

NORTH BEACH WATER DISTRICT

GENERAL MANAGERS REPORT

For August Meeting - 2023

Well Field Output

<u>July 1, 2023</u>	to	<u>July 31, 2023</u>	NWF Master Meter:	<u>8.4556</u>	mg
			SWF Master Meter:	<u>5.4826</u>	mg
			Total Pumped to Plants:	<u>13.9382</u>	MG

June Water Plant Production

<u>June 1, 2023</u>	to	<u>June 30, 2023</u>	NWF Master Meter:	<u>7.2828</u>	mg
			SWF Master Meter:	<u>4.8723</u>	mg
			Accounted for Water:	<u>1.7921</u>	MG
			Total Water Pumped:	<u>12.1551</u>	MG

Metering Period

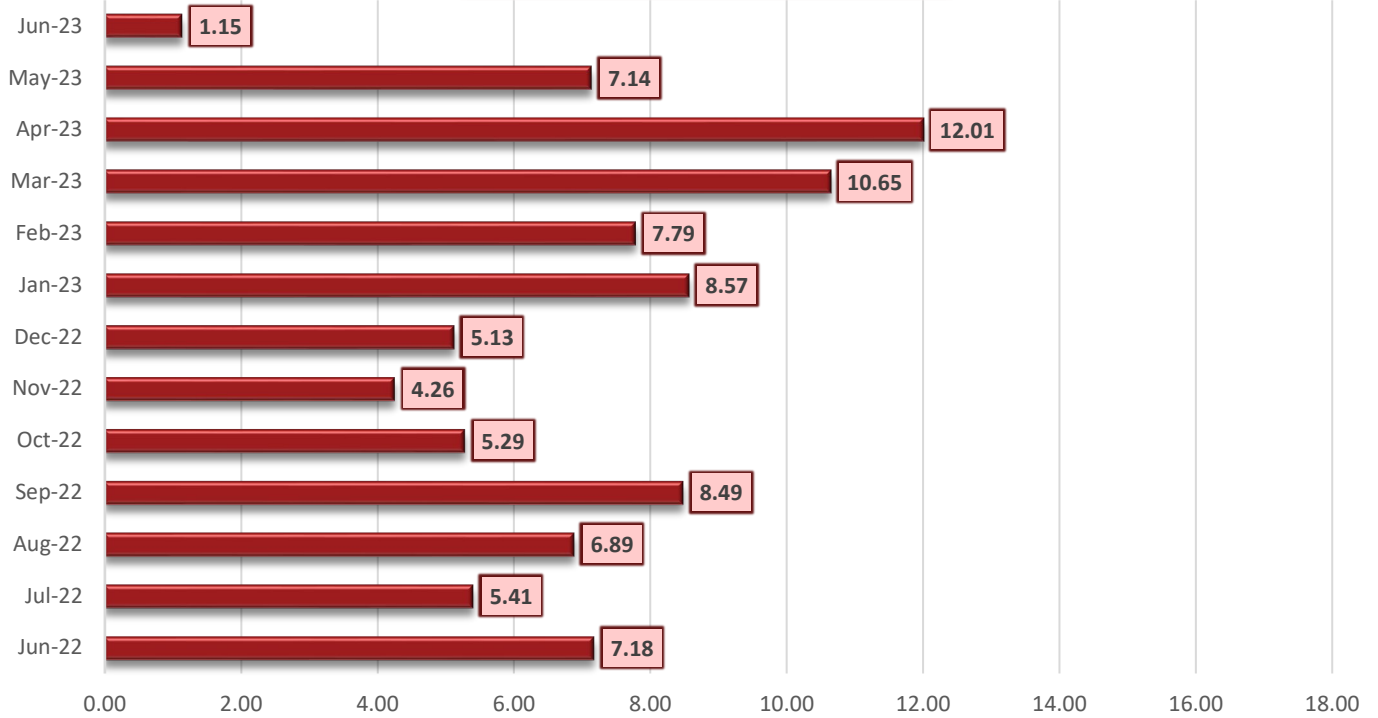
<u>June 1, 2023</u>	to	<u>June 30, 2023</u>	Total Water Sold :	<u>10.2443</u>	MG
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June's Accounted for Water:

