

NORTH BEACH WATER DISTRICT

GENERAL MANAGERS REPORT

For January - 2021

Data Period	Well Field Data
<u>December 1, 2021</u> to <u>December 31, 2021</u>	NWF Master Meter: <u>7.6558</u> <i>mg</i>
	SWF Master Meter: <u>1.0141</u> <i>mg</i>
	Total Pumped to Plant: <u>8.6699</u> <i>MG</i>

Data Period	November 2021	Data:
<u>November 1, 2021</u> to <u>November 30, 2021</u>	NWF Master Meter: <u>7.5995</u> <i>mg</i>	
	SWF Master Meter: <u>0.9256</u> <i>mg</i>	
	Accounted for Water: <u>1.6352</u>	
	Total Water Pumped: <u>8.5251</u> <i>MG</i>	

Metering Period		
<u>November 1, 2021</u> to <u>November 30, 2021</u>	Total Water Sold :	<u>6.1935</u> <i>MG</i>

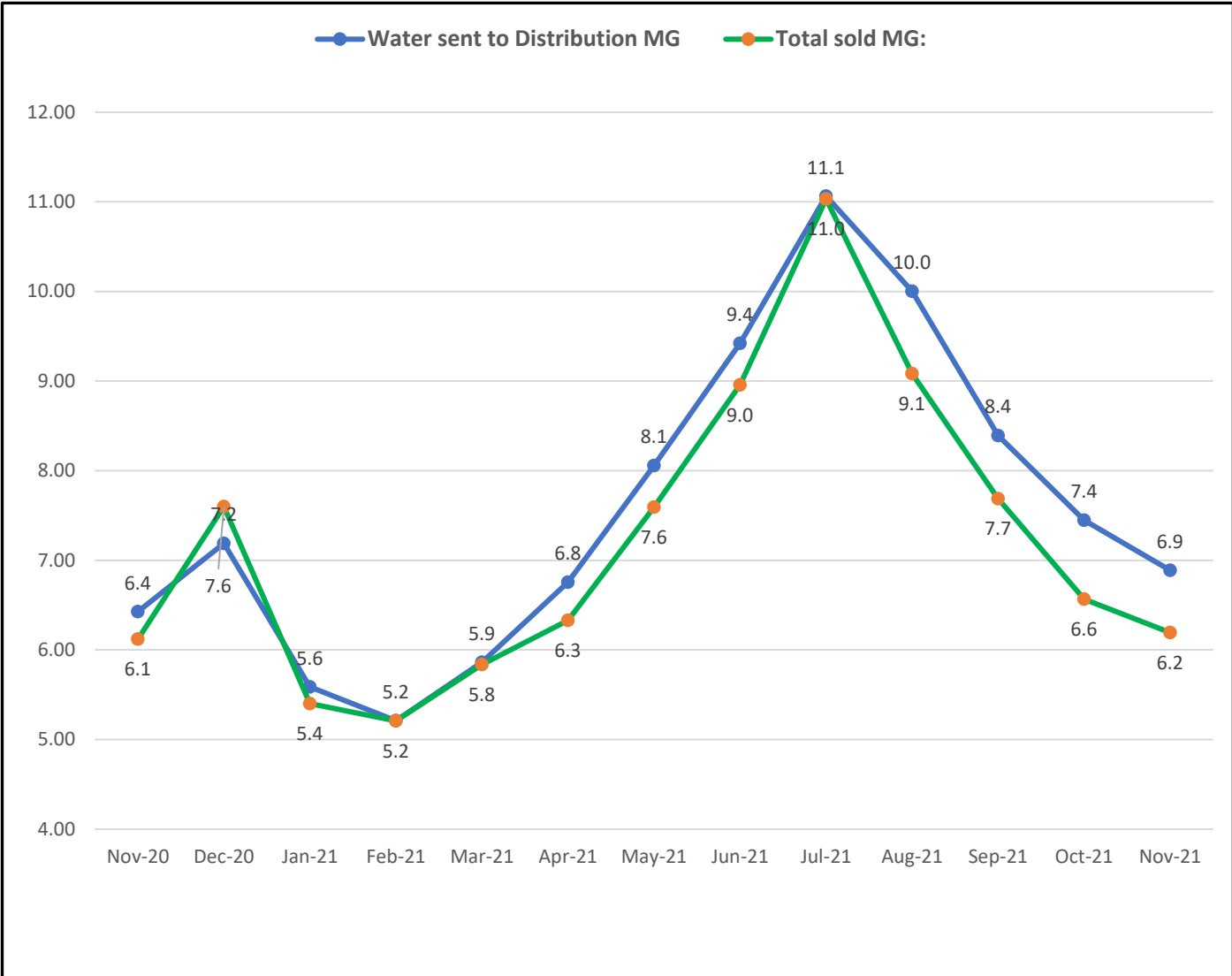
November's Accounted for Water:		
	NWF Backwash :	<u>0.3949</u> <i>mg</i>
	SWF Backwash :	<u>0.3126</u> <i>mg</i>
Distribution Flushing, Fire Dept, Pac Co & Waterline Leak Repair's:		<u>0.8542</u> <i>mg</i>
	NBWD use NWF & SWF:	<u>0.0735</u> <i>mg</i>
	Total Accounted for Water:	<u>1.6352</u> <i>MG</i>

