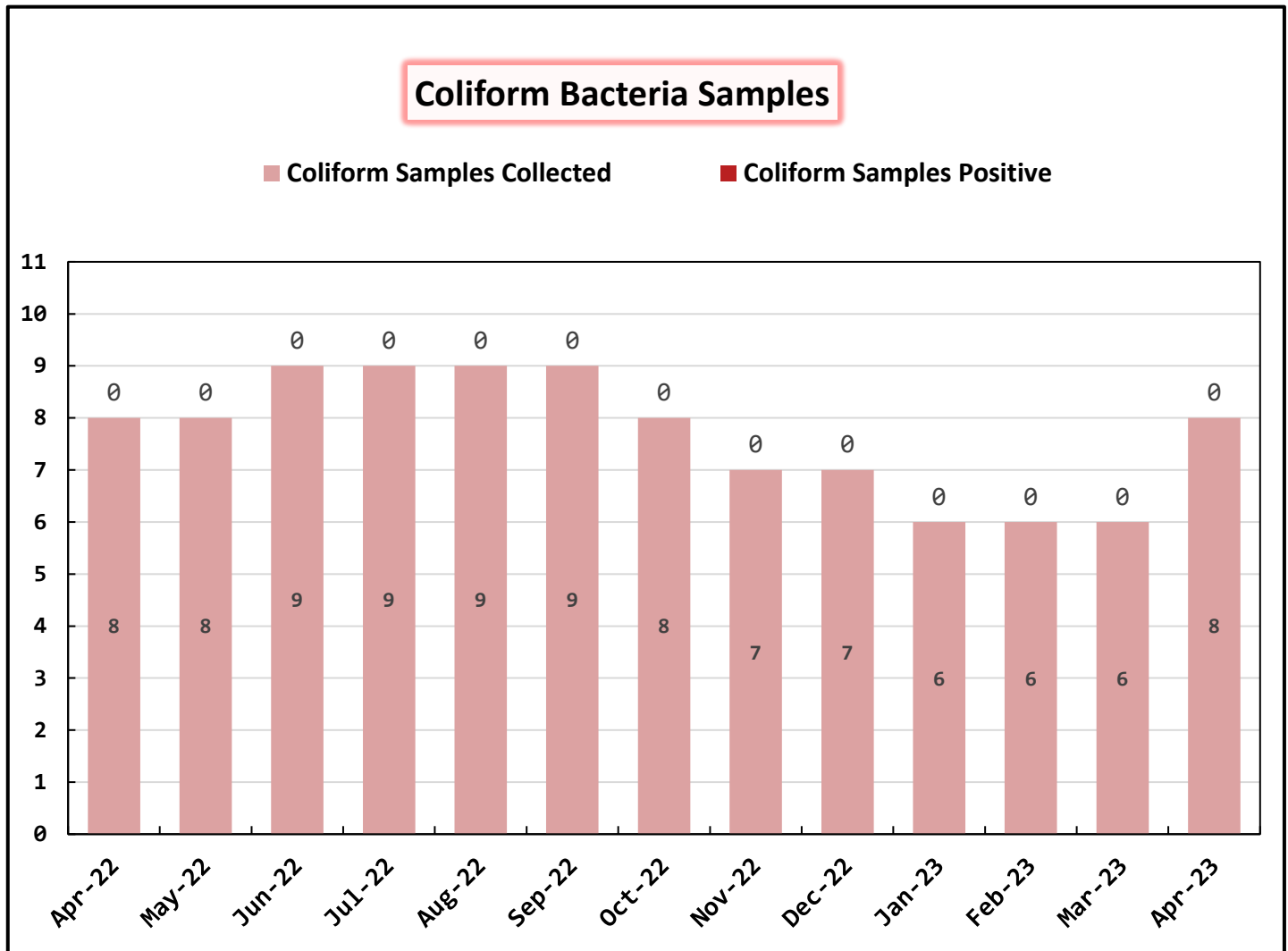


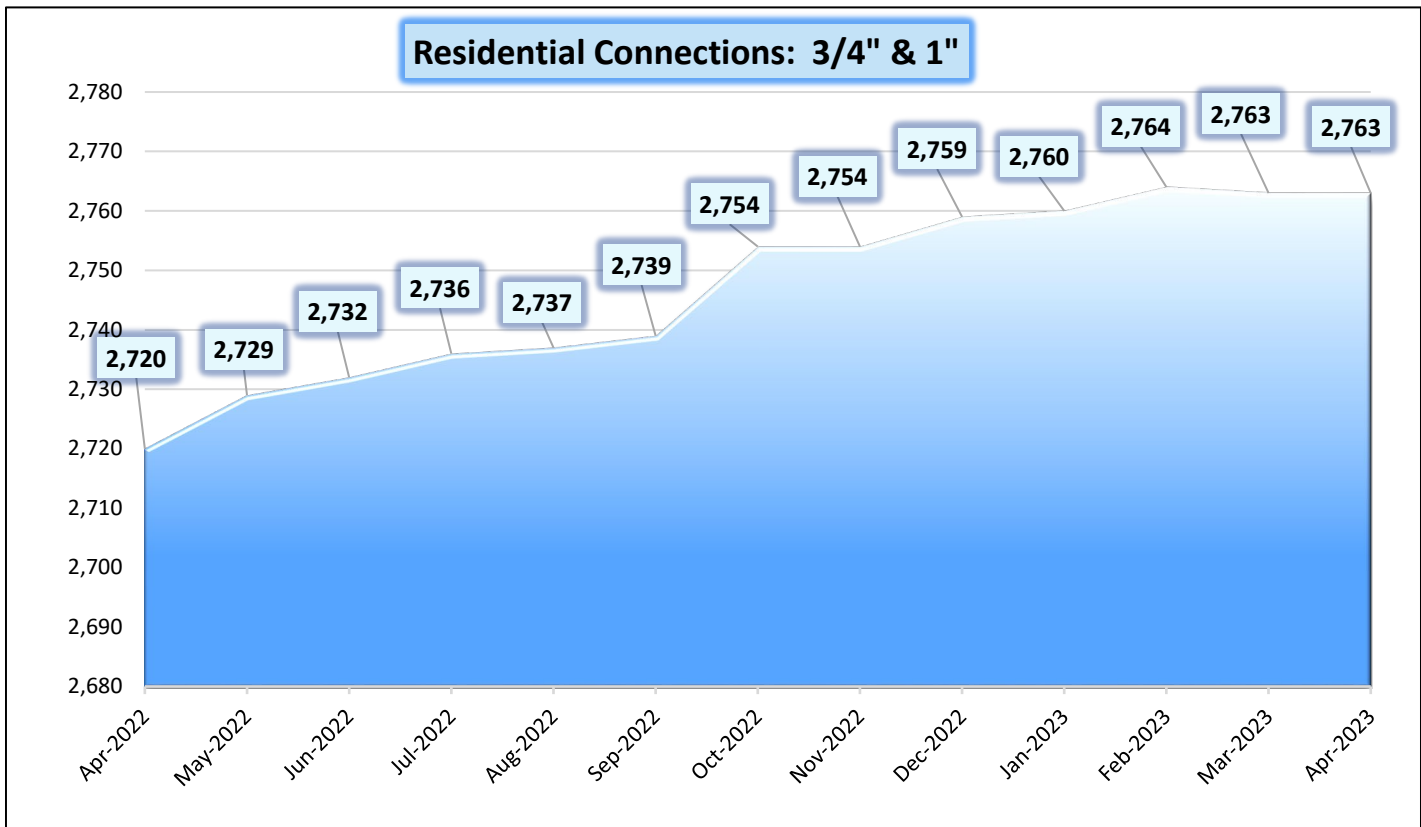
