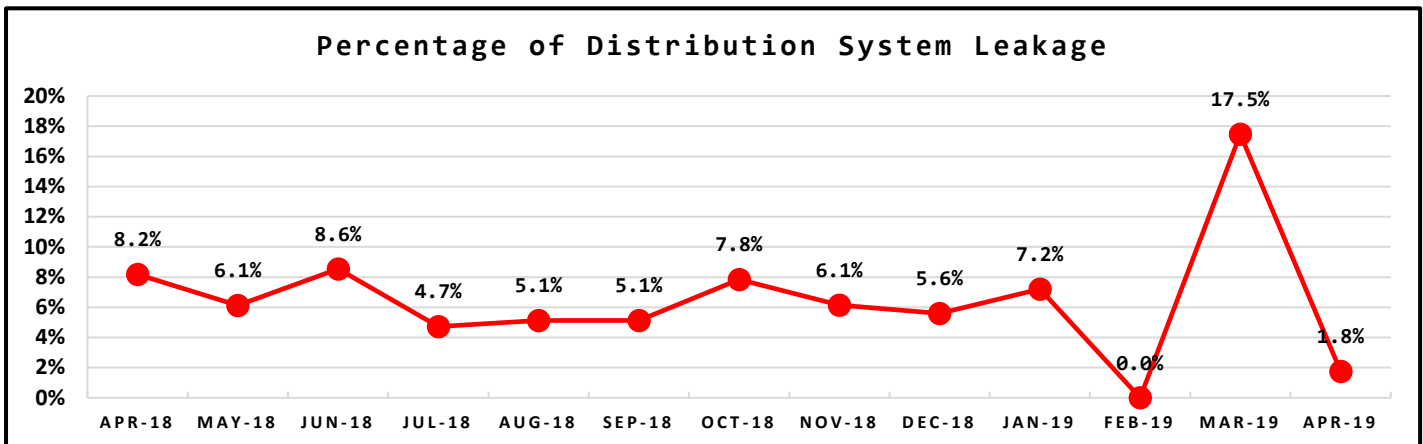
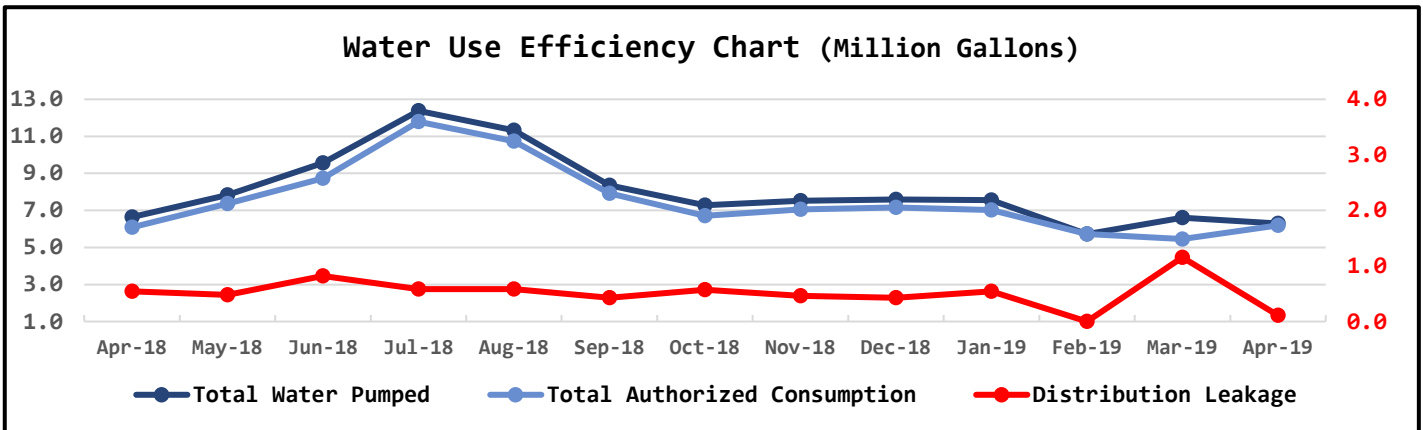