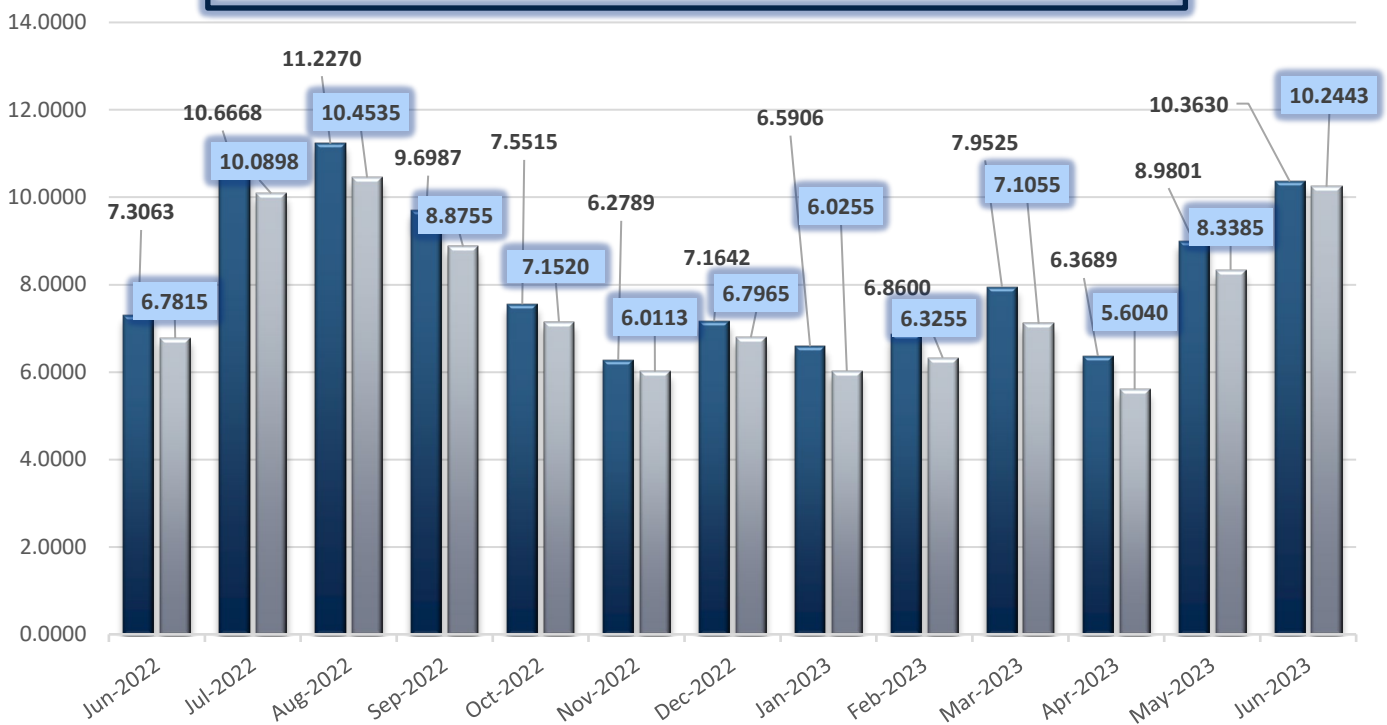
	NWF Backwash :	<u>0.4004</u>	mg
	SWF Backwash :	<u>0.9554</u>	mg
Distribution Flushing, Fire Dept, Pac Co & Waterline Leak Repair's:		<u>0.3712</u>	mg
	NBWD use NWF & SWF:	<u>0.0651</u>	mg
	Total Accounted for Water:	<u>1.7921</u>	MG

	Total Water Treated :	<u>12.1551</u>	MG
	Accounted for Water Used :	<u>1.7921</u>	MG
	Water Sent to Distribution :	<u>10.3630</u>	MG
	Water Sold :	<u>10.2443</u>	MG
	Distribution Leakage :	<u>0.1187</u>	MG
	Percent of Unaccounted for Water :	1.15	%

