

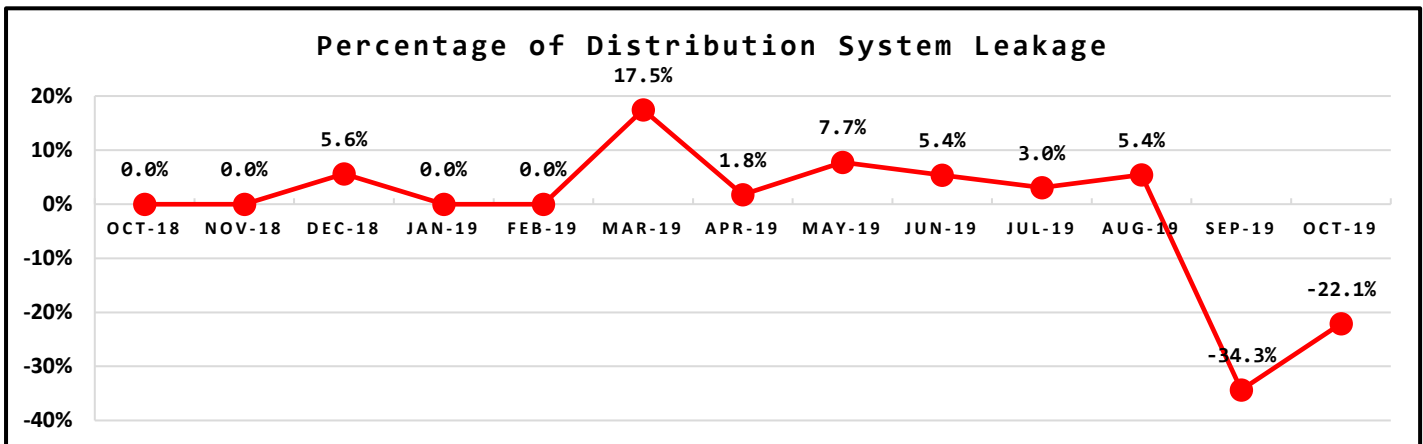
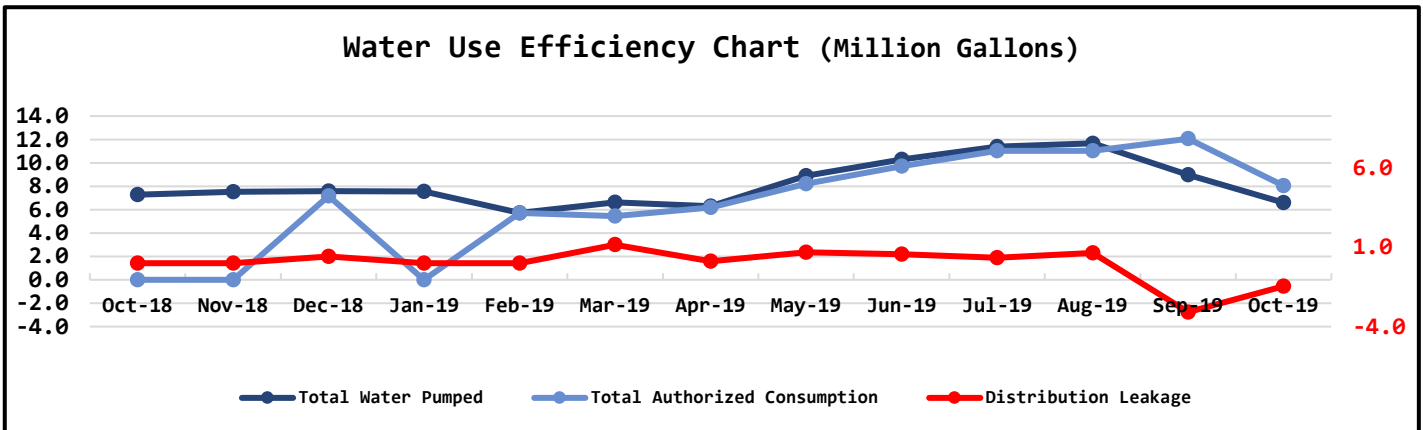
# NORTH BEACH WATER DISTRICT

## GENERAL MANAGERS REPORT

FOR  
November-2019

Metering Period		Water Production		
October 1, 2019	to	October 31, 2019	NWF Master Meter	4.1079 mg
			SWF Master Meter	2.4735 mg
			Total Water Pumped	6.5814 mg

