

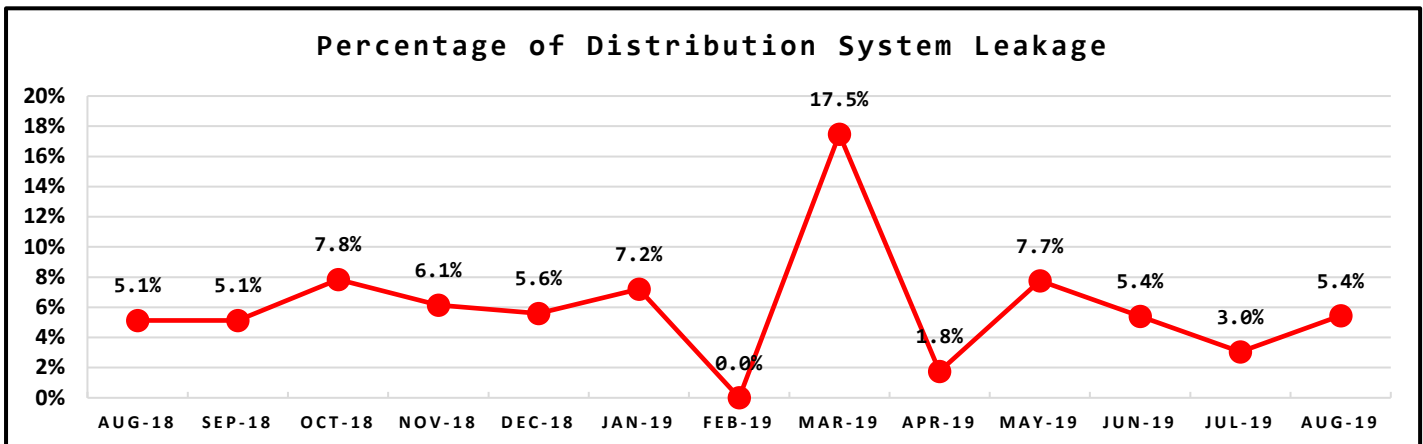
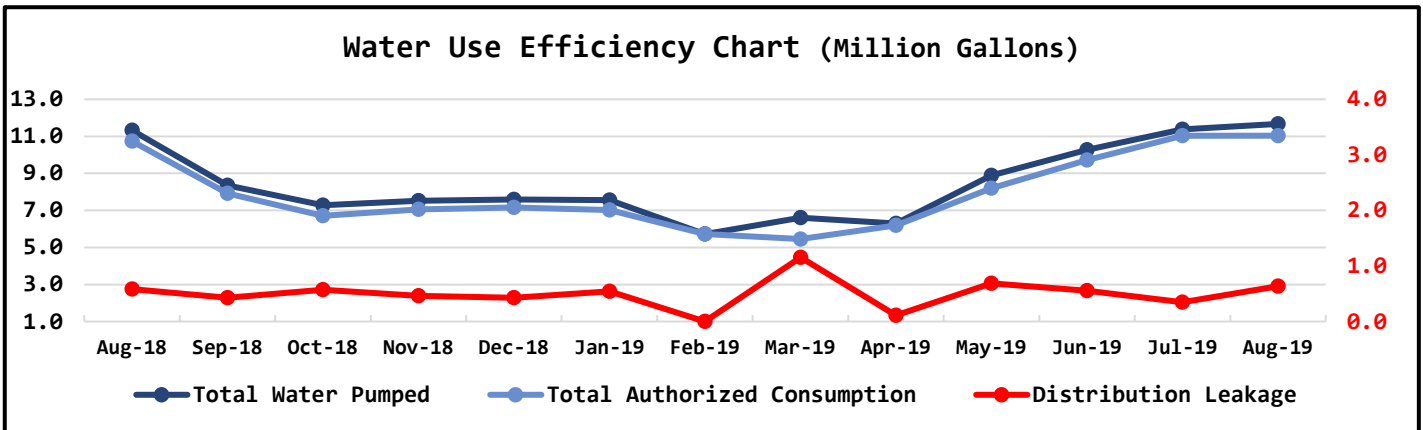
NORTH BEACH WATER DISTRICT

