

NORTH BEACH WATER DISTRICT

GENERAL MANAGERS REPORT

December Meeting - 2023

Well Field Output

<u>November 1, 2023</u>	to	<u>November 30, 2023</u>	NWF Master Meter:	<u>7.7347</u>	mg
			SWF Master Meter:	<u>0.0408</u>	mg
			Total Pumped to Plant:	<u>7.7755</u>	MG

Water Plant Production

<u>October 1, 2023</u>	to	<u>October 31, 2023</u>	NWF Master Meter:	<u>6.7705</u>	mg
			SWF Master Meter:	<u>3.3353</u>	mg
			Accounted for Water:	<u>3.3918</u>	MG
			Total Water Pumped:	<u>10.1058</u>	MG

Metering Period

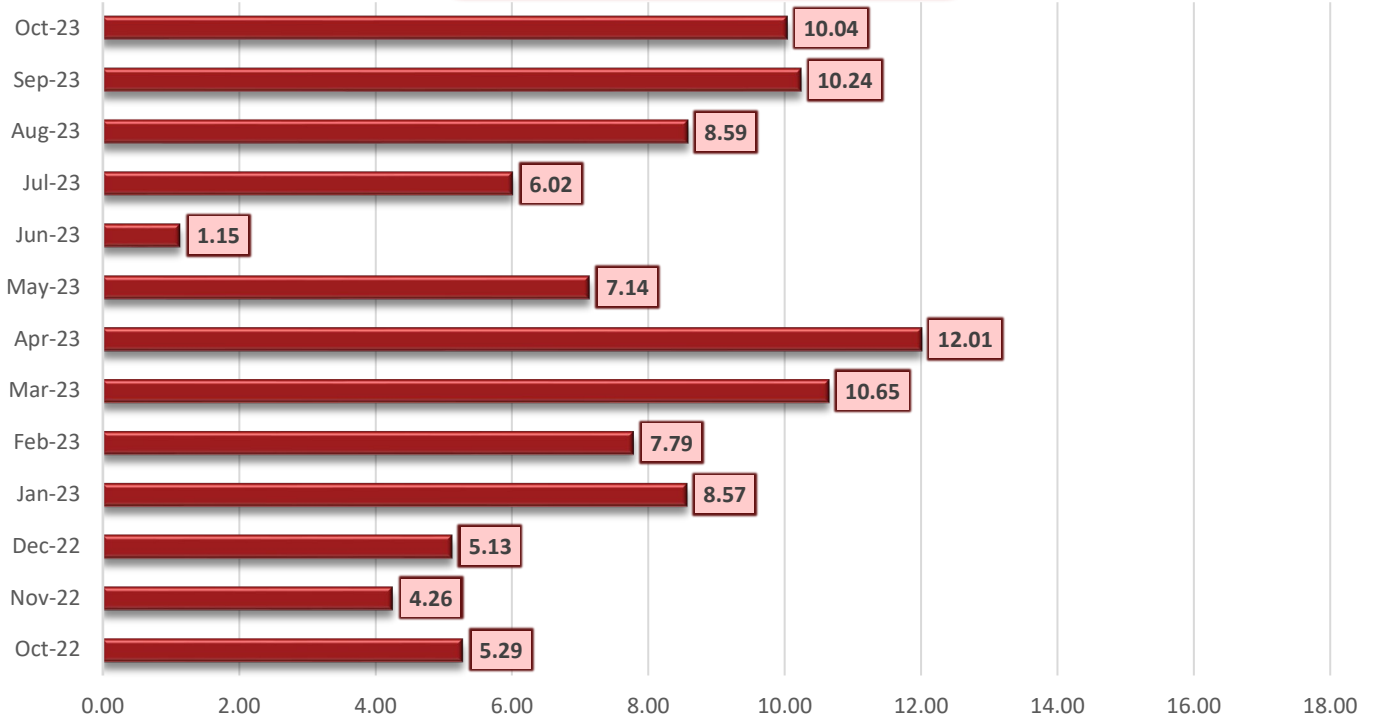
<u>October 1, 2023</u>	to	<u>October 31, 2023</u>	Total Water Sold :	<u>6.0398</u>	MG
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October's Accounted for Water:

	NWF Backwash :	<u>0.3509</u>	mg
	SWF Backwash :	<u>0.3175</u>	mg
Distribution Flushing, Fire Dept, Pac Co & Waterline Leak Repair's:		<u>2.6770</u>	mg
	NBWD use NWF & SWF:	<u>0.0464</u>	mg
	Total Accounted for Water:	<u>3.3918</u>	MG

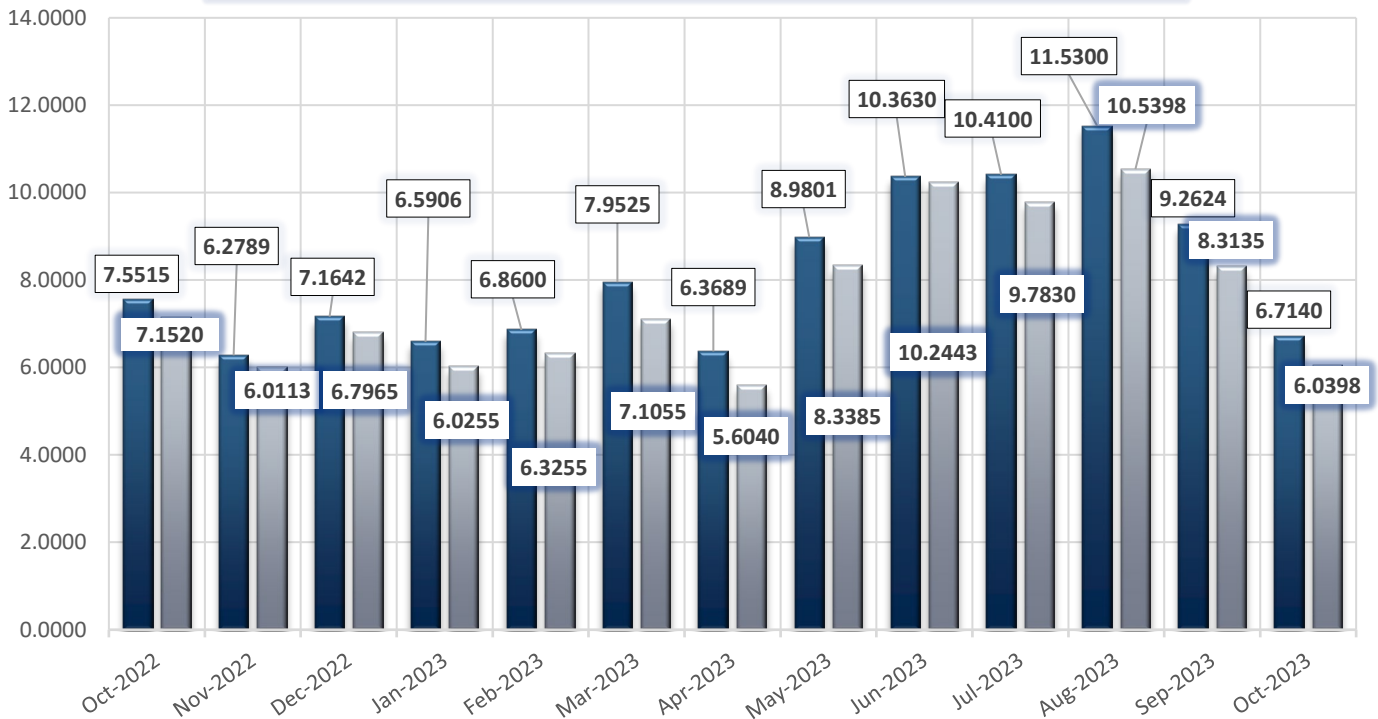
Total Water Treated :	<u>10.1058</u>	MG
Accounted for Water Used :	<u>3.3918</u>	MG
Water Sent to Distribution :	<u>6.7140</u>	MG
Water Sold :	<u>6.0398</u>	MG
Distribution Leakage :	<u>0.6742</u>	MG
Percent of Unaccounted for Water :	<u>10.04</u>	%