DSL - Percentage of Lost Water



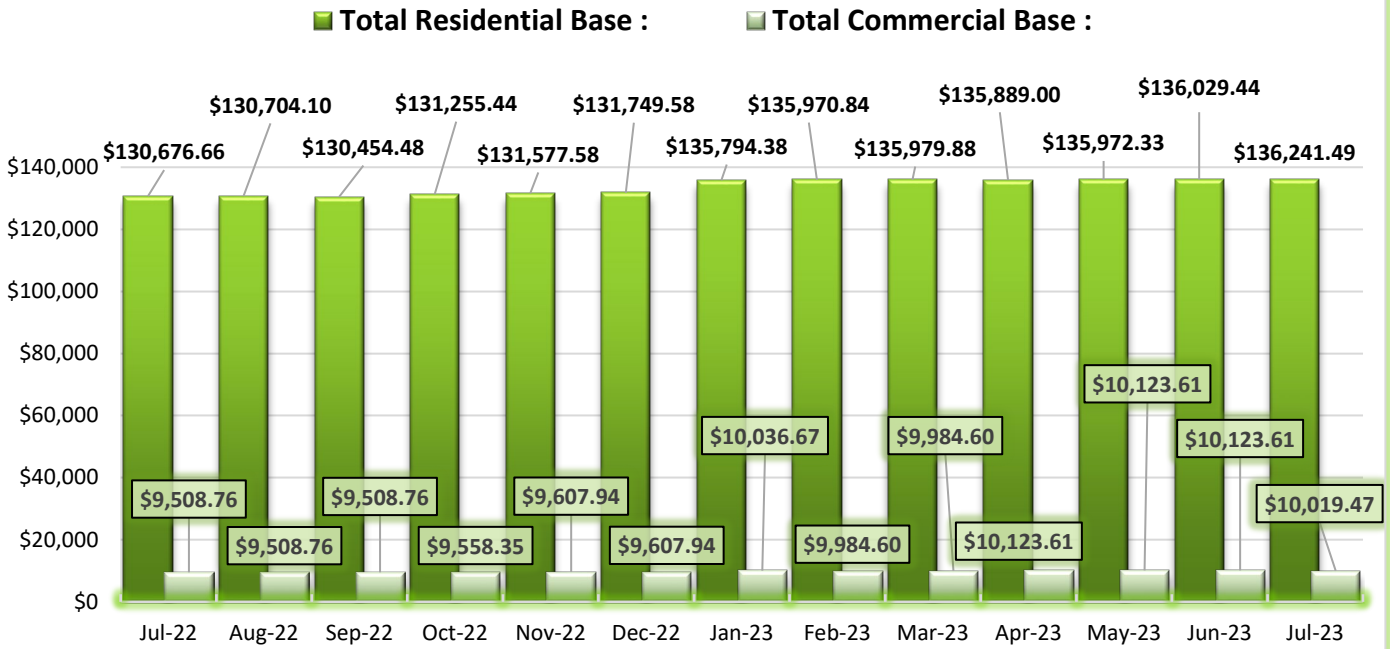
Water sent to Distribution MG vs Total sold MG