# NORTH BEACH WATER DISTRICT GENERAL MANAGERS REPORT

FOR  
June-2019

Metering Period		Water Production		
April 1, 2019	to	May 1, 2019	NWF Master Meter	4.9381 mg
			SWF Master Meter	1.3630 mg
			Total Water Pumped	6.3011 mg

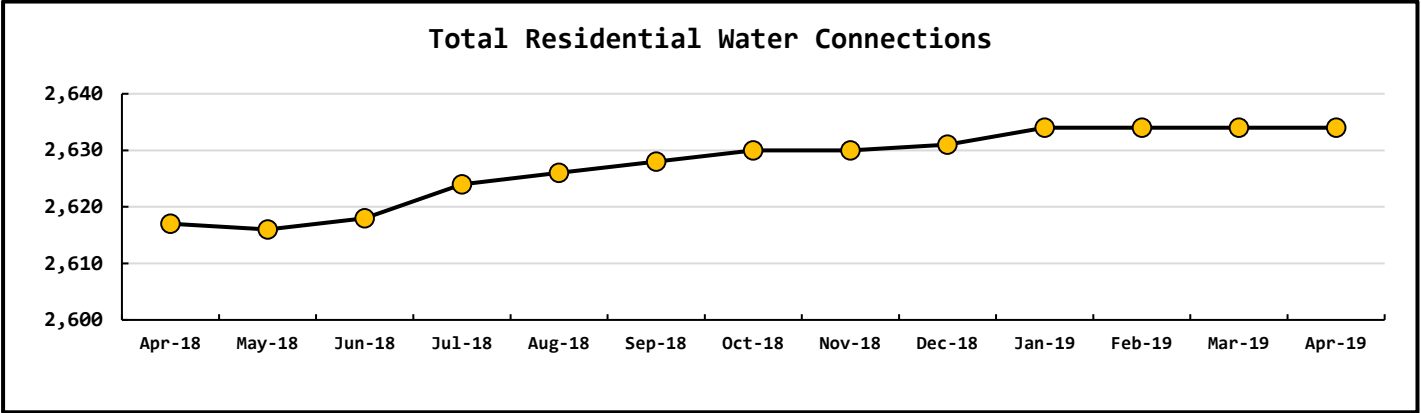
Metering Period		Water Consumption		
April 1, 2019	to	May 1, 2019	Total Water Sold	5.8337 mg
			NWF Backwash	0.1122 mg
			SWF Backwash	0.2448 mg
			Distribution Flushing	0.0000 mg
			Total Authorized Consumption	6.1907 mg
			Distribution Leakage	0.1104 mg
			Percent of DSL	1.8% %