DSL - Percentage of Lost Water



■ Water sent to Distribution MG

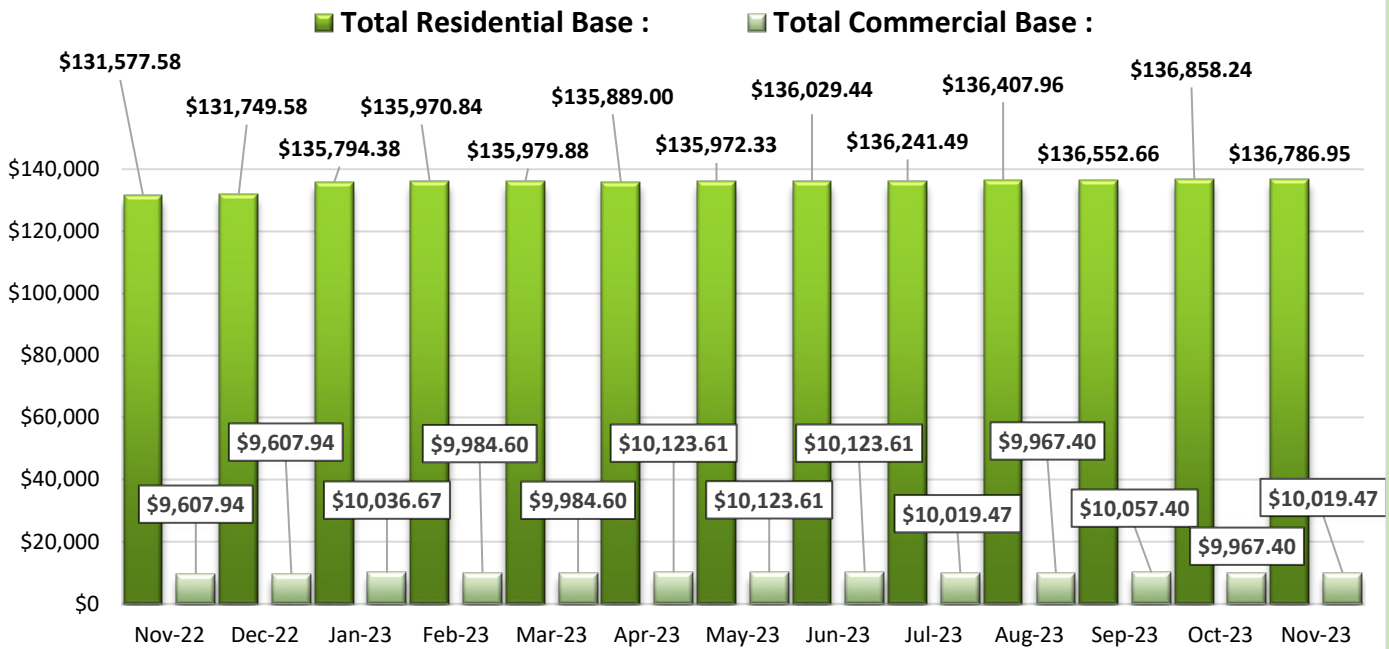
■ Total sold MG:



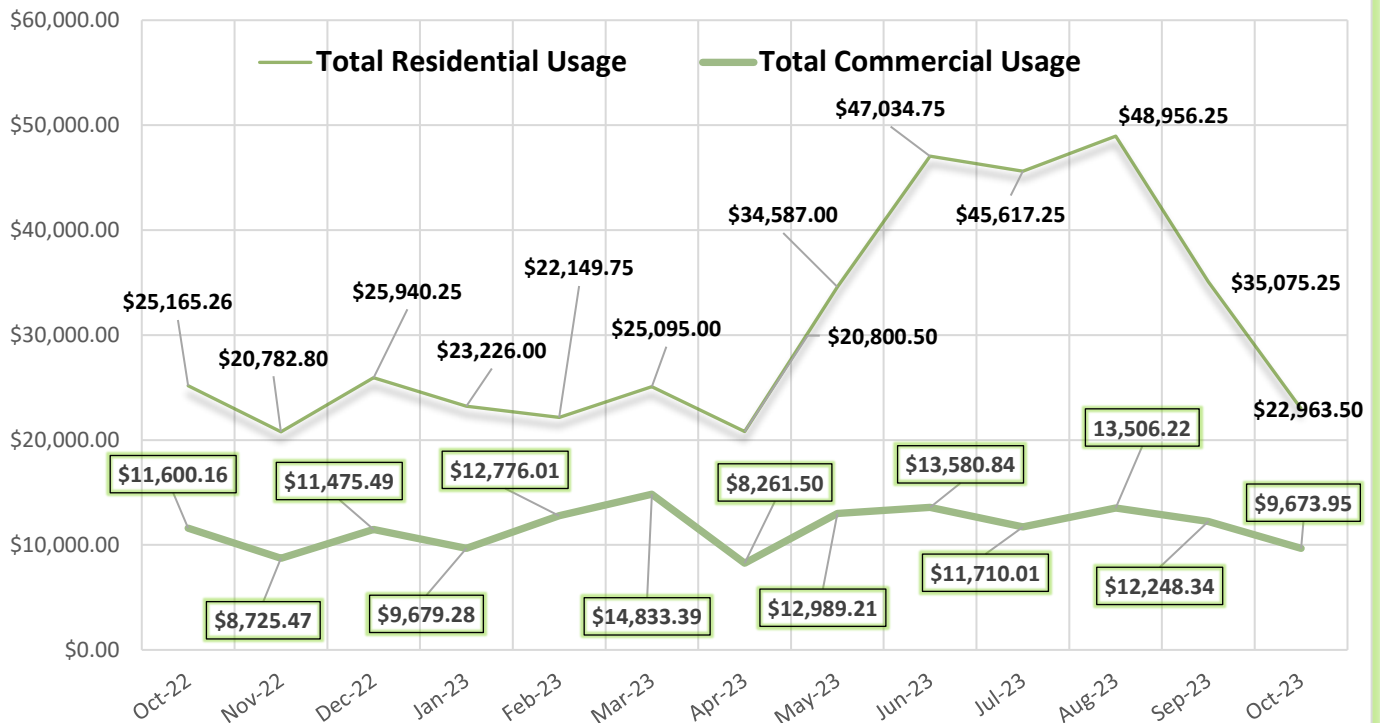
Data Period	November 1-30, 2023	Booster System Data		
North Wellfield Booster High GPM :		776	gpm	
North Wellfield Booster Average GPM :		167	gpm	
North Wellfield High psi:		66	psi	
North Wellfield Average psi:		56	psi	
Total MG Booster pumped to Distribution at NWF:		3.0268	MG	
Total MG Booster pumped to Distribution at SWF:		4.2108	MG	
Total Booster Pumped to Distribution :		7.2376	MG	
South Wellfield Booster High gpm:		605	gpm	
South Wellfield Booster Average gpm:		77	gpm	
South Wellfield Booster High psi:		76	psi	
South Wellfield Booster Average psi:		55	psi	
245th Distribution Pressure Readings :				
Highest		67	psi	
Lowest		41	psi	
Average		57	psi	

Data Period			Accounts Data		
November 1 - 30, 2023			Residential Base	\$136,786.95	\$
October 1 - 31, 2023			Residential Usage	\$22,963.50	\$
November 1 - 30, 2023			Commercial Base	\$10,019.47	\$
October 1 - 31, 2023			Commercial Usage	\$9,673.95	\$
Residential Accounts	2,781	<i>ea</i>	Fire Flow Rate	\$1,282.52	\$
Commercial Accounts	99	<i>ea</i>	Backflow Assembly Rate	\$448.70	\$
Fire Flow Accounts	4	<i>ea</i>	Other Fees & Charges	\$4,606.00	\$
Backflow Accounts	41	<i>ea</i>	Total:	\$185,781.09	\$