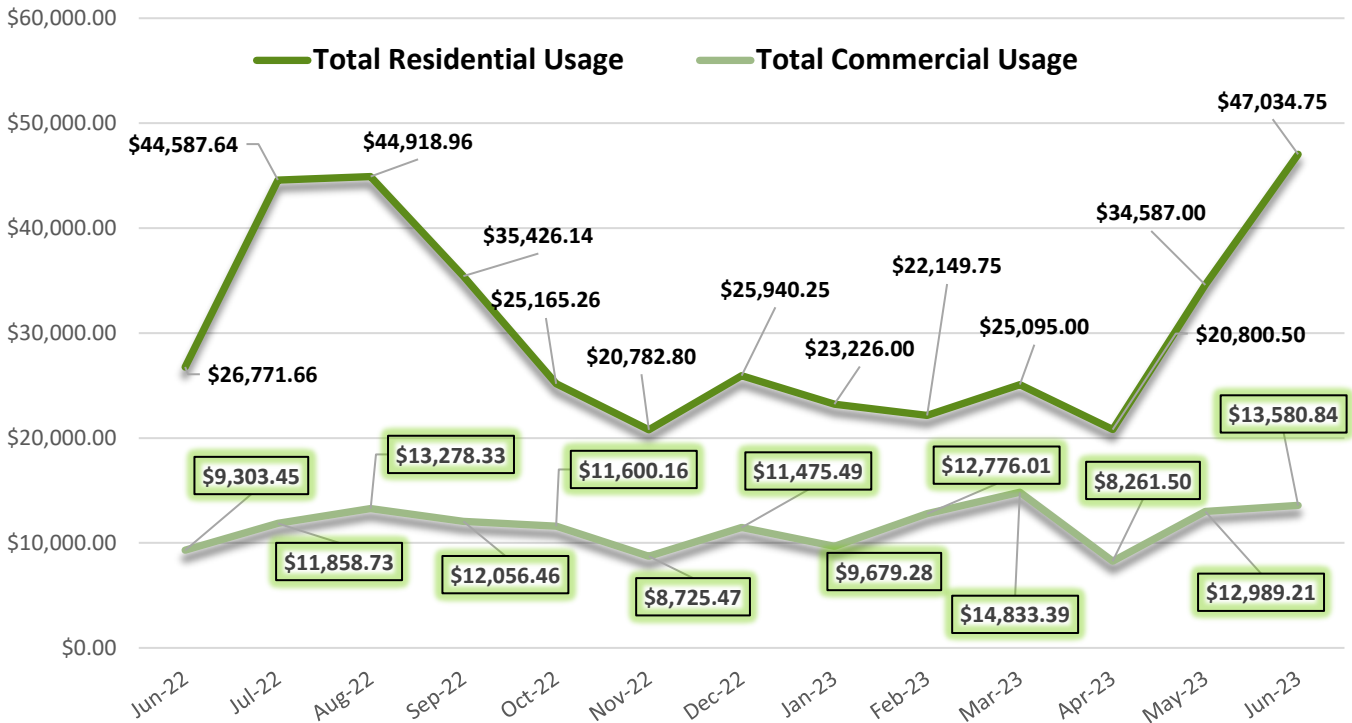
Data Period	July 1st-31th, 2023		Booster System Data	
	North Wellfield Booster High GPM :	577	<i>gpm</i>	
	North Wellfield Booster Average GPM :	183	<i>gpm</i>	
	North Wellfield High psi:	60	<i>psi</i>	
	North Wellfield Average psi:	55	<i>psi</i>	
	Total MG Booster pumped to Distribution at NWF:	8.2191	<i>MG</i>	
	Total MG Booster pumped to Distribution at SWF:	5.0688	<i>MG</i>	
	Total Booster Pumped to Distribution :	13.2879	<i>MG</i>	
	South Wellfield Booster High gpm:	1,237	<i>gpm</i>	
	South Wellfield Booster Average gpm:	116	<i>gpm</i>	
	South Wellfield Booster High psi:	66	<i>psi</i>	
	South Wellfield Booster Average psi:	57	<i>psi</i>	
	245th Distribution Pressure Readings :			
		Highest	64	<i>psi</i>
		Lowest	37	<i>psi</i>
		Average	57	<i>psi</i>

Data Period			Accounts Data	
July 1 - 31, 2023			Residential Base	\$136,241.49 \$
June 1 - 30, 2023			Residential Usage	\$47,034.75 \$
July 1 - 31, 2023			Commercial Base	\$10,019.47 \$
June 1 - 30, 2023			Commercial Usage	\$13,580.84 \$
Residential Accounts	2,771	<i>ea</i>	Fire Flow Rate	\$1,282.52 \$
Commercial Accounts	99	<i>ea</i>	Backflow Assembly Rate	\$774.66 \$
Fire Flow Accounts	4	<i>ea</i>	Other Fees & Charges	\$3,829.15 \$
Backflow Accounts	46	<i>ea</i>	Total:	\$212,762.88 \$