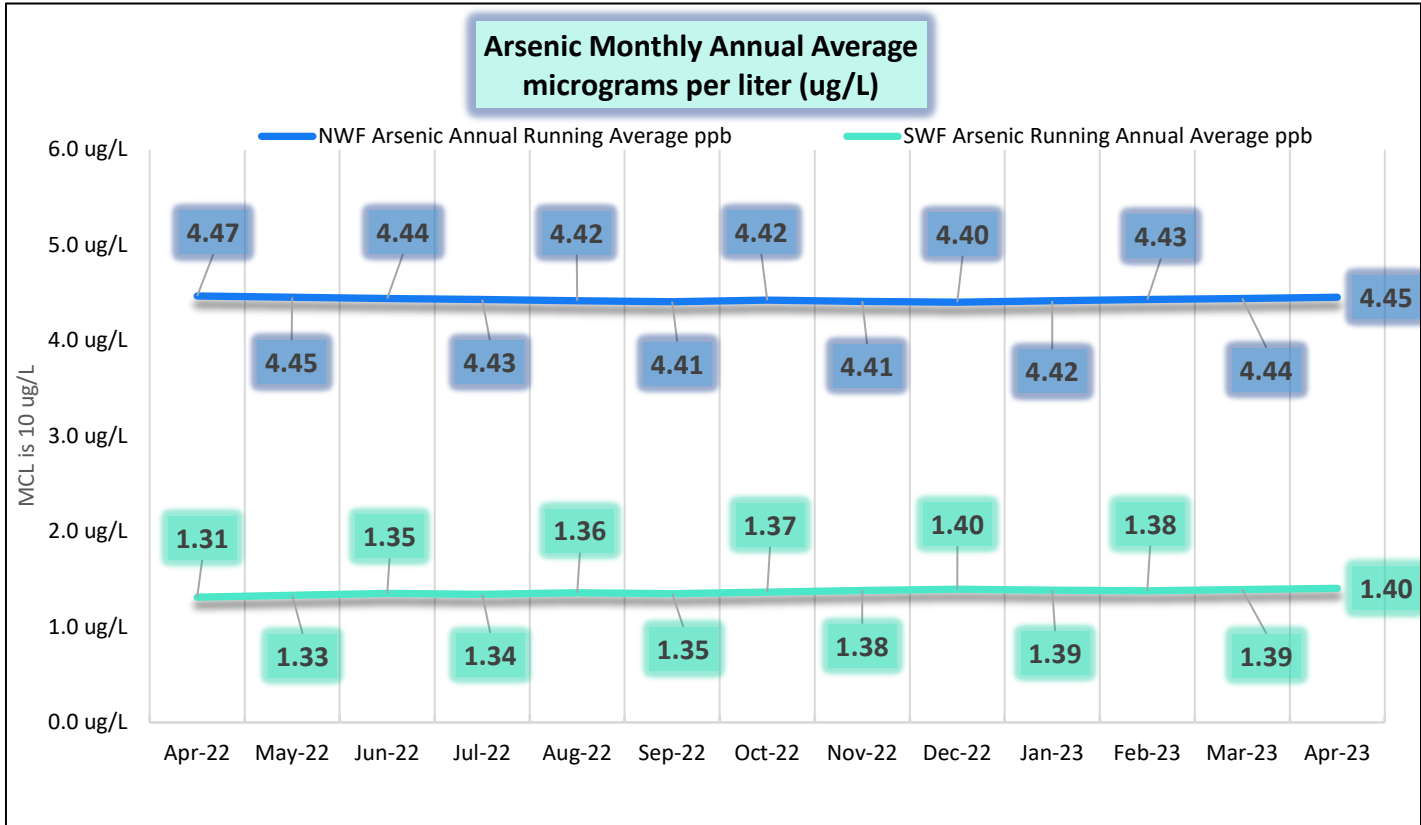
**Backflow, Residential & Commercial Base & Usage, Fireflow,  
& fees**