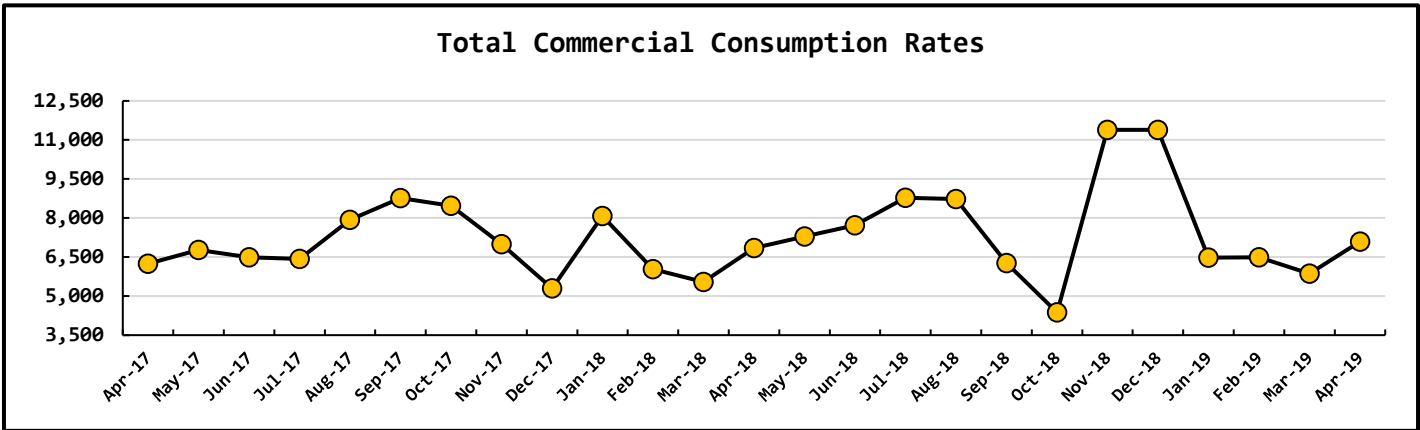
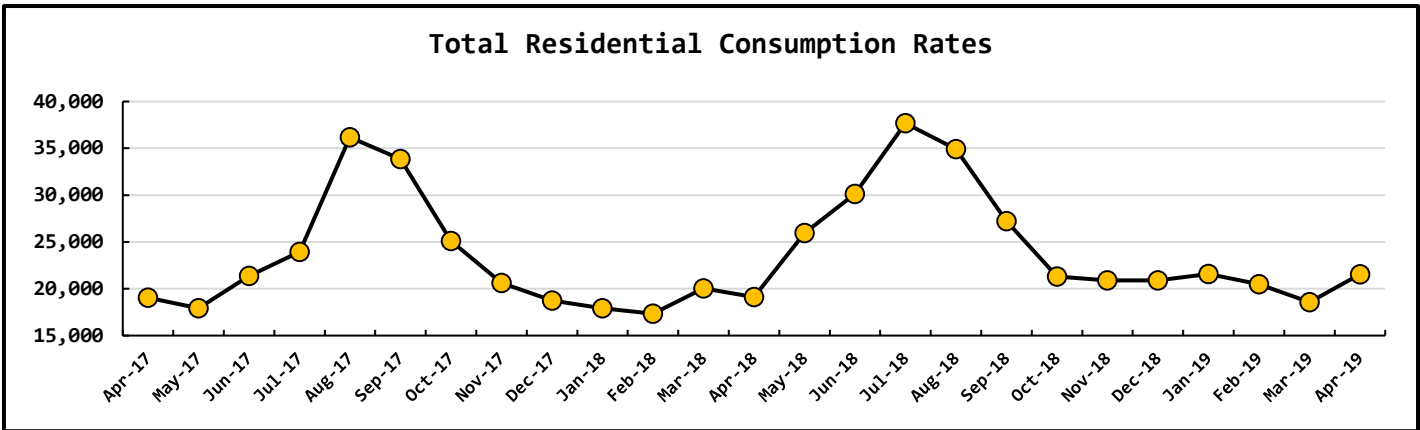
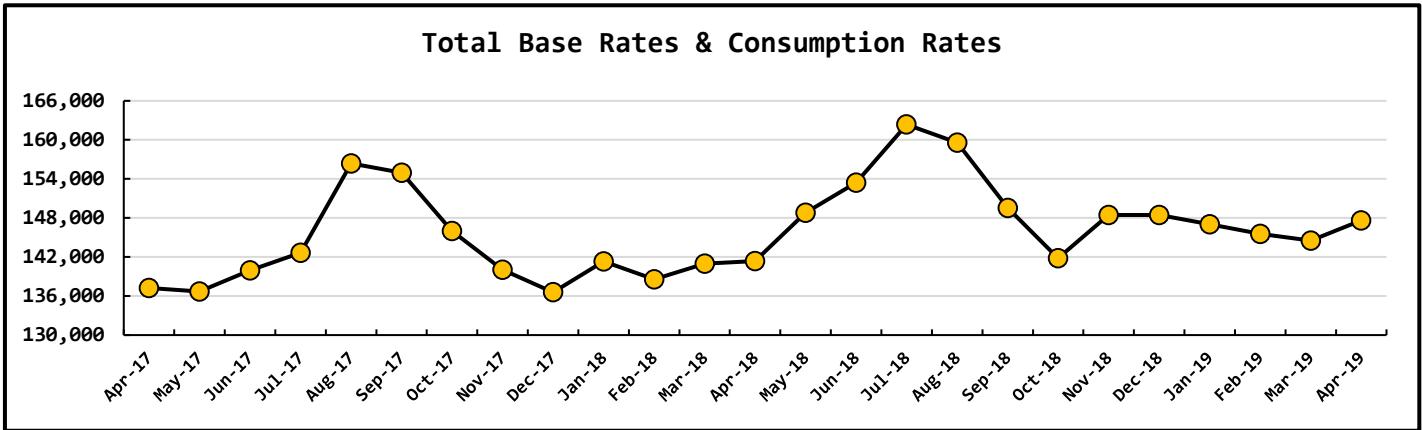