GENERAL MANAGERS REPORT

FOR
September-2019

Metering Period		Water Production		
August 1, 2019	to	August 31, 2019	NWF Master Meter	5.3914 mg
			SWF Master Meter	6.2781 mg
			Total Water Pumped	11.6695 mg

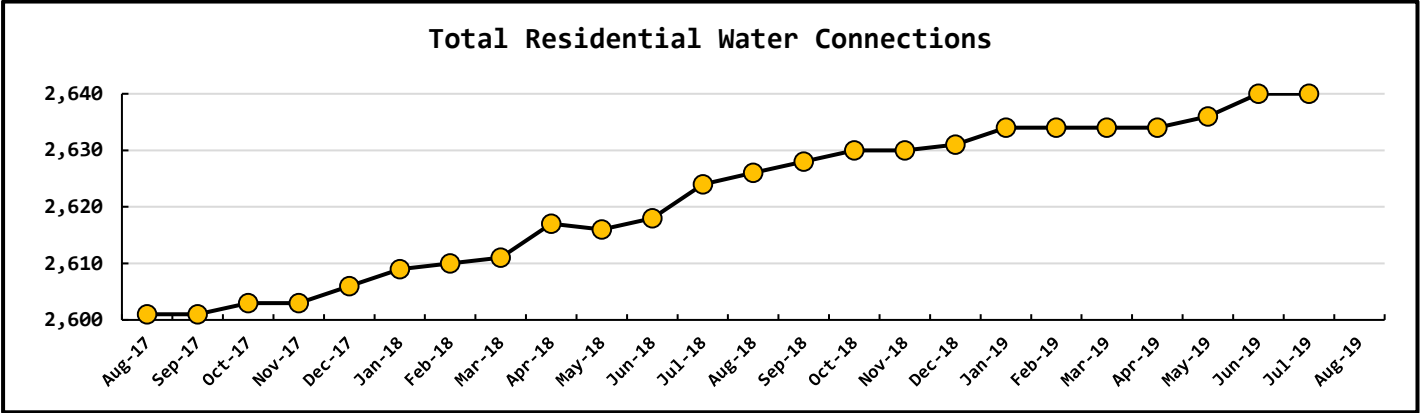
Metering Period		Water Consumption		
August 1, 2019	to	August 31, 2019	Total Water Sold	9.7740 mg
			NWF Backwash	0.1326 mg
			SWF Backwash	1.0869 mg
			Distribution Flushing	0.0411 mg
			Total Authorized Consumption	11.0346 mg
			Distribution Leakage	0.6349 mg
			Percent of DSL	5.4% %

