

NORTH BEACH WATER DISTRICT

GENERAL MANAGERS REPORT

September Meeting - 2024

Well Field Output

<u>August 1, 2024</u>	to	<u>August 31, 2024</u>	NWF Master Meter:	<u>14.0795</u>	mg
			SWF Master Meter:	<u>0.0000</u>	mg
			Total Pumped to Plant:	<u>14.0795</u>	MG

Water Plant Production

<u>July 1, 2024</u>	to	<u>July 31, 2024</u>	NWF Master Meter:	<u>15.1737</u>	mg
			SWF Master Meter:	<u>0.0000</u>	mg
			Accounted for Water:	<u>13.9269</u>	MG
			Total Water Pumped:	<u>15.1737</u>	MG

Metering Period

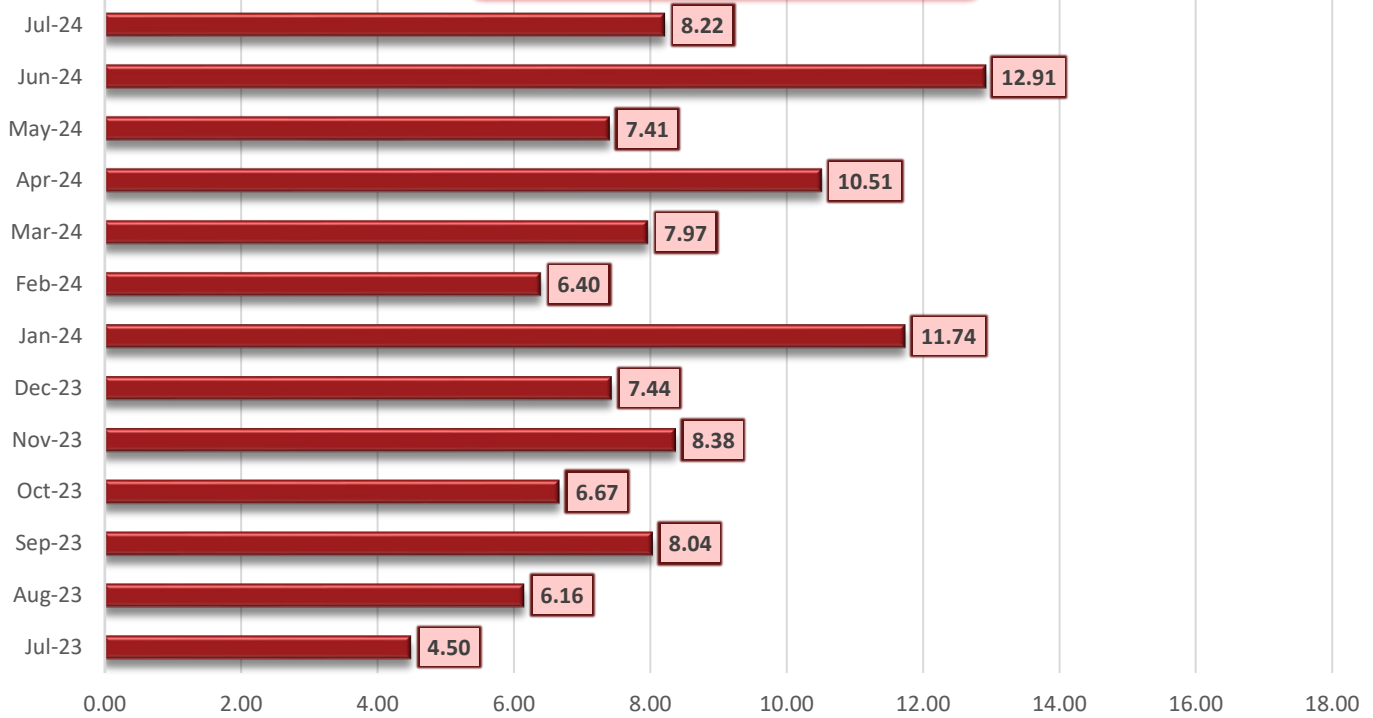
<u>July 1, 2024</u>	to	<u>July 31, 2024</u>	Total Water Sold :	<u>9.8888</u>	MG
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Julys' Accounted for Water:

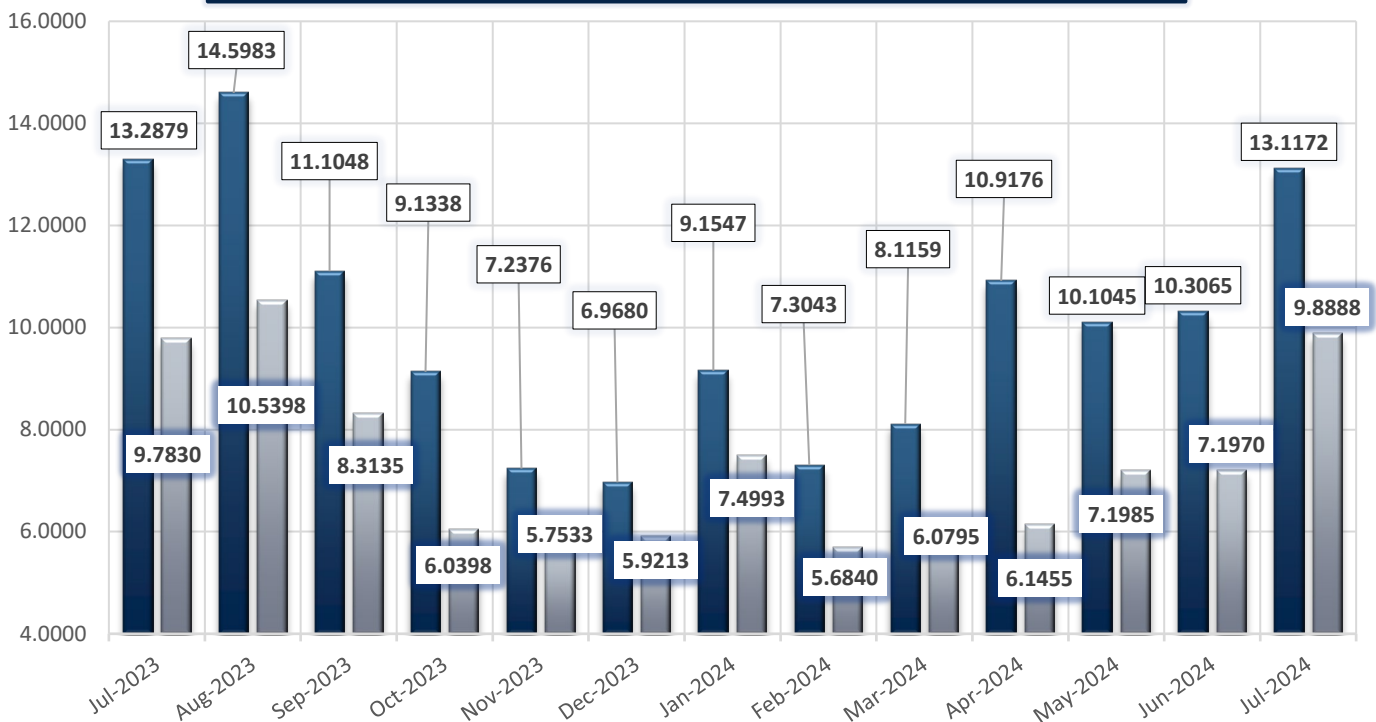
	NWF Backwash :	<u>0.5737</u>	mg
	SWF Backwash :	<u>0.0000</u>	mg
Distribution Flushing, Fire Dept, Pac Co & Waterline Leak Repair's:		<u>3.4427</u>	mg
	NBWD use NWF & SWF:	<u>0.0217</u>	mg
	Total Accounted for Water:	<u>13.9269</u>	MG

	Total Water Treated :	<u>15.1737</u>	MG
	Accounted for Water Used :	<u>13.9269</u>	MG
	Water Sent to Distribution :	<u>13.1172</u>	MG
	Water Sold :	<u>9.8888</u>	MG
	Distribution Leakage :	<u>1.2468</u>	MG
	Percent of Unaccounted for Water :	8.22	%