Total Water Treated :	<u>8.5251</u>	<i>MG</i>
Accounted for Water Used :	<u>1.6352</u>	<i>MG</i>
Water Sent to Distribution :	<u>7.4466</u>	<i>MG</i>
Water Sold :	<u>6.1935</u>	<i>MG</i>
Distribution Leakage :	<u>0.8796</u>	<i>MG</i>
Percent of Unaccounted for Water :	<u>10.11</u>	%

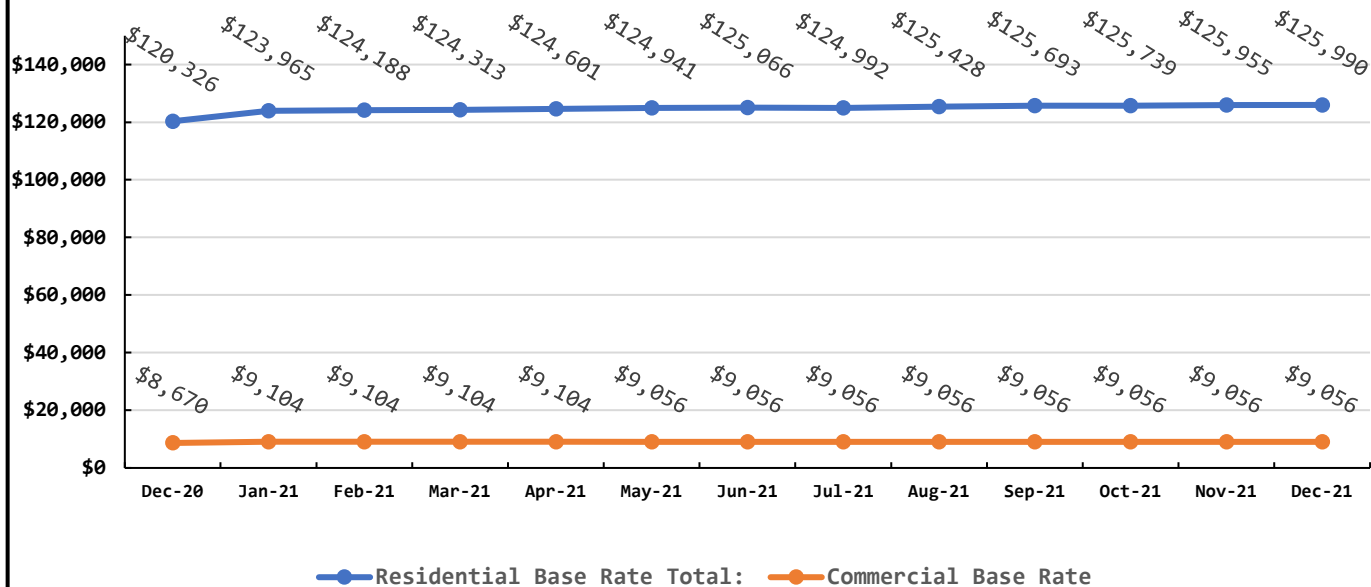
Data Period	December 1st - 31st, 2021	Booster System Data
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North Wellfield Booster High gpm :	<u>918</u>	<i>gpm</i>
North Wellfield Booster Low gpm :	<u>0</u>	<i>gpm</i>
North Wellfield Booster Average gpm :	<u>157</u>	<i>gpm</i>
North Wellfield High psi:	<u>67</u>	<i>psi</i>
North Wellfield Low psi:	<u>43</u>	<i>psi</i>
North Wellfield Average psi:	<u>59</u>	<i>psi</i>
Total MG Booster pumped to Distribution at NWF:	<u>7.0437</u>	<i>MG</i>
Total MG Booster pumped to Distribution at SWF:	<u>0.9923</u>	<i>MG</i>
Total Booster Pumped to Distribution :	<u>8.0360</u>	<i>MG</i>
South Wellfield Booster High gpm:	<u>1,080</u>	<i>gpm</i>
South Wellfield Booster Low gpm:	<u>0</u>	<i>gpm</i>
South Wellfield Booster Average gpm:	<u>22</u>	<i>gpm</i>
South Wellfield Booster High psi:	<u>66</u>	<i>psi</i>
South Wellfield Booster Low psi:	<u>44</u>	<i>psi</i>
South Wellfield Booster Average psi:	<u>60</u>	<i>psi</i>
245th Distribution Pressure Readings per Month:	<u>2,466</u>	
Highest	<u>69</u>	<i>psi</i>
Lowest	<u>27</u>	<i>psi</i>
Average	<u>61</u>	<i>psi</i>