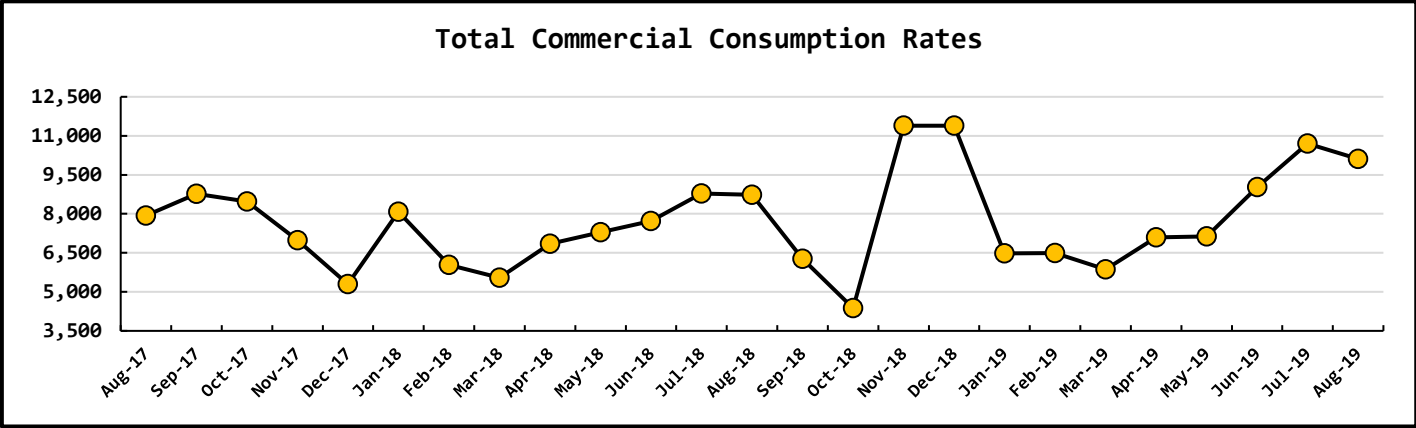
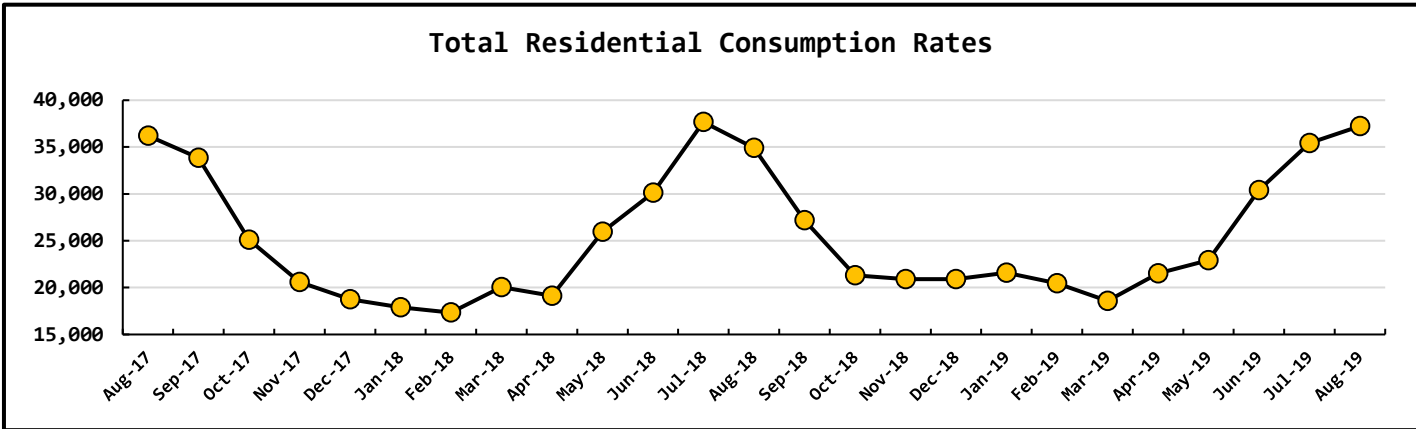
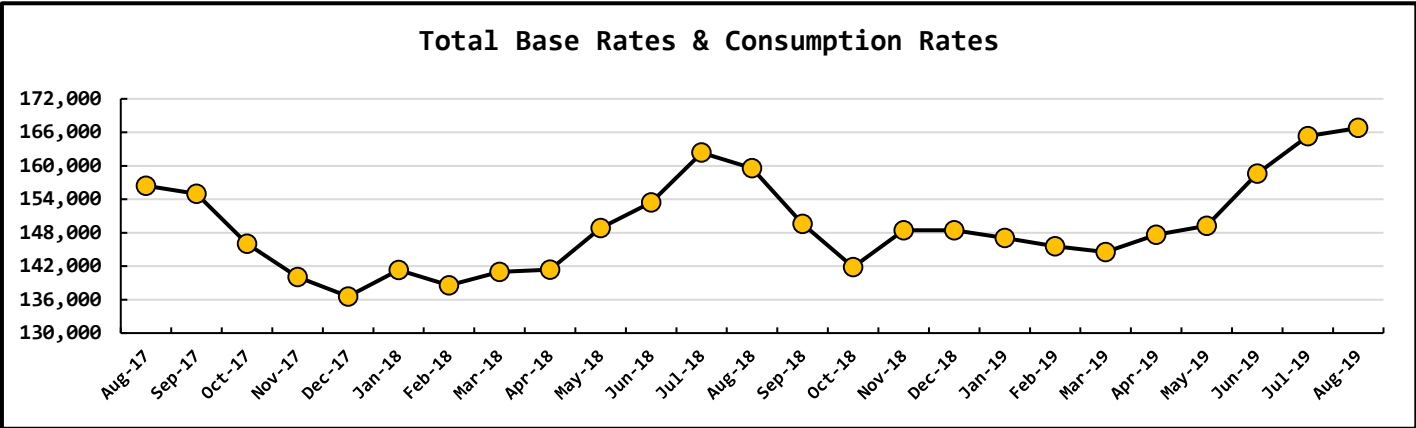