Residential & Commercial Base



Residential & Commercial Usage



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



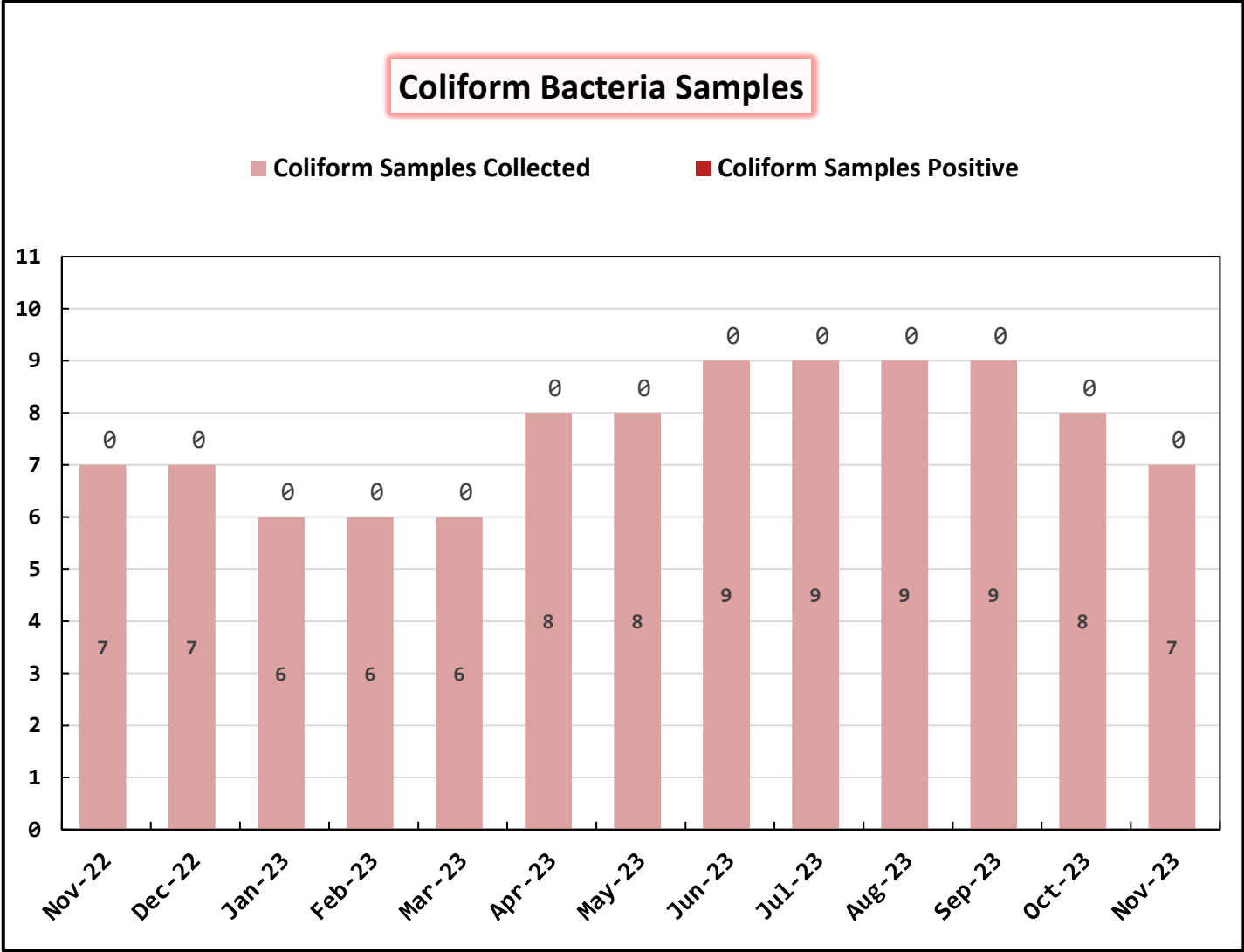
Data Period

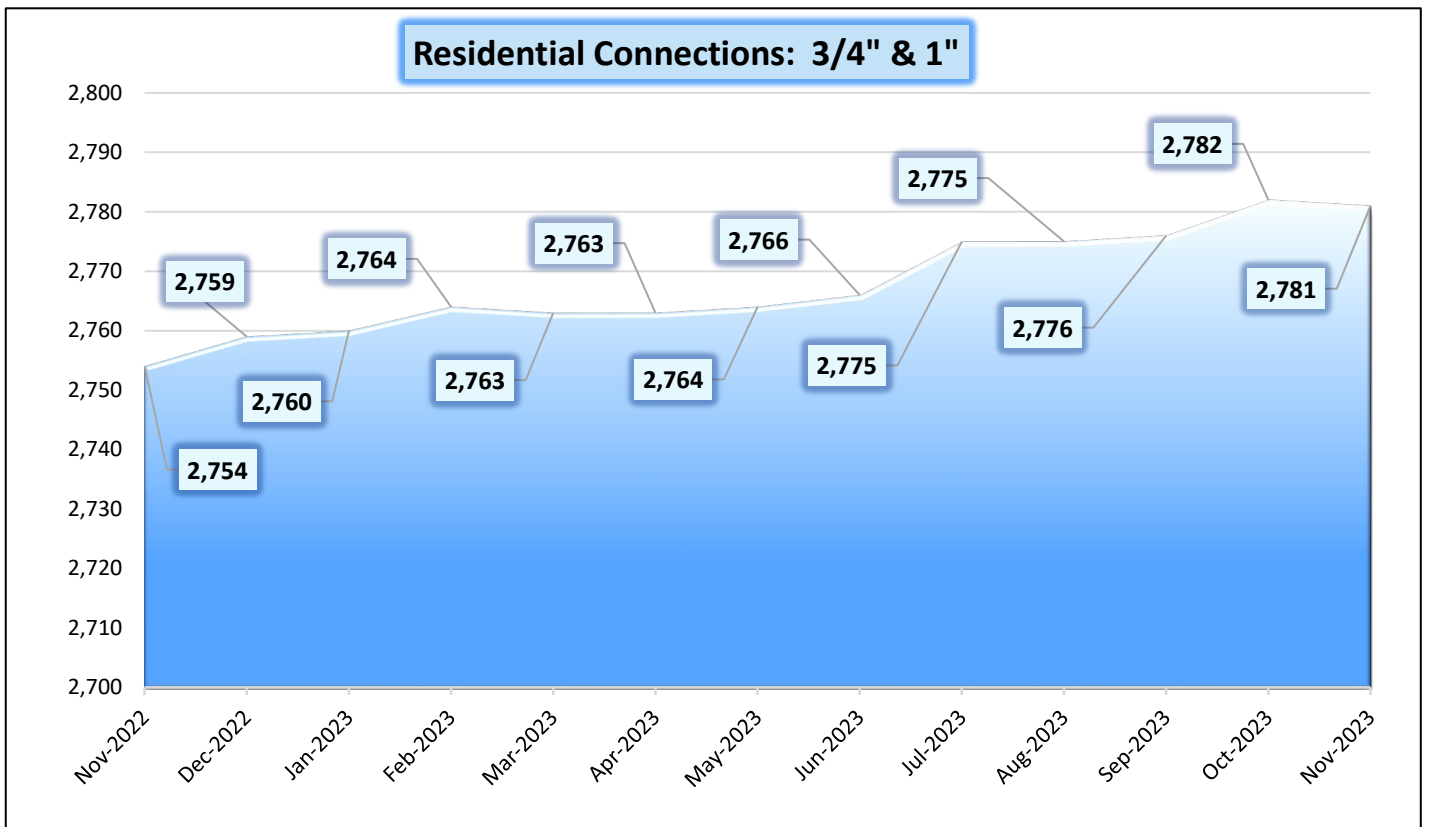
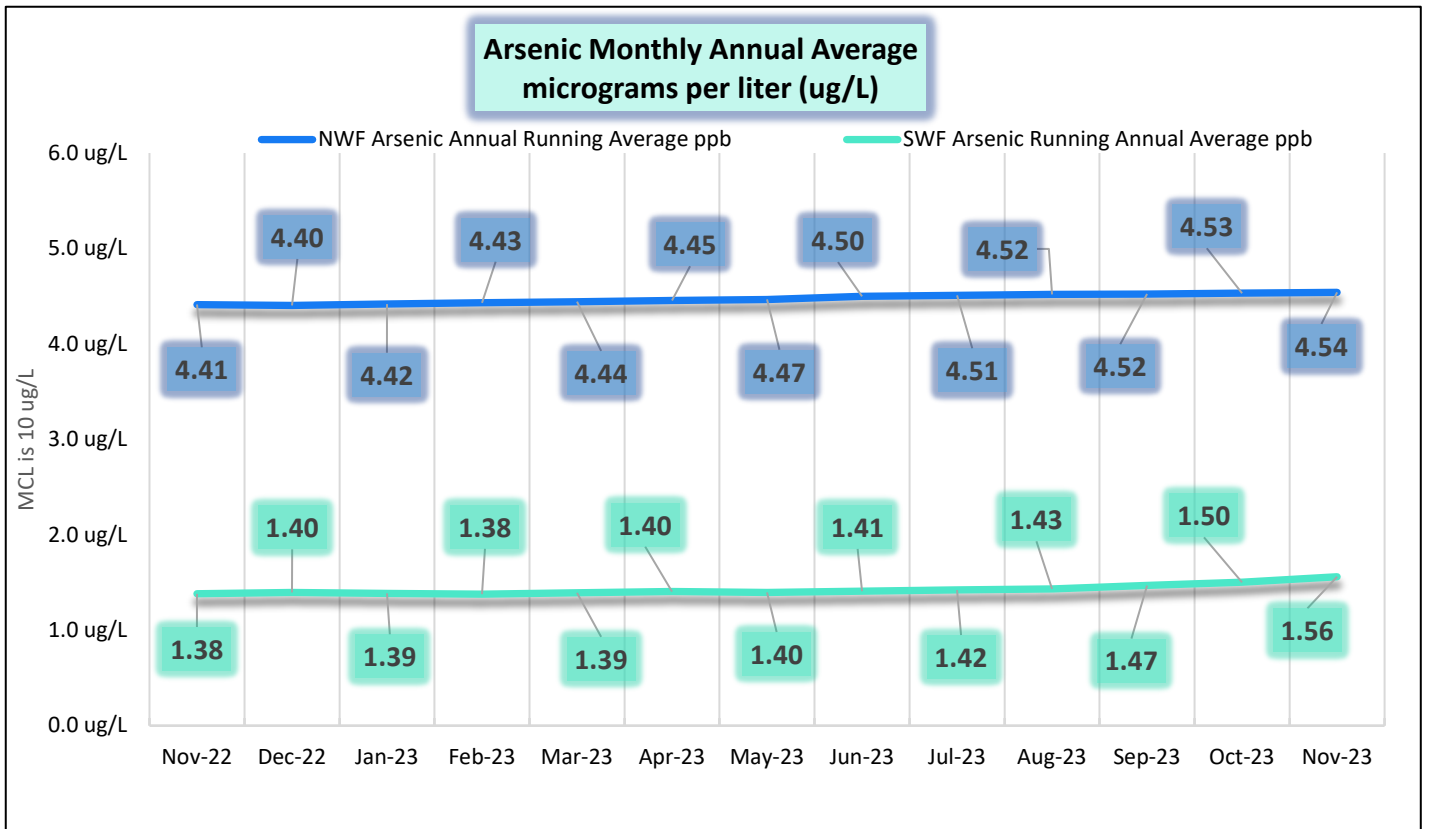
November 1 - 30, 2023