Data Period			Accounts Data		
December 1st - 31st, 2021,			Residential Base Rates	\$125,990.01	\$
November 1 - 30, 2021			Residential Consumption	\$22,241.44	\$
December 1st - 31st, 2021			Commercial Base Rate	\$9,056.44	\$
November 1 - 30, 2021			Commercial Consumption	\$8,553.93	\$
			Fire Flow Rate	\$1,163.31	\$
New Residential Accounts	2,717	ea	Backflow Assembly Rate	\$357.95	\$
Commercial Accounts	99	ea	Contract Reimbursement	0	\$
Fire Flow Accounts	4	ea	Other Fees & Charges	\$4,302.51	\$
Backflow Accounts	34	ea	Total:	\$171,665.59	\$

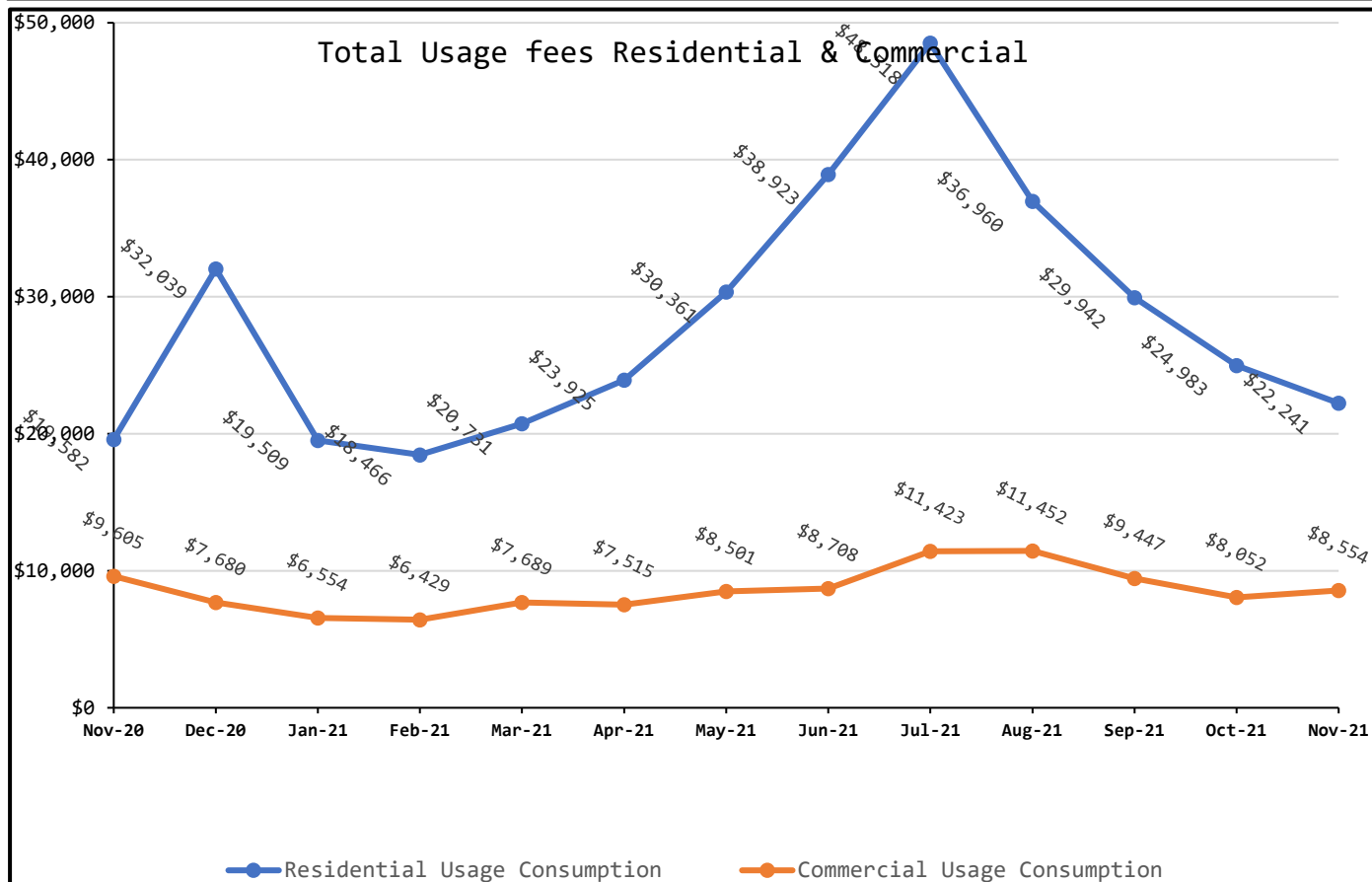


Total Base Rates Residential & Commercial