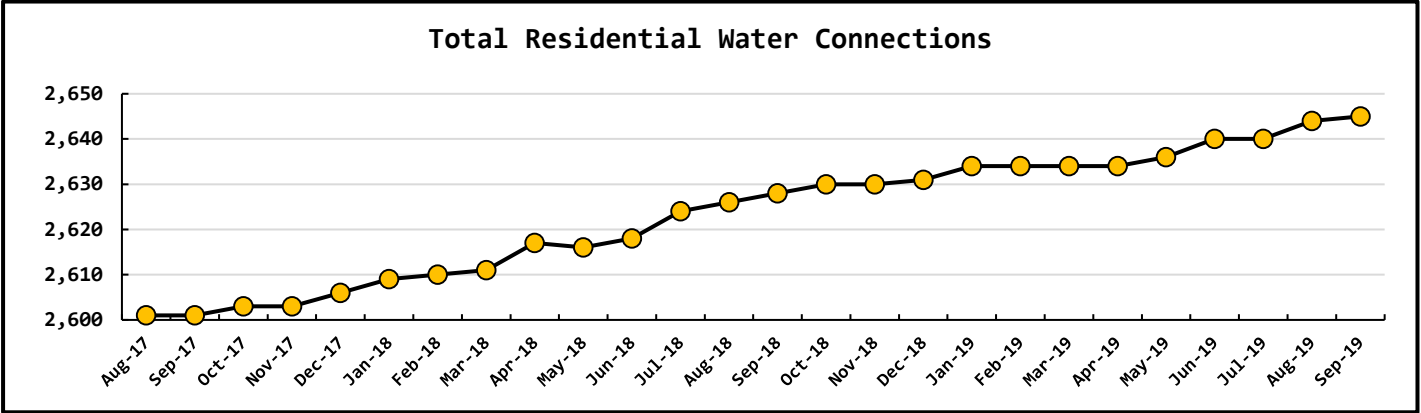
Metering Period		Water Consumption		
October 1, 2019	to	October 31, 2019	Total Water Sold	7.4745 mg
			NWF Backwash	0.1020 mg
			SWF Backwash	0.3963 mg
			Distribution Flushing	0.0642 mg
			Total Authorized Consumption	8.0370 mg
			Distribution Leakage	-1.4556 mg
			Percent of DSL	-22.1% %