DSL - Percentage of Lost Water



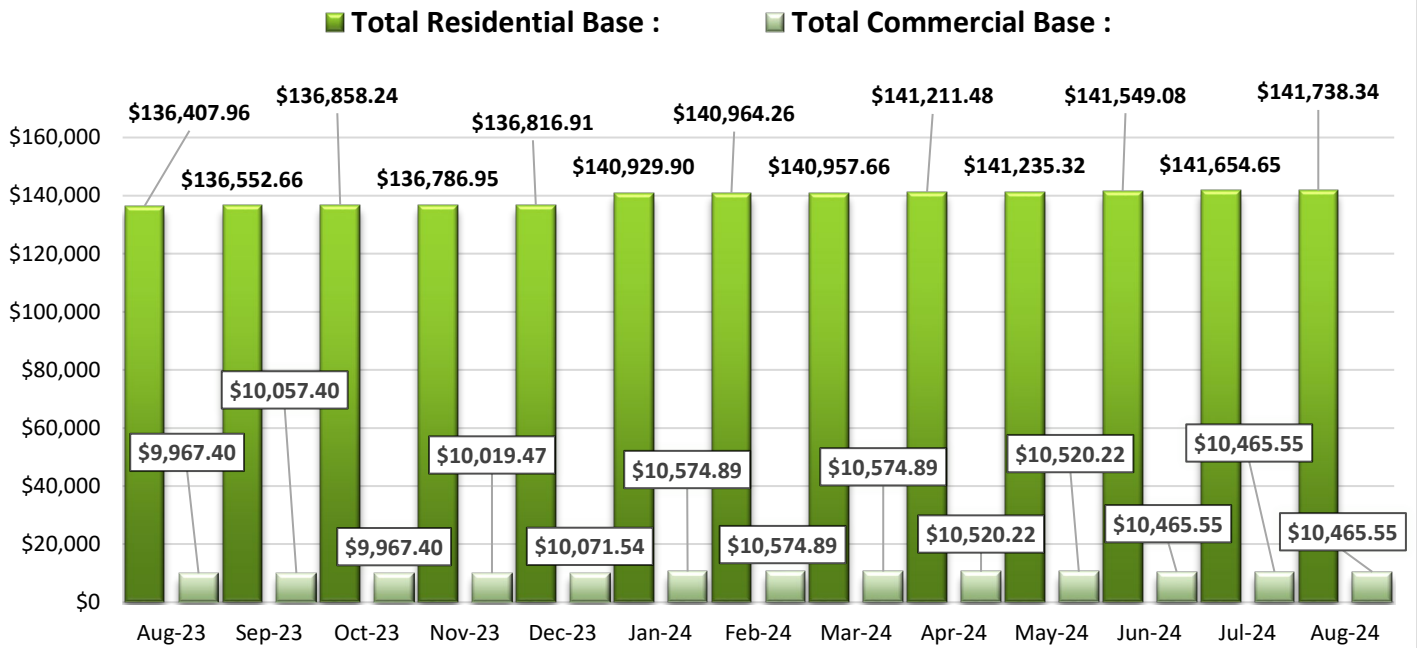
Water sent to Distribution MG Total sold MG:



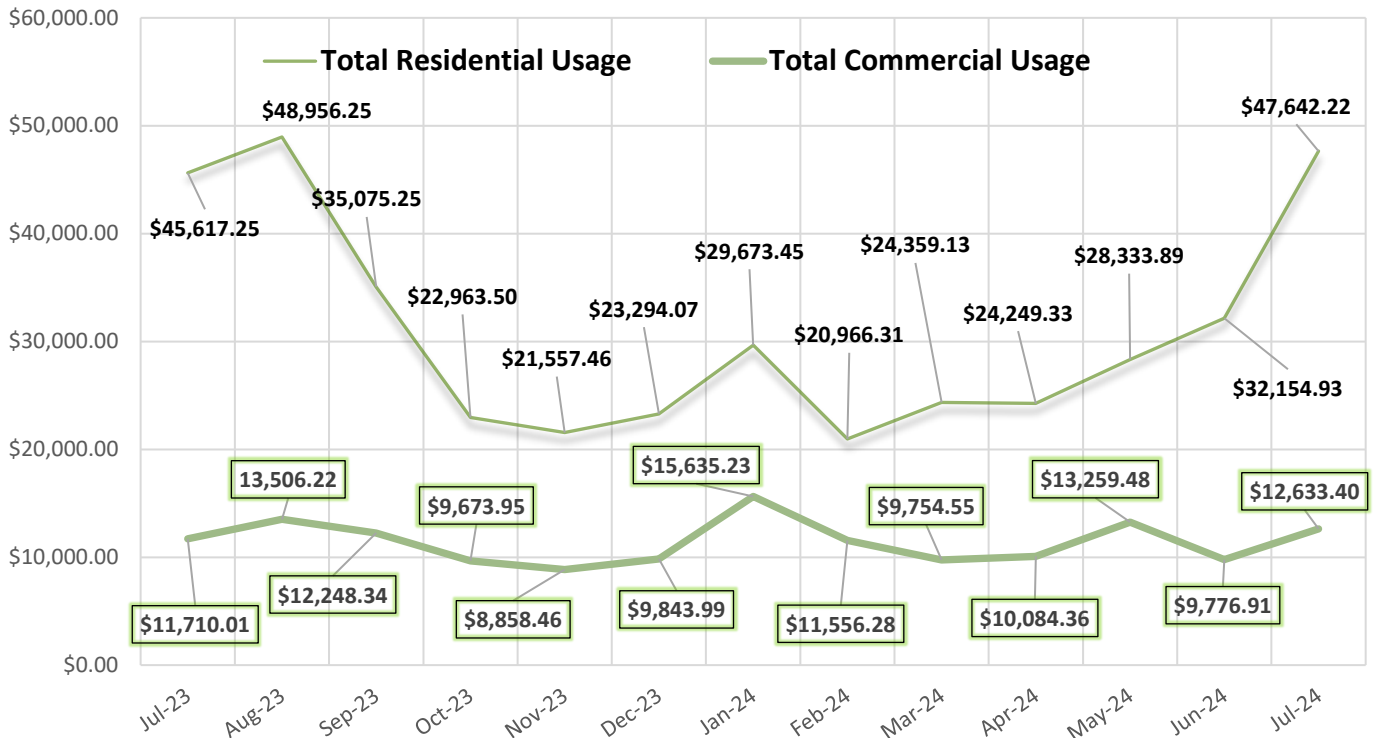
Data Period	July 1 -31, 2024		Booster System Data	
	North Wellfield Booster High GPM :		907	<i>gpm</i>
	North Wellfield Booster Average GPM :		293	<i>gpm</i>
	North Wellfield High psi:		63	<i>psi</i>
	North Wellfield Average psi:		56	<i>psi</i>
	Total MG Booster pumped to Distribution at NWF:		13.1172	<i>MG</i>
	Total MG Booster pumped to Distribution at SWF:		0	<i>MG</i>
	Total Booster Pumped to Distribution :		13.1172	<i>MG</i>
	South Wellfield Booster High gpm:		162	<i>gpm</i>
	South Wellfield Booster Average gpm:		98	<i>gpm</i>
	South Wellfield Booster High psi:		56	<i>psi</i>
	South Wellfield Booster Average psi:		56	<i>psi</i>
	245th Distribution Pressure Readings :			
		Highest	60	<i>psi</i>
		Lowest	55	<i>psi</i>
		Average	39	<i>psi</i>

Data Period		Accounts Data		
August 1 -31, 2024		Residential Base	\$141,738.34	\$
July 1 - 31, 2024		Residential Usage	\$47,642.22	\$
August 1 -31, 2024		Commercial Base	\$10,465.55	\$
July 1 - 31, 2024		Commercial Usage	\$12,633.40	\$
Residential Accounts	2,797	<i>ea</i>	Fire Flow Rate	\$1,346.65
Commercial Accounts	98	<i>ea</i>	Backflow Assembly Rate	\$760.65
Fire Flow Accounts	4	<i>ea</i>	Other Fees & Charges	\$4,161.44
Backflow Accounts	48	<i>ea</i>	Total:	\$218,748.25