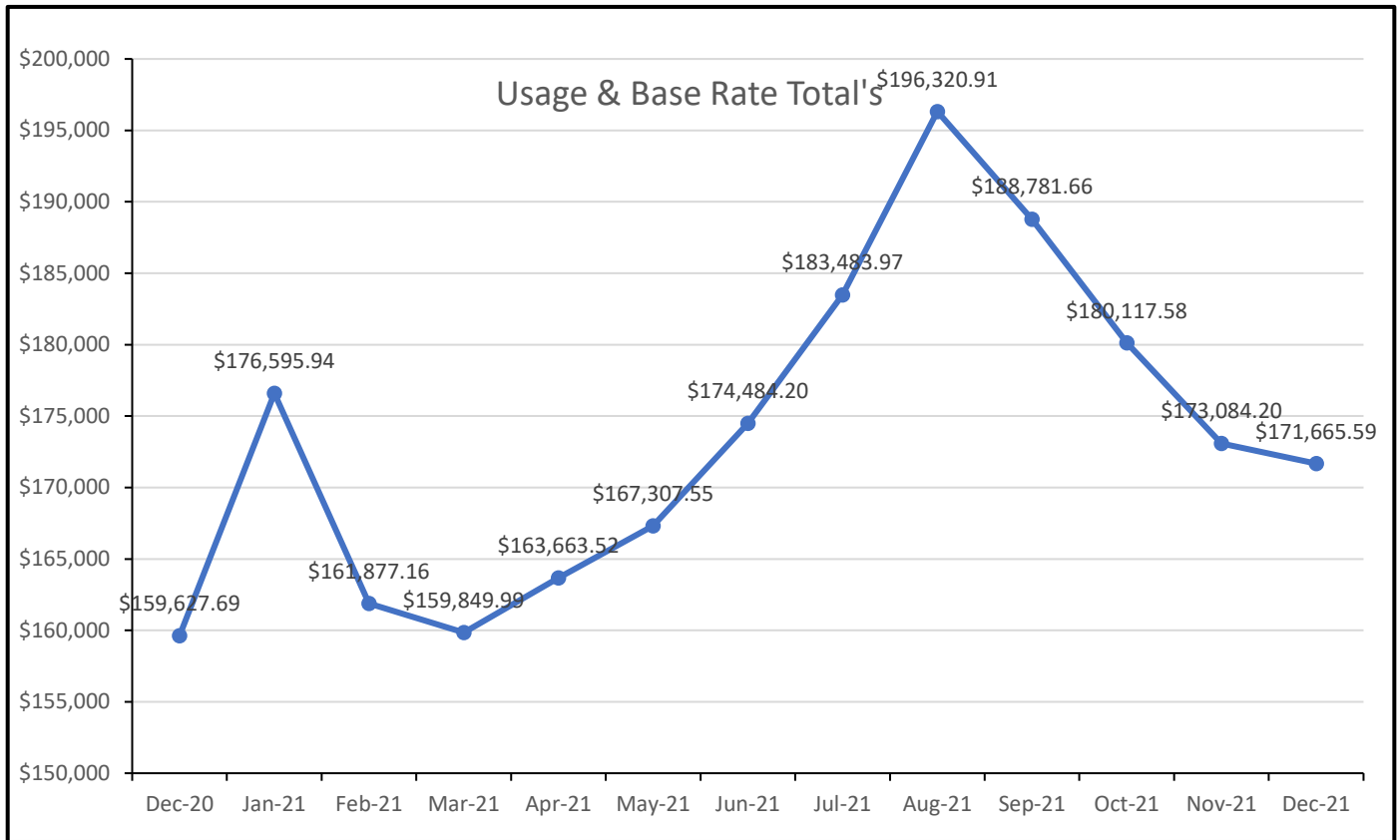


Residential Base Rate Total: Commercial Base Rate

Total Usage fees Residential & Commercial



Residential Usage Consumption Commercial Usage Consumption



Data Period	November 1st - 30th, 2021	Operations Data
		Past Due Accounts 272 <i>ea</i>
		Properties with Liens 25 <i>ea</i>
		Accounts Locked Off 6 <i>ea</i>
		Water Main Locates 24 <i>ea</i>
	Both from Leaks repaired:	Water Quality Complaints 2 <i>ea</i>
		Customer Service Calls 65 <i>ea</i>
		Customer Valves Installed 1 <i>ea</i>
		New Services Installed 1 <i>ea</i>
		NBWD Office & Grounds Water Use: 0.0735 <i>MG</i>