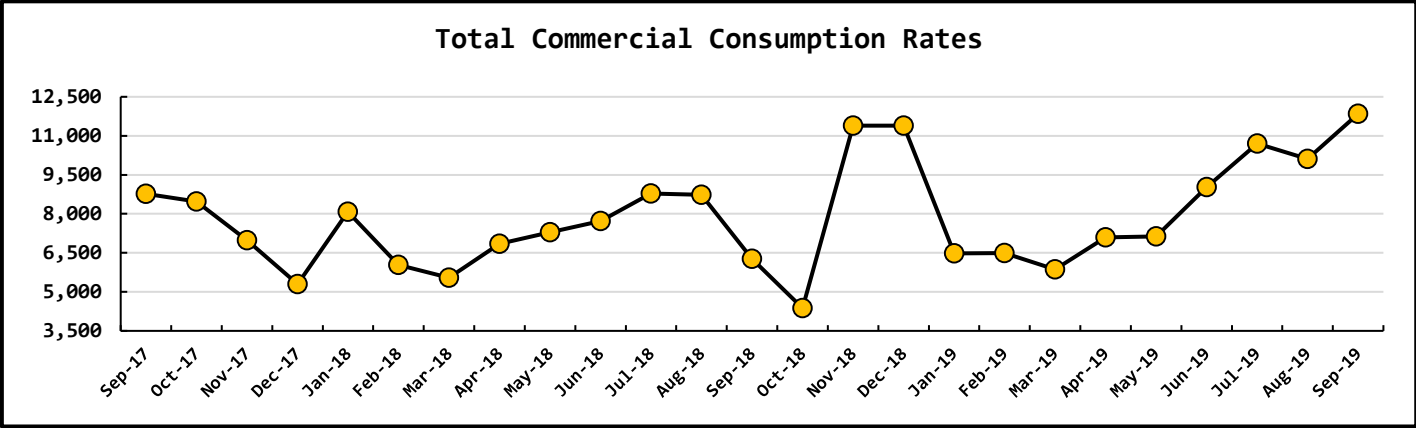
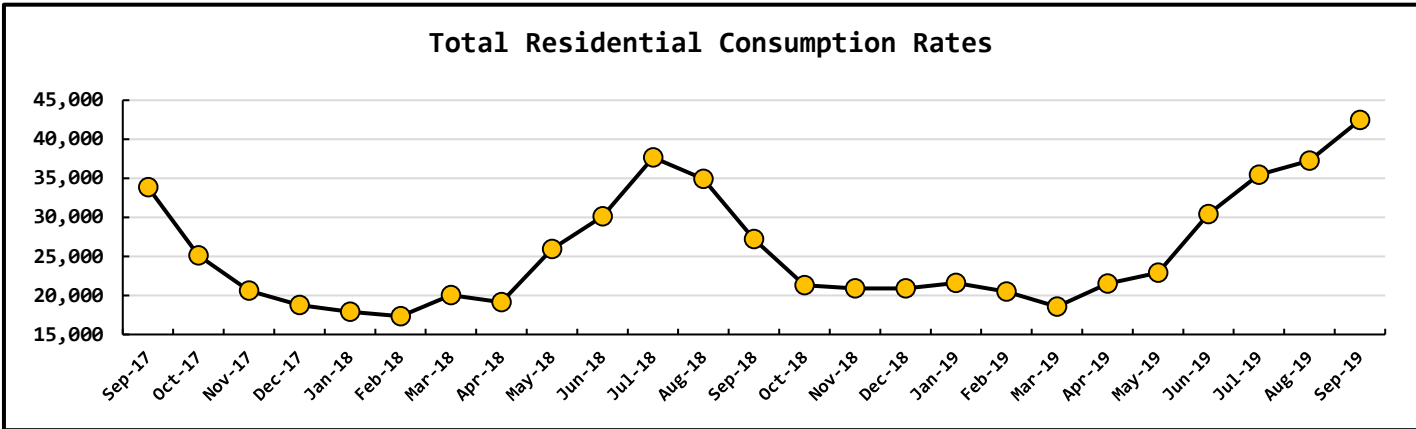
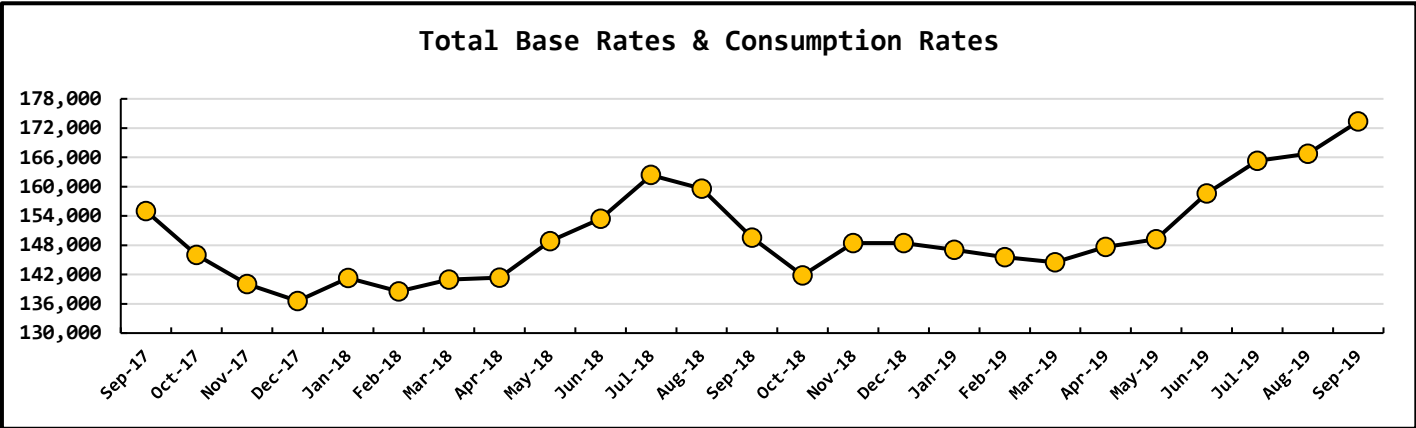