Data Period	Booster System Data		
March, 2019	North Wellfield Booster High	588	<i>gpm</i>
	North Wellfield Booster Low	0	<i>gpm</i>
	North Wellfield Booster Average	120	<i>gpm</i>
	South Wellfield Booster High	916	<i>gpm</i>
	South Wellfield Booster Low	0	<i>gpm</i>
	South Wellfield Booster Average	32	<i>gpm</i>
	North Wellfield Booster High	67	<i>psi</i>
	North Wellfield Booster Low	48	<i>psi</i>
	North Wellfield Booster Average	62	<i>psi</i>
	South Wellfield Booster High	70	<i>psi</i>
	South Wellfield Booster Low	46	<i>psi</i>
	South Wellfield Booster Average	63	<i>psi</i>

Data Period	Well Field Data		
March, 2019	North Wellfield Total	5.4022	<i>mg</i>
	South Wellfield Total	1.4185	<i>mg</i>

Data Period	Accounts Data					
March, 2019	Residential Base Rate		110,854	\$		
	Residential Consumption		21,532	\$		
	Commercial Base Rate		8,151	\$		
	Residential Accounts	2,634	<i>ea</i>	Commercial Consumption	7,093	\$
	Commercial Accounts	102	<i>ea</i>	Fire Flow Rate	1,024	\$
	Fire Flow Accounts	4	<i>ea</i>	Backflow Assembly Rates	170	\$
	Backflow Accounts	27	<i>ea</i>	Surfside Contract	5,454	\$
	Surfside Reimbursement		157	\$		
	Other Fees & Charges		4,405	\$		
	Total		158,838	\$		