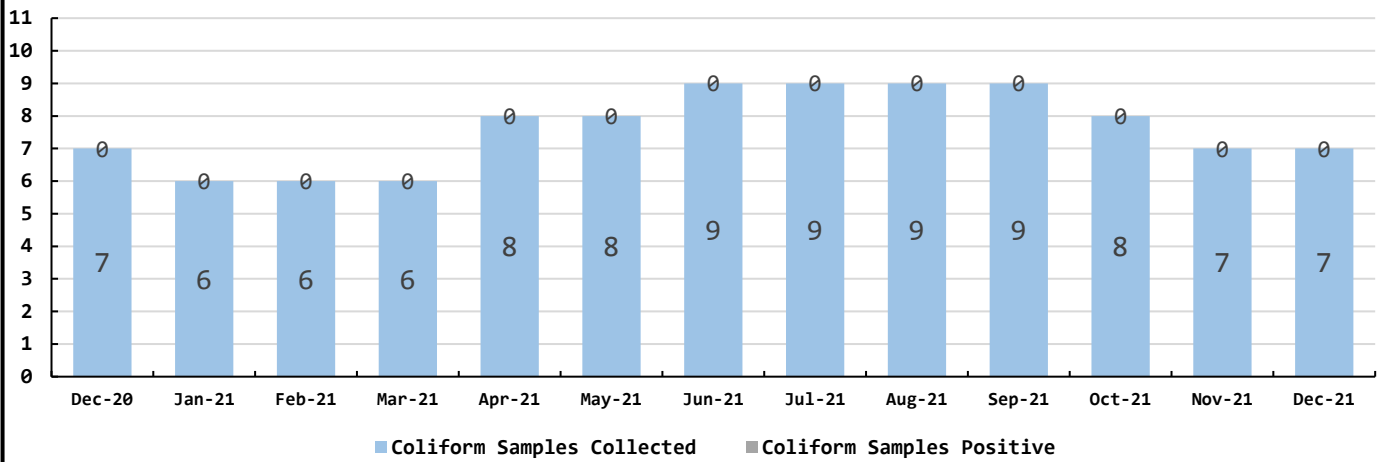
Data Period

November 1st - 30th, 2021

Water Quality Data

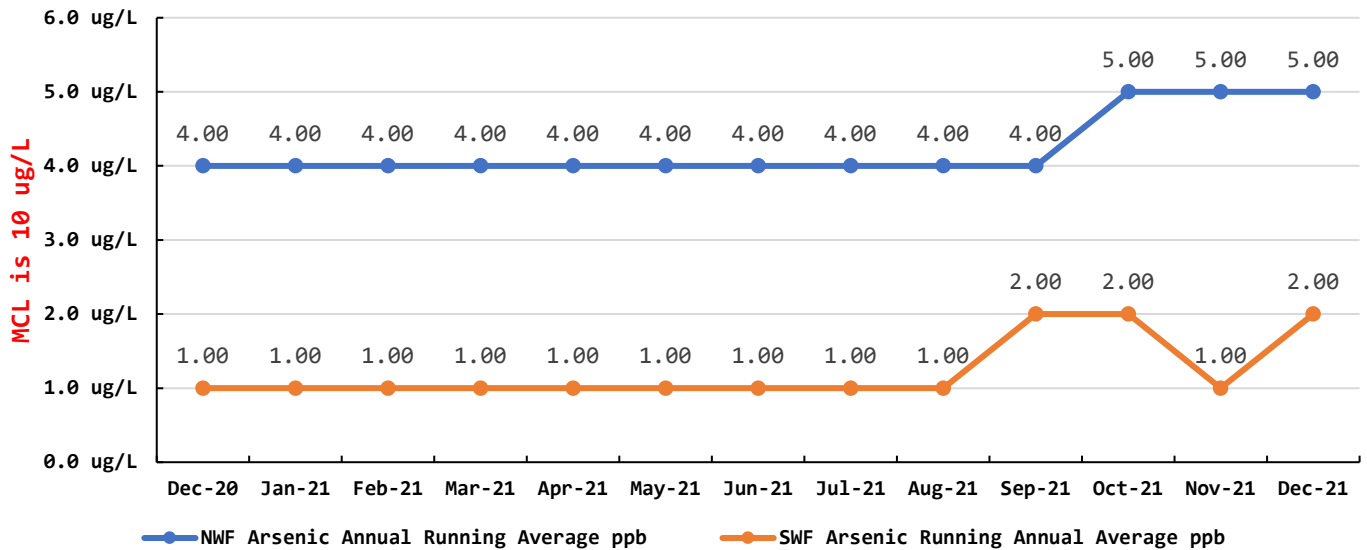
Coliform Samples Collected	7	ea
Coliform Samples Absent	7	ea
Coliform Samples Postive	0	ea
Coliform Sample Positive E.coli	0	ea
NWF Arsenic	5	ug/L
SWF Arsenic	2	ug/L
NWF Arsenic Annual Running Average	4.48	ug/L
SWF Arsenic Running Annual Average	1.33	ug/L