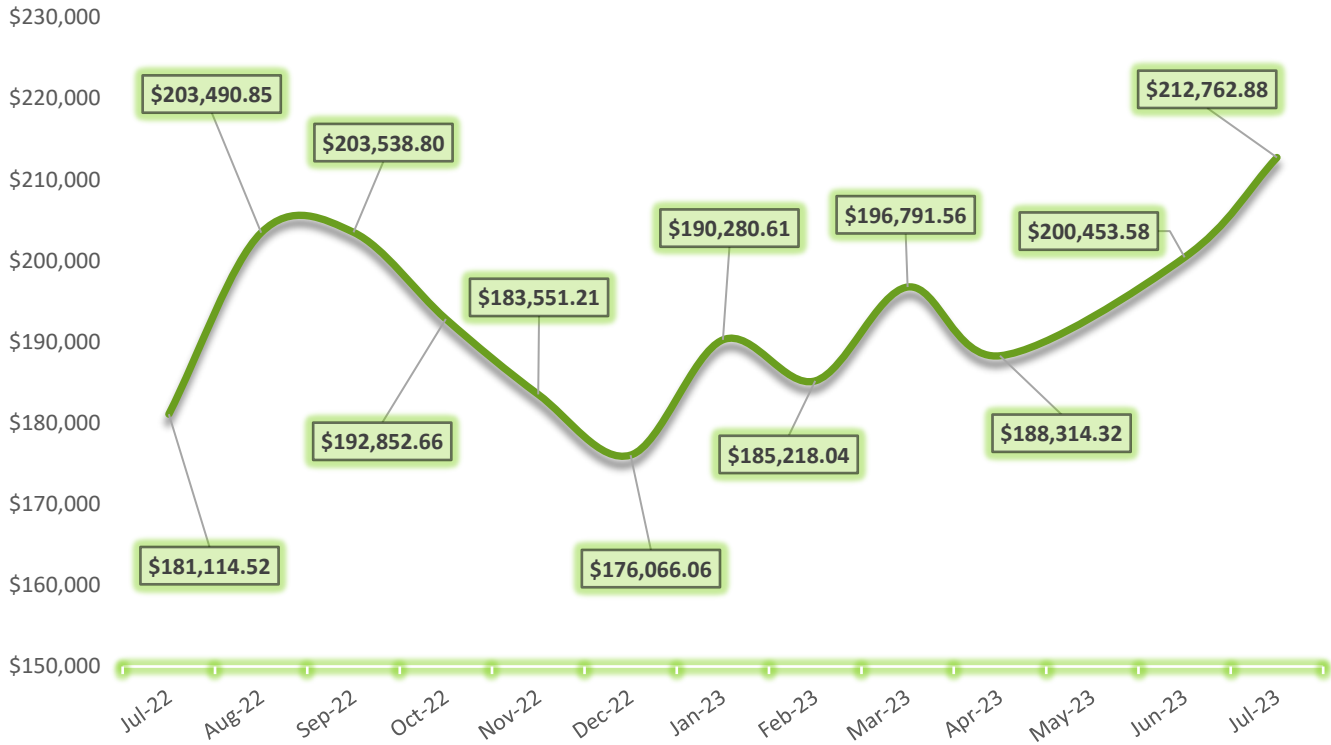
Residential & Commercial Base



Residential & Commercial Usage