Data Period	Booster System Data		
August, 2019	North Wellfield Booster High	915	<i>gpm</i>
	North Wellfield Booster Low	0	<i>gpm</i>
	North Wellfield Booster Average	120	<i>gpm</i>
	South Wellfield Booster High	1514	<i>gpm</i>
	South Wellfield Booster Low	0	<i>gpm</i>
	South Wellfield Booster Average	144	<i>gpm</i>
	North Wellfield Booster High	77	<i>psi</i>
	North Wellfield Booster Low	0	<i>psi</i>
	North Wellfield Booster Average	62	<i>psi</i>
	South Wellfield Booster High	82	<i>psi</i>
	South Wellfield Booster Low	41	<i>psi</i>
	South Wellfield Booster Average	62	<i>psi</i>

Data Period	Well Field Data		
August, 2019	North Wellfield Total	5.7237	<i>mg</i>
	South Wellfield Total	6.5431	<i>mg</i>

Data Period	Accounts Data		
August, 2019	Residential Base Rate	111,283	\$
	Residential Consumption	37,253	\$
	Commercial Base Rate	8,134	\$
	Commercial Consumption	10,107	\$
	Fire Flow Rate	1,024	\$
	Backflow Assembly Rates	184	\$
	Surfside Contract	5,454	\$
	Surfside Reimbursement	168	\$
	Other Fees & Charges	1,792	\$
	Total	175,398	\$
	Residential Accounts	2,644	<i>ea</i>
	Commercial Accounts	102	<i>ea</i>
Fire Flow Accounts	4	<i>ea</i>	
Backflow Accounts	27	<i>ea</i>	