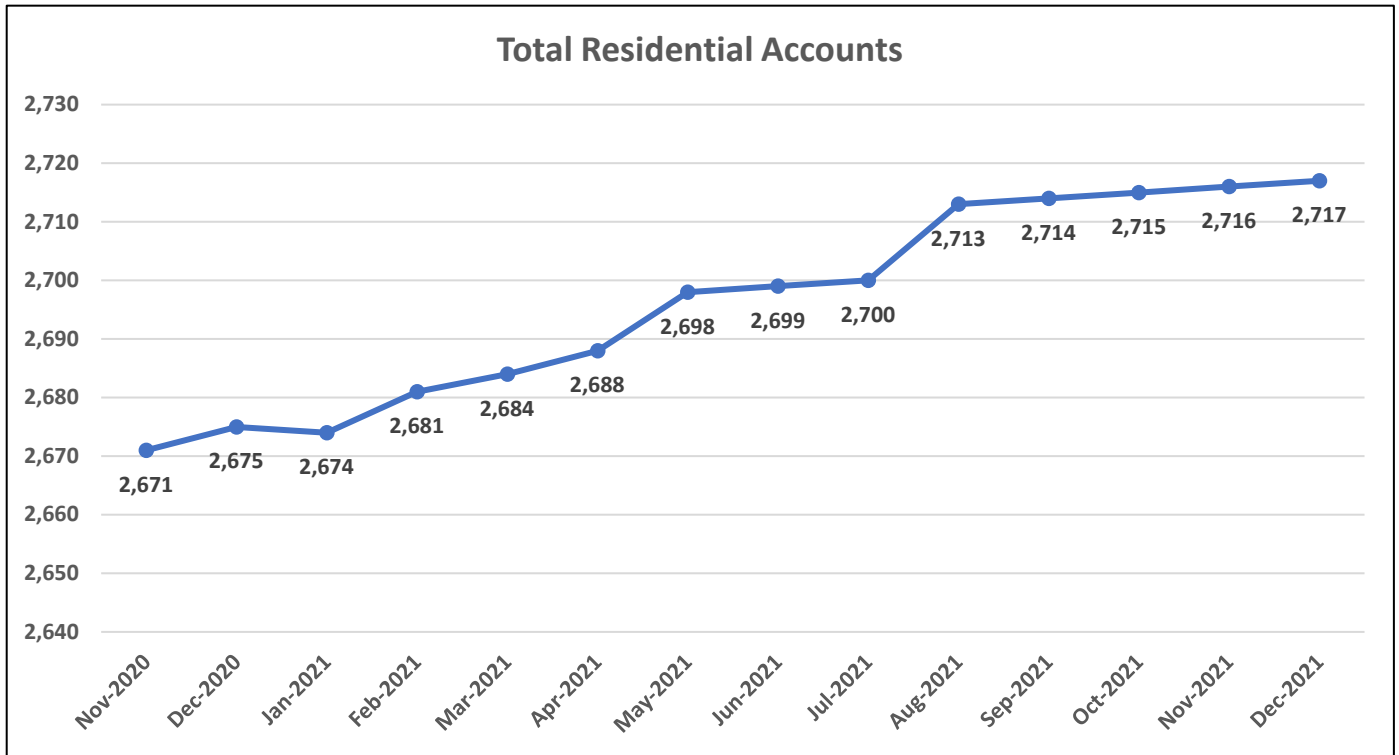