Data Period	Booster System Data		
October, 2019	North Wellfield Booster High	857	gpm
	North Wellfield Booster Low	0	gpm
	North Wellfield Booster Average	91	gpm
	South Wellfield Booster High	983	gpm
	South Wellfield Booster Low	0	gpm
	South Wellfield Booster Average	56	gpm
	North Wellfield Booster High	75	psi
	North Wellfield Booster Low	34	psi
	North Wellfield Booster Average	61	psi
	South Wellfield Booster High	74	psi
	South Wellfield Booster Low	35	psi
	South Wellfield Booster Average	57	psi

Data Period	Well Field Data		
October, 2019	North Wellfield Total	4.4351	mg
	South Wellfield Total	2.6345	mg

Data Period	Accounts Data			
October, 2019	Residential Base Rate		111,411 \$	
	Residential Consumption		28,040 \$	
	Commercial Base Rate		8,134 \$	
	Residential Accounts	2,647 ea	Commercial Consumption	8,803 \$
	Commercial Accounts	101 ea	Fire Flow Rate	1,024 \$
	Fire Flow Accounts	4 ea	Backflow Assembly Rates	177 \$
	Backflow Accounts	26 ea	Surfside Contract	5,454 \$
	Surfside Reimbursement		162 \$	
	Other Fees & Charges		4,565 \$	
	Total		167,770 \$	





Data Period	Operations Data		
October, 2019	Past Due Accounts	295	<i>ea</i>
	Properties with Liens	30	<i>ea</i>
	Accounts Locked Off	11	<i>ea</i>
	Water Main Locates	31	<i>ea</i>
	Water Quality Complaints	0	<i>ea</i>
	Customer Service Calls	66	<i>ea</i>
	Customer Valves Installed	0	<i>ea</i>
	New Services Installed	0	<i>ea</i>