Residential & Commercial Base



Residential & Commercial Usage

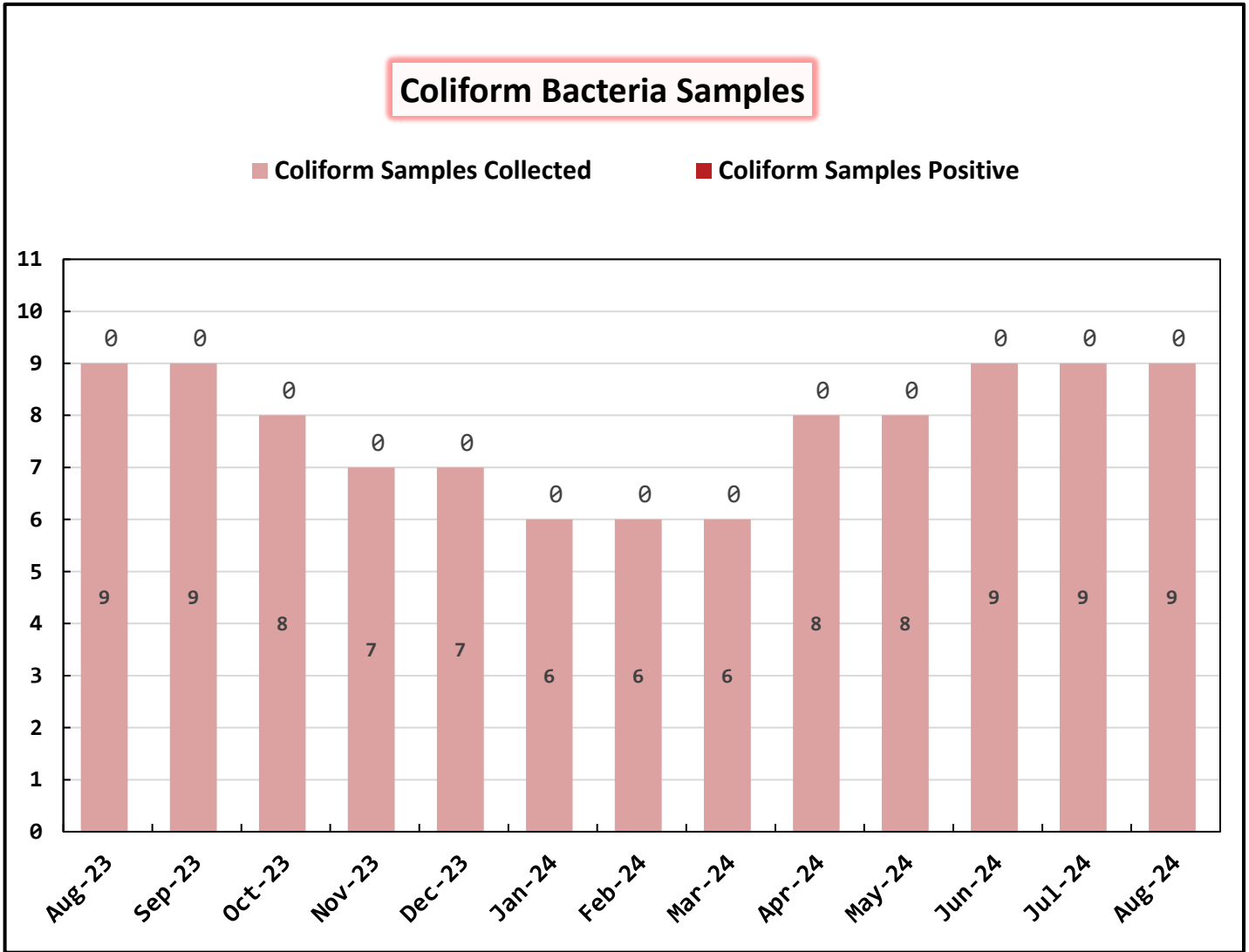


Backflow, Residential & Commercial Base & Usage, Fireflow, & Fees

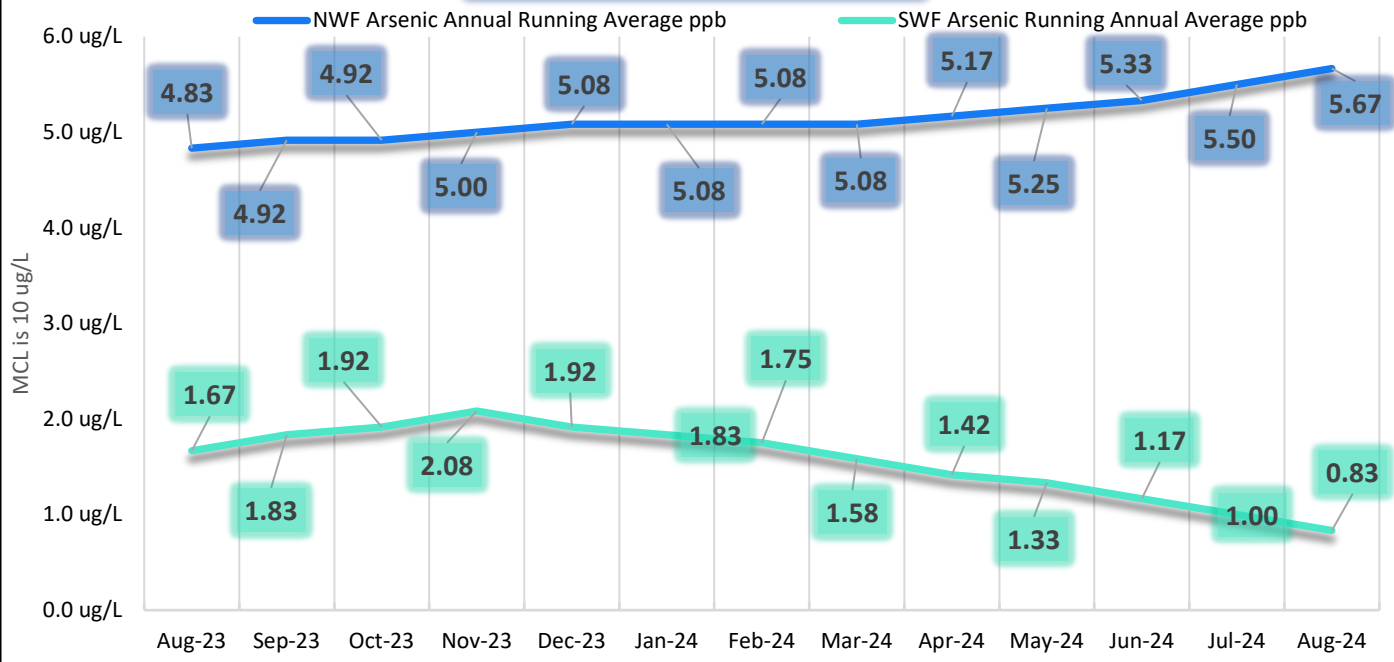


Data Period	July 1 -31, 2024	Operations Data
	Past Due Accounts	241 <i>ea</i>
	Properties with Liens	21 <i>ea</i>
	Accounts Locked Off	3 <i>ea</i>
	Water Main Locates	28 <i>ea</i>
	Water Quality Complaints	1 <i>ea</i>
	Customer Service Calls	42 <i>ea</i>
	Customer Valves Installed	3 <i>ea</i>
	New Services Installed	4 <i>ea</i>
	NBWD Office & Grounds Water Use:	<u><u>0.0217</u></u> <i>MG</i>