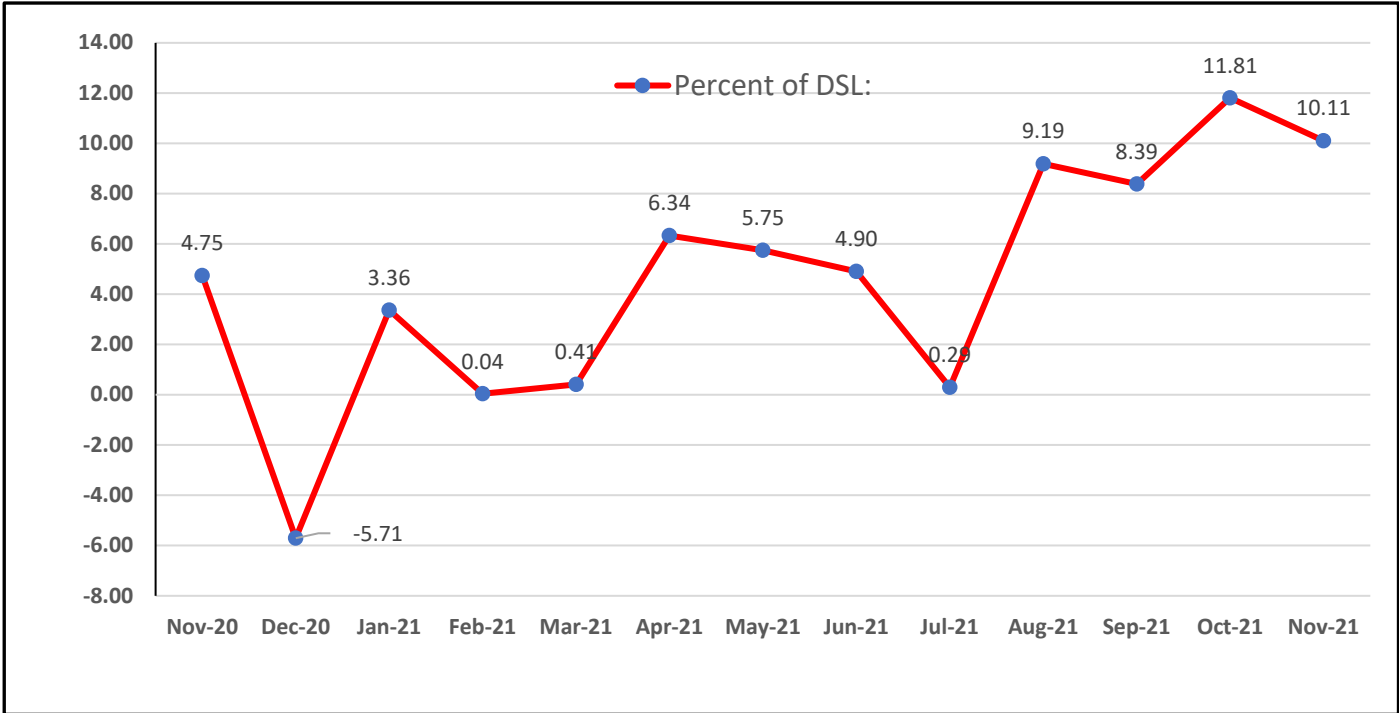
Coliform Bacteria Samples