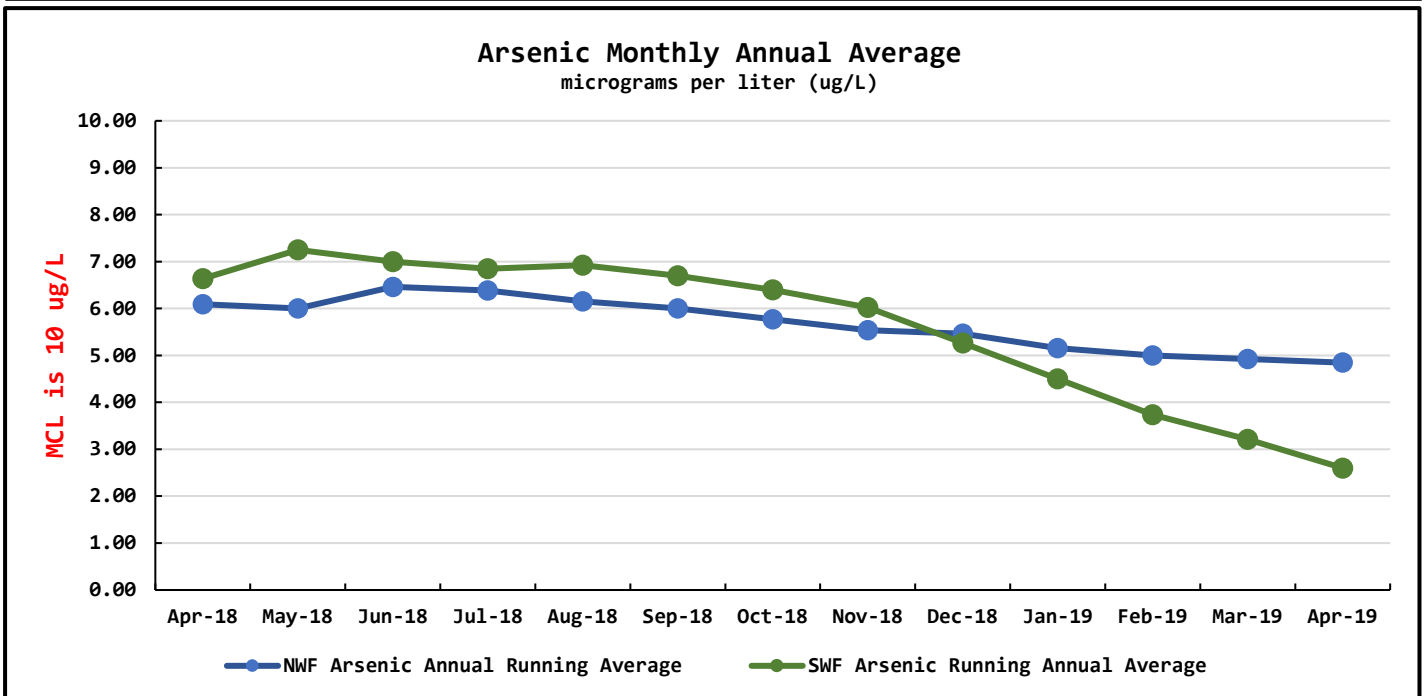
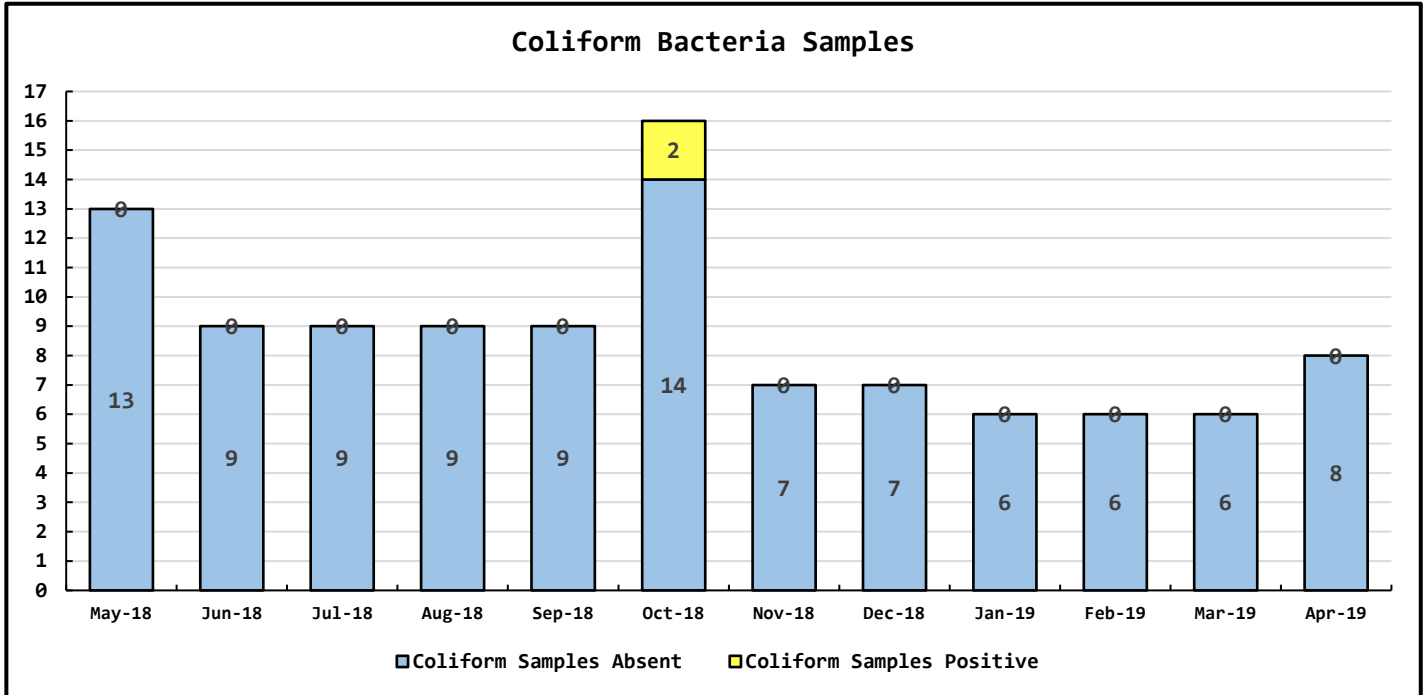
Data Period	Operations Data		
March, 2019	Past Due Accounts	295	<i>ea</i>
	Properties with Liens	32	<i>ea</i>
	Accounts Locked Off	6	<i>ea</i>
	Water Main Locates	32	<i>ea</i>
	Water Quality Complaints	1	<i>ea</i>
	Customer Service Calls	55	<i>ea</i>
	Customer Valves Installed	1	<i>ea</i>
	New Services Installed	2	<i>ea</i>