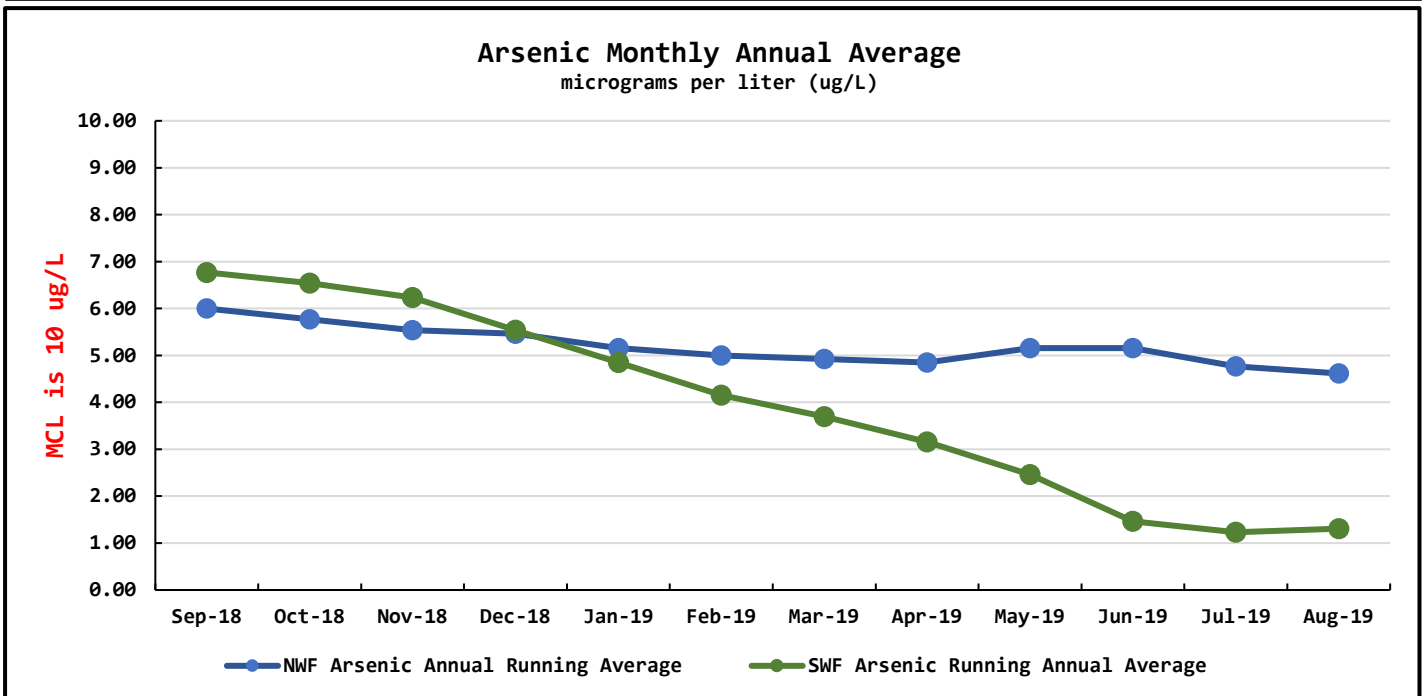
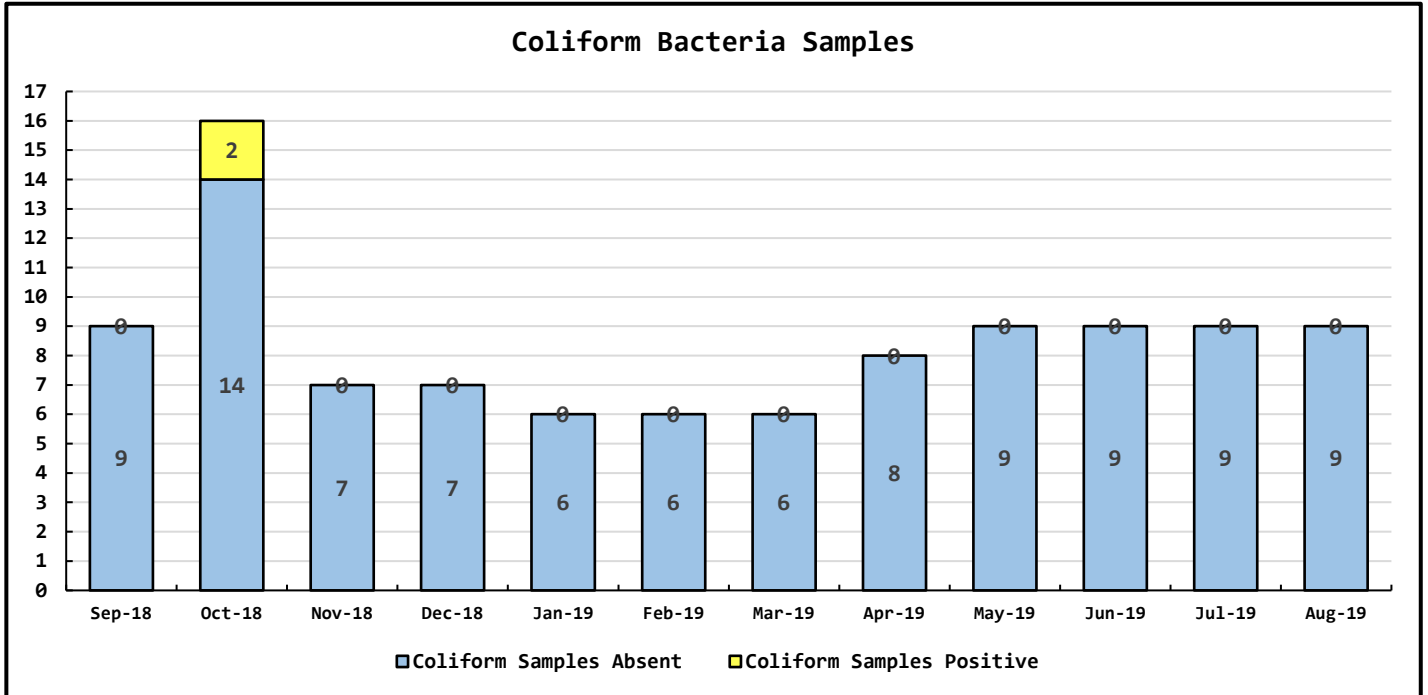
Data Period	Operations Data		
August, 2019	Past Due Accounts	279	ea
	Properties with Liens	27	ea
	Accounts Locked Off	6	ea
	Water Main Locates	32	ea
	Water Quality Complaints	0	ea
	Customer Service Calls	65	ea
	Customer Valves Installed	1	ea
	New Services Installed	2	ea