Arsenic Monthly Annual Average

micrograms per liter (ug/L)





General Managers Report for December 2021:

- Trenched in fiber line from well field to treatment plant at the South Facility.
- Generator at North Booster Station that runs the Plant & Booster Station went down.
Backup rented from Pederson Cat.
Voltage regulator was found to be the problem. Three week wait for parts.
Parts have been replaced and the generator is running again.
Completed load bank test and everything is working correctly.
Rented generator has been sent back.
Had Pederson Cat setup generators so when they are called to run they will trip the transfer switch and run everything through the generator set power.
- 4 leaks within the distribution system, all small 2" line breaks.
195th - Two couplings repaired.
End of Birch - Line extended 5 ft to get to right of way and a buried blowoff installed and valve riser and cap placed to mark location.
265th - Repair band place around poly line. Rock hole.
223rd and S-Place - Two couplings repaired.
- PUD found a line we did not know existed. It was on V Lane.
Crew potholed and found end. Placed blow off at the end to keep clear.
- Installed chlorine analyzers at the south and north treatment plants.
This allows us to track and meet the required chlorine dosage of 1ppm at the entry to the distribution system.
- 2022 Fire Extinguishers testing performed for trucks, shop and facility.
- Ordered Antennas for the AMR system.
One will be placed on top of the tank #2 here at the North WTP.
The other will be placed on top the tank at the South WTP.

December Work Orders

Read/Leave On	4
Turn Off/Lock – Customer Request	15
Turn Off/Lock – Non-Payment	4
Interrogate Meter	3
Locates	24
Unlock/Turn On	4
Test Backflow	2
Miscellaneous	4
Replace Meter Box	0
Low Pressure	1
Check Customer Valves	0
Dirty Water Complaints	2
Replace Meter	5
Install New Service	1
Assist Customer	0
Check For Leak	9
Re-Read Meter	1
Install Customer Control Valve	1
Total	80