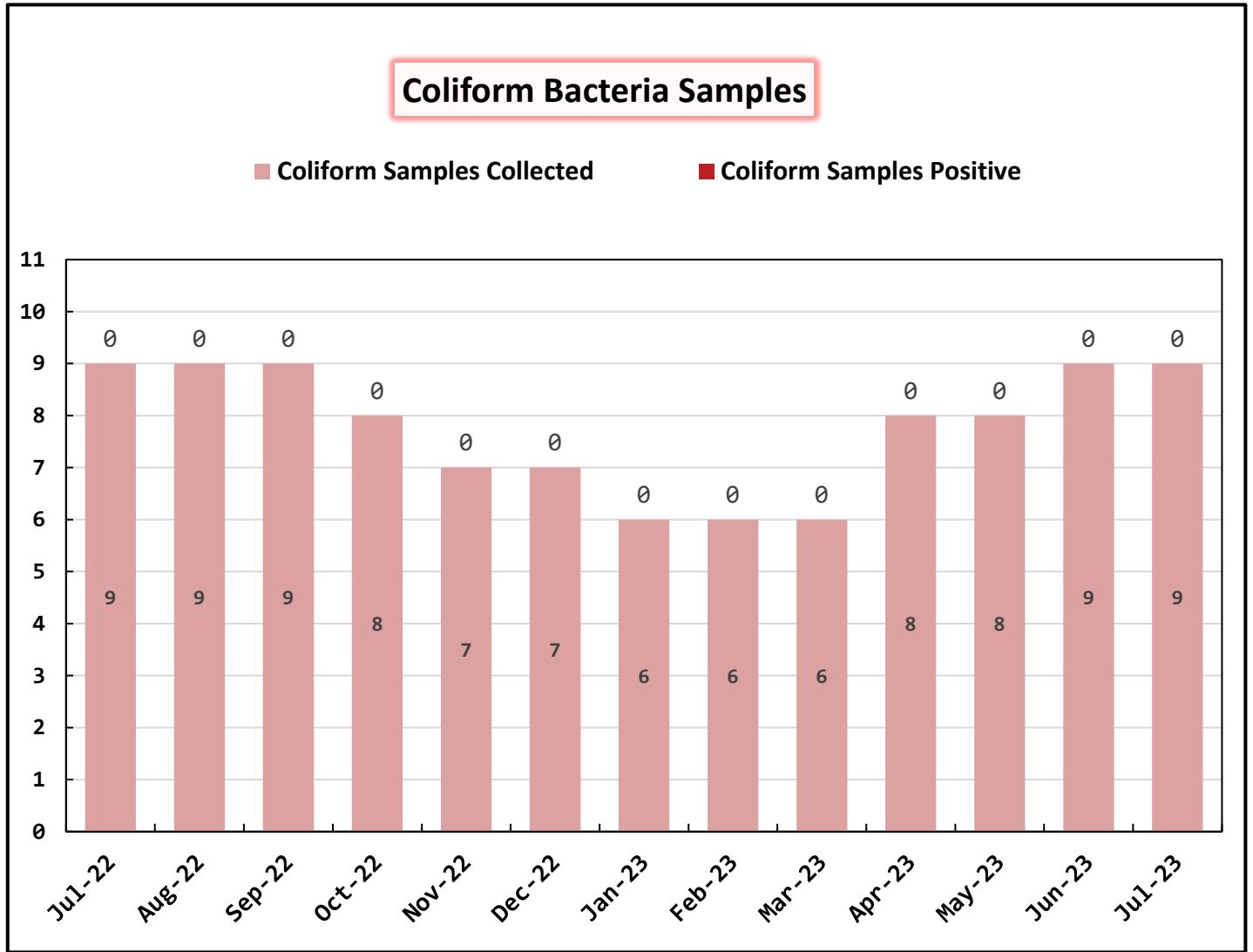


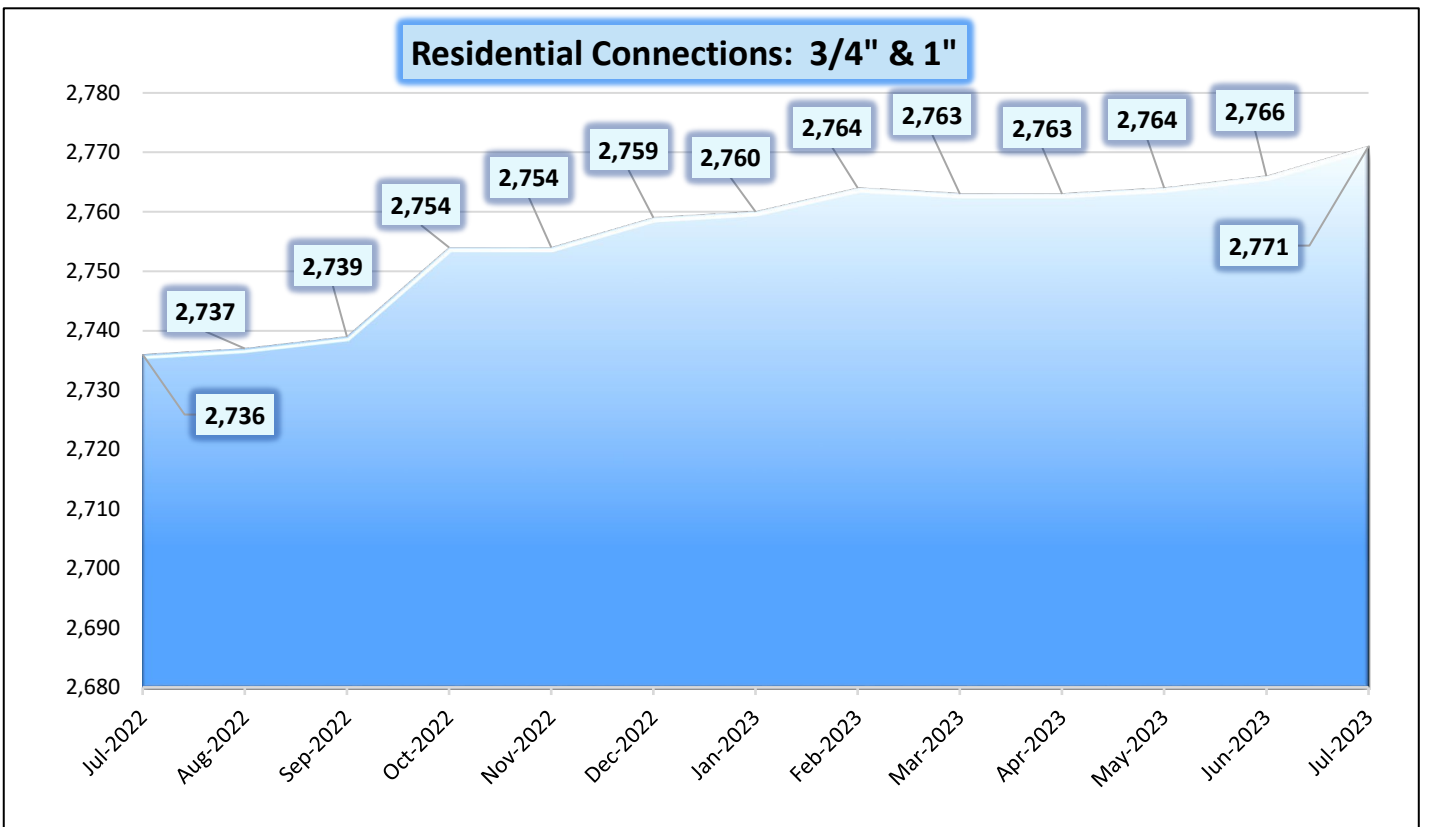