Data Period	April 1 - 30, 2023			Operations Data
	Past Due Accounts	204	<u>ea</u>	
	Properties with Liens	21	<u>ea</u>	
	Accounts Locked Off	6	<u>ea</u>	
	Water Main Locates	35	<u>ea</u>	
	Water Quality Complaints	0	<u>ea</u>	
	Customer Service Calls	35	<u>ea</u>	
	Customer Valves Installed	0	<u>ea</u>	
	New Services Installed	0	<u>ea</u>	
	NBWD Office & Grounds Water Use:	<u><u>0.1167</u></u>	<u>MG</u>	

Data Period	April 1 - 30, 2023		Water Quality Data	
	Coliform Samples Collected	8	<i>ea</i>	
	Coliform Samples Absent	8	<i>ea</i>	
	Coliform Samples Positive	0	<i>ea</i>	
	Coliform Sample Positive E.coli	0	<i>ea</i>	
	NWF Arsenic	5.00	<i>ug/L</i>	
	SWF Arsenic	2.00	<i>ug/L</i>	
	NWF Arsenic Annual Running Average	4.45	<i>ug/L</i>	
	SWF Arsenic Running Annual Average	1.40	<i>ug/L</i>	





# General Manager's Report April 2023

- H2O Diving Solutions was here on April 26<sup>th</sup> and cleaned all 4 storage reservoirs. Each tank had ¼" of sediment. Galvanized steel ladders and couplings looked in good shape. No pitting or excessive rusting. Tanks are in a 3-year rotation to be cleaned.
- Ford Electric was here to replace all exterior lighting with LED's. We had quite a few out and it took a while to get the hardware. Come to find out that the ballast in a couple of the lights were really putting out the heat. Burn markings were noticed by the electricians. Glad we had them removed.
- The crew worked on 273<sup>rd</sup> line replacement. This project was completed on Wednesday May 17<sup>th</sup>. There were no issues with any of the businesses having a lack of water. Replaced two valves at Z Street, now we will be able to isolate smaller areas in that specific area. Still, lots of work to do replacing and installing 2" valves. Also cut in access off U Street to our easement.
- Emily and Joshua met with Tonya who is our GIS representative. I had them check out new equipment so our GIS can be used for locating. With this we can get within 4" of the mainlines. Proof was in using the device and then digging to verify. Both were impressed with the accuracy.
- Replaced pump 1 at the South Booster Station and pump 2 is on its way here. The supplier is Pump Tech.
- Generator maintenance is scheduled for June 7<sup>th</sup> and 8<sup>th</sup>. Peterson Power is doing the work. Ford electric has been scheduled to be here to wire in leads for load testing.



- Paint was delivered for painting hydrants. I am going to have the crew weed eat around them and wash and paint them. They get checked and rated when we do hydrant flushing. We have 12 that need new top bushings, the majority need mineral oil added as well.

- We did obtain a message sign from United Rental. Jon and Austin put it through the paces before we purchased it. Works great. We will advertise before the next hydrant flushing, which is scheduled for September 11<sup>th</sup>, 2023.

Next intervals are as follows.

2024 - March 4<sup>th</sup> - 15<sup>th</sup> and September 9<sup>th</sup> – 20<sup>th</sup>.

2025 - March 10<sup>th</sup> -21<sup>st</sup> and September 8<sup>th</sup> – 19<sup>th</sup>.

- Water system testing. Nitrate testing was conducted at the North Treatment plant. No exceedance found in the testing.
- The last thing I would like to say is John Bell did an awesome job with the office and property dealings. Office staff pulled together and kept things running smoothly. The Crew did everything and more while I was gone.

## April Work Orders

Read/Leave On	7
Turn Off/Lock – Customer Request	7
Turn Off/Lock – Non-Payment	6
Interrogate Meter	10
Locates	35
Unlock/Turn On	5
Test Backflow	3
Miscellaneous	4
Replace Meter Box	0
Low Pressure	0
Check Customer Valves	0
Dirty Water Complaints	0
Replace Meter	1
Install New Service	0
Assist Customer	3
Check For Leak	7
Re-Read Meter	0
Install Customer Control Valve	0
<b>Total</b>	<b>80</b>