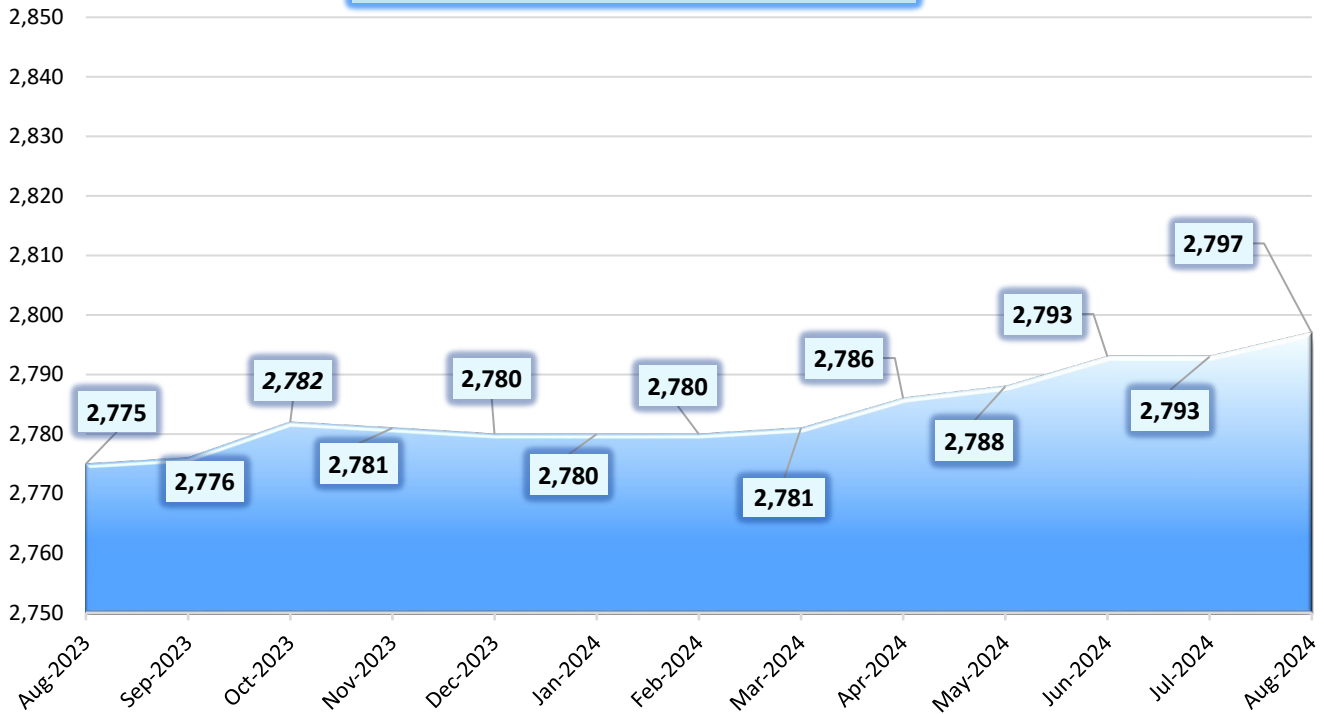
Data Period	July 1 -31, 2024		Water Quality Data	
	Coliform Samples Collected	9	<i>ea</i>	
	Coliform Samples Absent	9	<i>ea</i>	
	Coliform Samples Positive	0	<i>ea</i>	
	Coliform Sample Positive E.coli	0	<i>ea</i>	
	NWF Arsenic	7.00	<i>ug/L</i>	
	SWF Arsenic	0.00	<i>ug/L</i>	
	NWF Arsenic Annual Running Average	5.67	<i>ug/L</i>	
	SWF Arsenic Running Annual Average	0.83	<i>ug/L</i>	



Arsenic Monthly Annual Average micrograms per liter (ug/L)



Residential Connections: 3/4" & 1"



General Managers Report for September 2024

- The crew is digging up services for the Lead & Copper requirement. Must check what pipe is feeding the meter and then what is used to feed the house.
- Pilot filter testing is ongoing. Good results were found using GAC (Granular Activated Carbon) then Ferric Chloride, Polymer, & Chlorine used on top the filter.
- Crew has installed customer service valves and services.
- Water samples to the lab for VOC testing that is a yearly requirement.

August Work Orders

Read/Leave On	12
Turn Off/Lock – Customer Request	0
Turn Off/Lock – Non-Payment	3
Interrogate Meter	10
Locates	28
Unlock/Turn On	2
Test Backflow	4
Miscellaneous	2
Replace Meter Box	0
Low Pressure	2
Check Customer Valves	0
Dirty Water Complaints	1
Replace Meter	0
Install New Service	1
Assist Customer	5
Check For Leak	7
Re-Read Meter	0
Install Customer Control Valve	3
Total	80