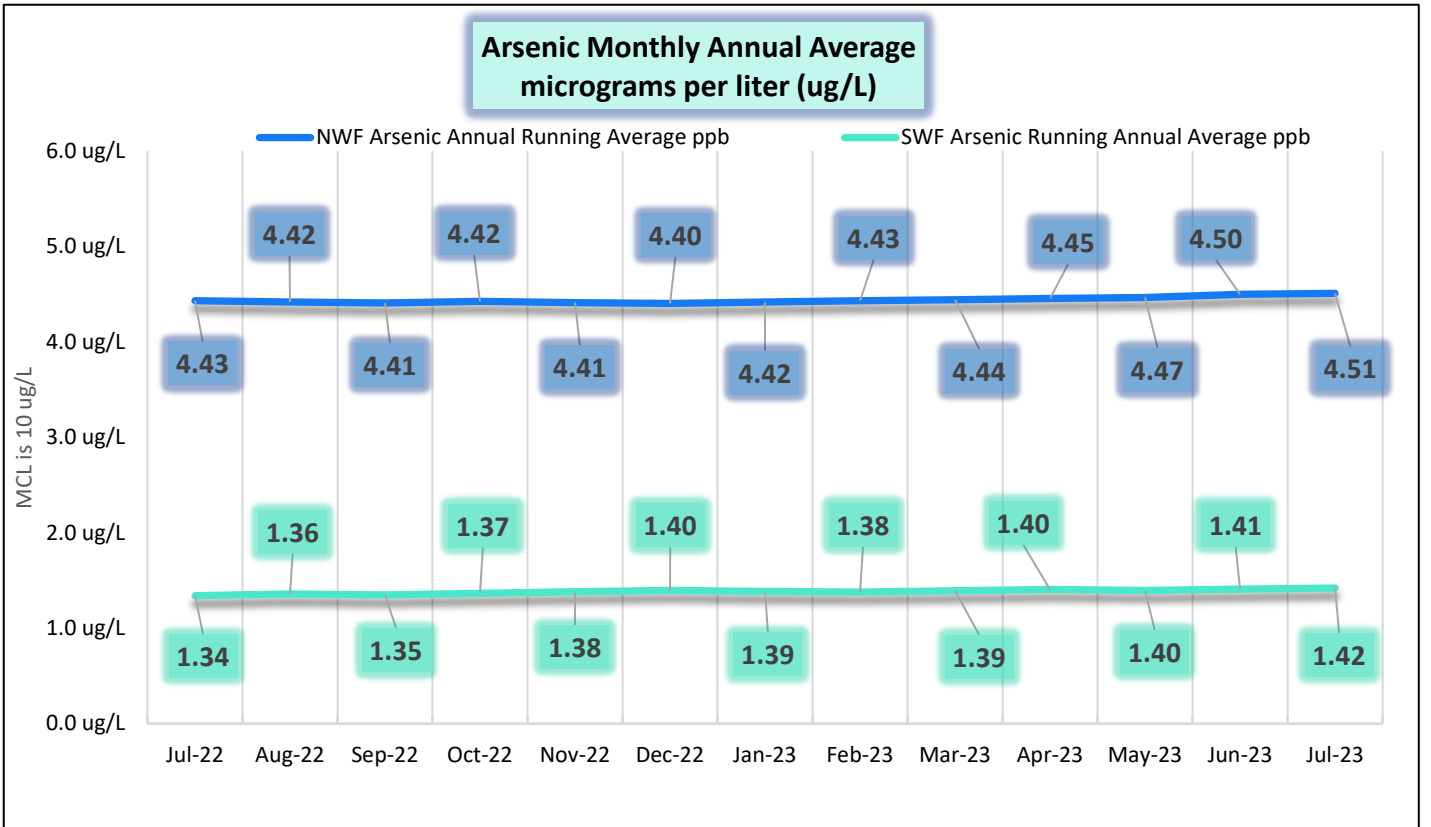
**Backflow, Residential & Commercial Base & Usage, Fireflow,
& fees**