Data Period

Water Quality Data

August, 2019

Coliform Samples Collected	9	ea
Coliform Samples Absent	9	ea
Coliform Samples Positive	0	ea
Coliform Sample Positive E. coli	0	ea
NWF Arsenic Annual Running Average	4.62	ug/L
SWF Arsenic Running Annual Average	1.31	ug/L



General Manager's Report - September 2019

Bay Avenue Water Main Replacement Project

The project is complete. The Board needs to accept the project as complete and release retainage by resolution. Before the Board can take that action, Big River and their subcontractors need to file all required notices and affidavits with the Department of Labor and Industries and other State Agencies. Hopefully that will be before the end of the year.

Emond Easement Water Main Improvements

The crew has not finished the project this yet.

North Wellfield Treatment Plant

The NWF treatment plant is removing all contaminants to below the maximum contaminant levels (MCL).

South Wellfield Treatment Plant

The SWF treatment plant is removing all contaminants to below the maximum contaminant levels (MCL)

Water Main Breaks

The District experienced a water main break on Monday August 26, 2019 at 5:25 AM. It appears the main break had been running for over an hour before we got the call. The main break was on 274th near the intersection of Vernon Avenue. It was near the July main break. The cause of the main break appears to be pipe fatigue due to age. The pipe was asbestos Cement (AC) pipe installed more than 50 years ago. We replaced 60 feet of the aging AC pipe with C900 PVC pipe. The District should consider replacing all the AC pipe on 274th in the near future.

Due to this main break, I am investigating the cost of upgrading our telemetry to include high-flow and low-pressure alarms.

NWF Booster House

The North Wellfield Booster House experienced a leak in the distribution pipe (6-inch) underneath the floor slab. Water was coming up along an electrical conduit that penetrates the floor. This kind of water leak can be very costly. If the water main under the slab suffered a large rupture the entire building could be lost. Therefore, we ordered parts to reroute the distribution line through the wall instead of under the concrete floor. The work is complete and the NWF Booster station is back online. A technician has been scheduled to service the pressure reducing / sustaining valve. The total cost of the repair, when complete, will be over \$10,000.

The NWF Booster House still has the 12-inch suction line located under the concrete floor. The suction line is the same age as the distribution line. I have asked our engineer to investigate the cost of replacing the NWF Booster House along with funding sources.