**Data Period**

**Water Quality Data**

March, 2019

Coliform Samples Collected	8	ea
Coliform Samples Absent	8	ea
Coliform Samples Positive	0	ea
Coliform Sample Positive E. coli	0	ea
NWF Arsenic Annual Running Average	4.85	ug/L
SWF Arsenic Running Annual Average	2.60	ug/L



## General Manager's Report - June 2019

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### **Bay Avenue Water Main Replacement Project**

Big River has substantially completed the Bay Avenue Water Main Project. There are a few punch list items that need to be completed.

Dennis Noyes, Washington State Department of Transportation (WSDOT), approved the restoration work completed in WSDOT right of way (east of Vernon Avenue). Mr. Noyes did request a stump on the east end of the project be ground to below grade.

WSDOT will require the planting of small trees to replace trees removed in the WSDOT right of way during the Bay Avenue Water Main Replacement project. The exact number of trees and the placement will be determined later in the year.

Glen McCully, Pacific County Public Works, approved the restoration work completed in the Pacific County right of way (west of Vernon Avenue).

A Resolution for board approval of the project and final payment will be considered at the July 2019 regular meeting.

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

Work on the Emond Easement Water Main Improvement project has started. The work should be completed in June 2019.

### **Marshall Water Main Extension Agreement**

Darren and Karen Marshall's contractor, DPR Developers, Inc, started the water main extension on 187<sup>th</sup> Place west of HWY 103. The District installed a fire hydrant at the intersection of 187<sup>th</sup> Place and HWY 103 at its expense in conjunction with this project. The work should be completed in three of four days. A Resolution accepting the water main extension and a late commers agreement will be considered by the board at the July regular meeting.

### **North Wellfield Treatment Plant**

The NWF treatment plant is removing all contaminants to below the maximum contaminant levels (MCL). The arsenic level, although below the MCL, was elevated in May 2019. We may need to consider adding ferric chloride (iron) to optimize arsenic removal at the NWF. Adding ferric chloride will cost approximately \$30,000. The Department of Health (DOH) will require a design by an engineer and a pilot test conducted by an engineer before starting a ferric chlorine treatment addition.