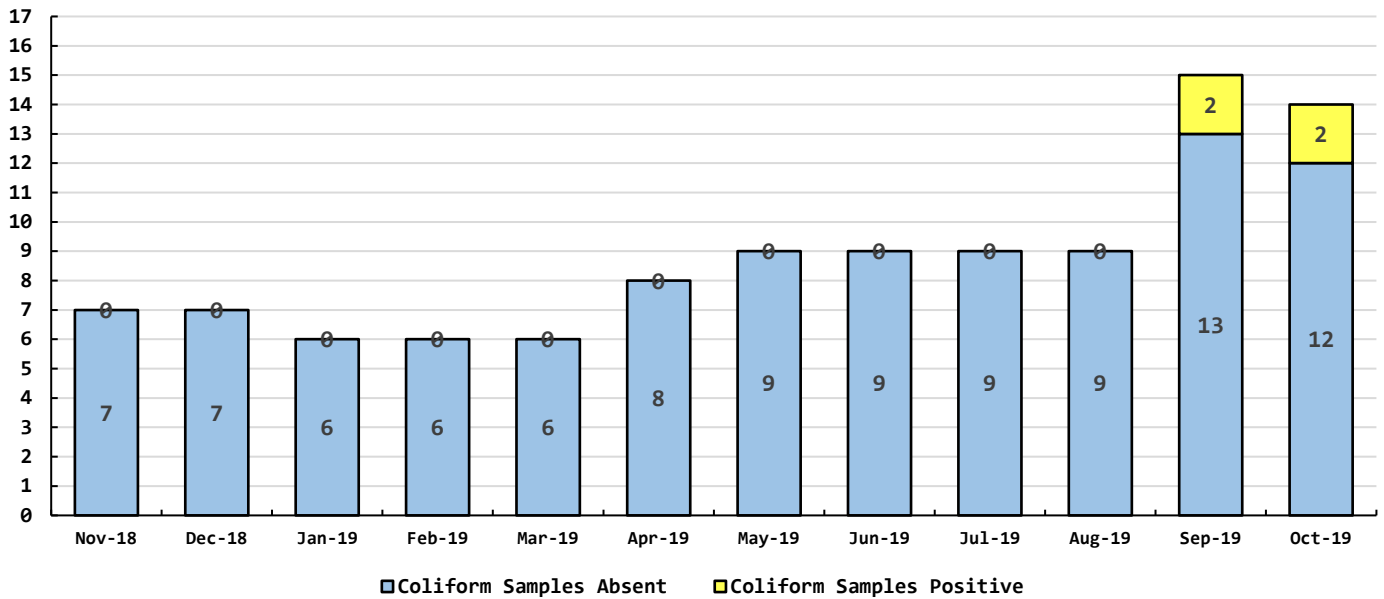
**Data Period**

**Water Quality Data**

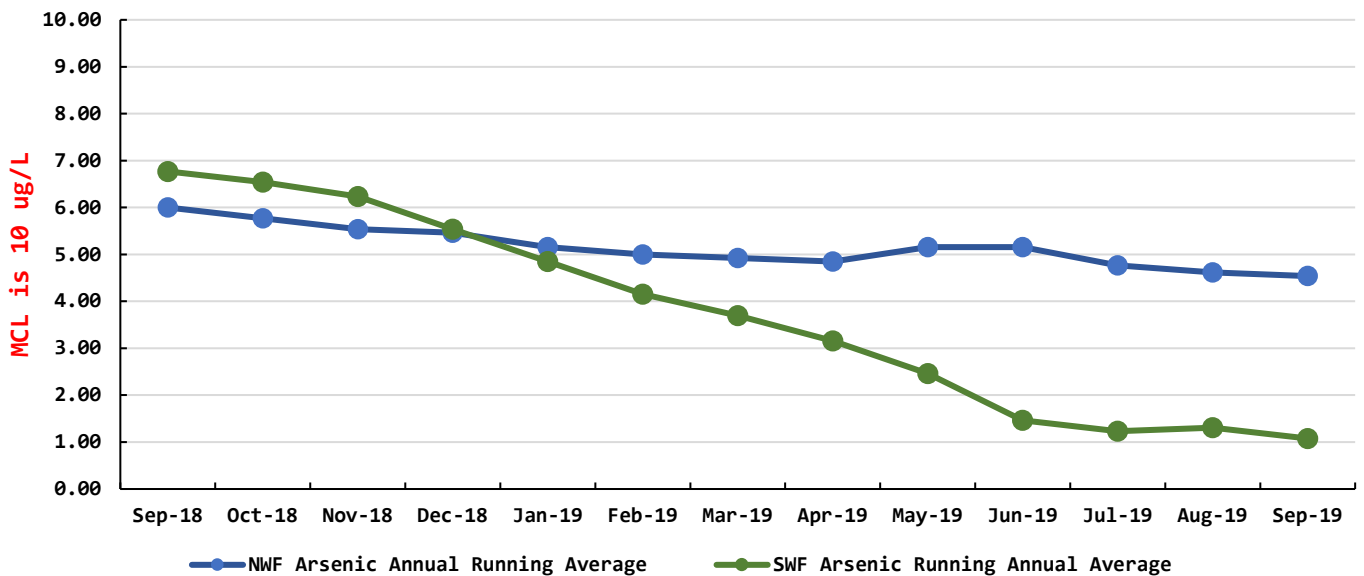
October, 2019

Coliform Samples Collected	14	ea
Coliform Samples Absent	12	ea
Coliform Samples Positive	2	ea
Coliform Sample Positive E. coli	0	ea
NWF Arsenic Annual Running Average	4.38	ug/L
SWF Arsenic Running Annual Average	1.08	ug/L

**Coliform Bacteria Samples**



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



## General Manager's Report - October 2019

### **Emond Easement Water Main Improvements**

The Emond Water Main Loop is complete. It passed a pressure test, coliform bacteria test, and has been commissioned.

### **North Wellfield Treatment Plant**

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

### **South Wellfield Treatment Plant**

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

### **Water Main Breaks**

No main breaks in October.

### **Meter Reading Software**

The new meter reading software has been ordered. We working with the software vender to schedule installation, implementation, and training.

### **Coliform Bacteria Testing**

Two of the eight routine coliform bacteria samples in October tested positive for coliform bacteria. All (6) repeat coliform bacteria water samples and both Ground Water Rule Source Samples have been analyzed by our laboratory (BSK Analytical Laboratories in Vancouver Washington). All samples were satisfactory.

The next step for the District is to conduct a level 2 assessment. I have contracted with Gray & Osborne to conduct the level 2 assessment. The District's staff will be assisting Gray & Osborne as they complete the assessment. We will be going over our infrastructure with a fine-tooth comb to identify any sanitary defects that could be allowing bacteria to enter the distribution system.

If the assessment identifies sanitary defect(s), they must be corrected by November 25, 2019. If it is not possible to correct the sanitary defect(s) by November 25, 2019, The District must prepare a corrective action plan to correct the sanitary defect(s), including a time schedule for completion, to the Office of Drinking Water by November 25, 2019.

Gray & Osborne will start the assessment on Tuesday November 5, 2019. The estimated cost of the assessment is \$5,000.00.