Data Period	July 1 - 31, 2023		Operations Data	
	Past Due Accounts	200		<i>ea</i>
	Properties with Liens	22		<i>ea</i>
	Accounts Locked Off	4		<i>ea</i>
	Water Main Locates	51		<i>ea</i>
	Water Quality Complaints	9		<i>ea</i>
	Customer Service Calls	81		<i>ea</i>
	Customer Valves Installed	0		<i>ea</i>
	New Services Installed	5		<i>ea</i>
	NBWD Office & Grounds Water Use:	<u>0.0651</u>		<i>MG</i>

Data Period	July 1 - 31, 2023		Water Quality Data	
	Coliform Samples Collected	9	<i>ea</i>	
	Coliform Samples Absent	9	<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	4.51	<i>ug/L</i>	
	SWF Arsenic Running Annual Average	1.42	<i>ug/L</i>	





General Managers' Report August 2023

- Still chasing down dirty water complaints. My thought on this is that it is coming off the Hogback line which is steel. If you have ever seen steel used as water pipe, it is corroded and partially plugged off with corrosion. I have replaced a lot of steel pipes in distribution systems and is very much associated with giving off red water. The Hogback delivers water to every point in our distribution system.
- Cross connection onsite inspections continue.
- Water services along the highway have been completed. It went as I expected.
- Busy month with customer calls and locates.
- Water System Plan update is moving along slowly. Due to the data, they are receiving from us. A lot has changed since the last update. Next meeting is in September. Discussing Chapter 3, Water System Analysis.
- The crew has been working on Vernon Avenue shoulder repair.

July Work Orders

Read/Leave On	13
Turn Off/Lock – Customer Request	7
Turn Off/Lock – Non-Payment	4
Interrogate Meter	12
Locates	51
Unlock/Turn On	10
Test Backflow	11
Miscellaneous	6
Replace Meter Box	0
Low Pressure	0
Check Customer Valves	0
Dirty Water Complaints	9
Replace Meter	3
Install New Service	5
Assist Customer	3
Check For Leak	6
Re-Read Meter	1
Install Customer Control Valve	0
Total	141