Operations Data

Past Due Accounts	230	ea
Properties with Liens	22	ea
Accounts Locked Off	6	ea
Water Main Locates	18	ea
Water Quality Complaints	2	ea
Customer Service Calls	68	ea
Customer Valves Installed	5	ea
New Services Installed	0	ea
NBWD Office & Grounds Water Use:	<u>0.0464</u>	MG

Data Period	November 1 - 30, 2023		Water Quality Data	
	Coliform Samples Collected	7		<i>ea</i>
	Coliform Samples Absent	7		<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	4.00		<i>ug/L</i>
	NWF Arsenic Annual Running Average	4.54		<i>ug/L</i>
	SWF Arsenic Running Annual Average	1.56		<i>ug/L</i>





General Managers' Report December 2023

- Crew finished installing all valving at the South Water Treatment Facility.
- Started a maintenance program with all equipment that is used in the field anytime we start and run them to make sure that everything is in working order. This will happen every Friday.
- Had our attorney send in legal documents to the 3M & Dupont Companies stating that we will not join the lawsuit but will continue to monitor yearly for PFAS.
- Continued communications with Department of Health as well as Gray & Osborne about the Lead and Copper rule.
- Gray & Osborne has sent in media specifications for my review and I am liking what I have read. We will be testing three medias for there efficiency to remove the inorganic material with the lowest impact to the facility.
- Water system plan update. Gray & Osborne have been busy with a hydraulic profile of our system. Data collected is being sent to them for that purpose.
- The new pump for the North Booster Pump Station will be here Wednesday January 17th, 2024.
 - Gauges have been installed on the discharge and suction side of the pumps to take daily readings. We take that data and by calculating these we know where we are on the pump curve in gpm. This is a very useful tool, which in turn shows wear or any problems that may be starting.

November Work Orders

Read/Leave On	10
Turn Off/Lock – Customer Request	9
Turn Off/Lock – Non-Payment	6
Interrogate Meter	8
Locates	18
Unlock/Turn On	14
Test Backflow	1
Miscellaneous	3
Replace Meter Box	0
Low Pressure	2
Check Customer Valves	2
Dirty Water Complaints	2
Replace Meter	10
Install New Service	0
Assist Customer	3
Check For Leak	5
Re-Read Meter	0
Install Customer Control Valve	6
Total	99