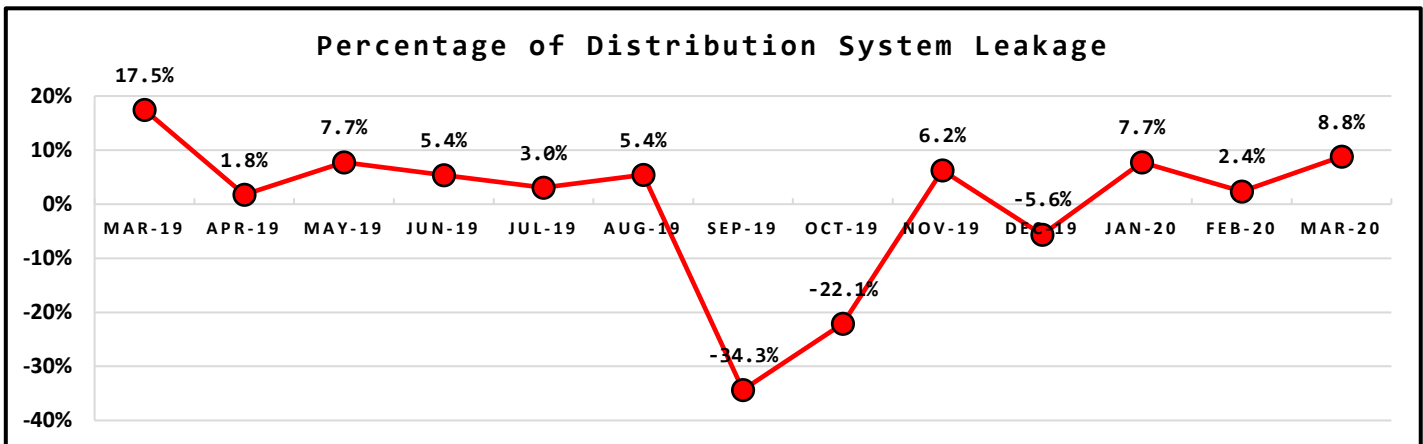
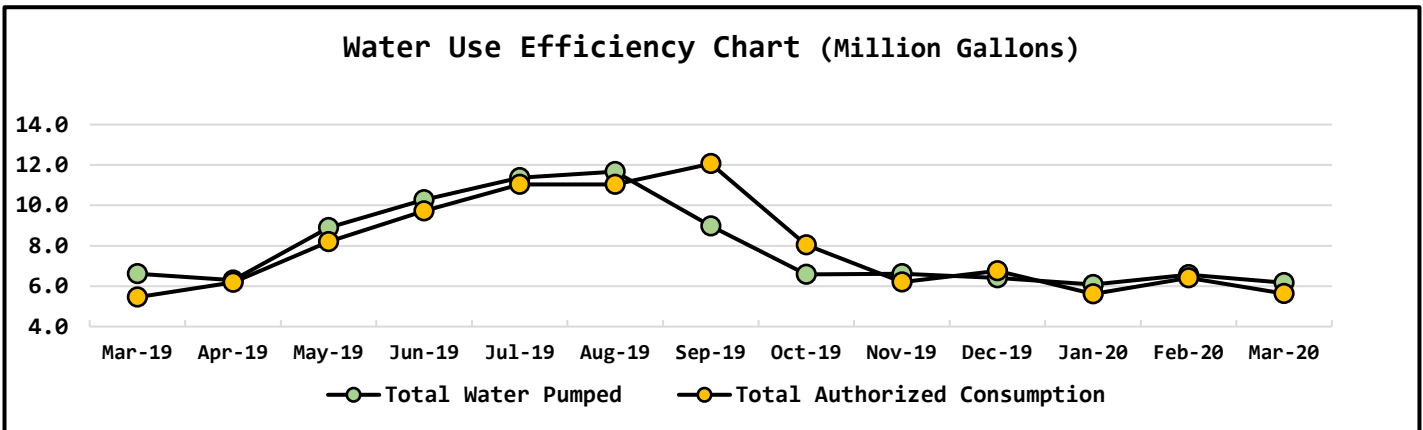


NORTH BEACH WATER DISTRICT GENERAL MANAGERS REPORT

FOR
March-2020

Metering Period		Water Production		
March 1, 2020	to	March 31, 2020	NWF Master Meter	4.2225 mg
			SWF Master Meter	1.9547 mg
			Total Water Pumped	6.1772 mg

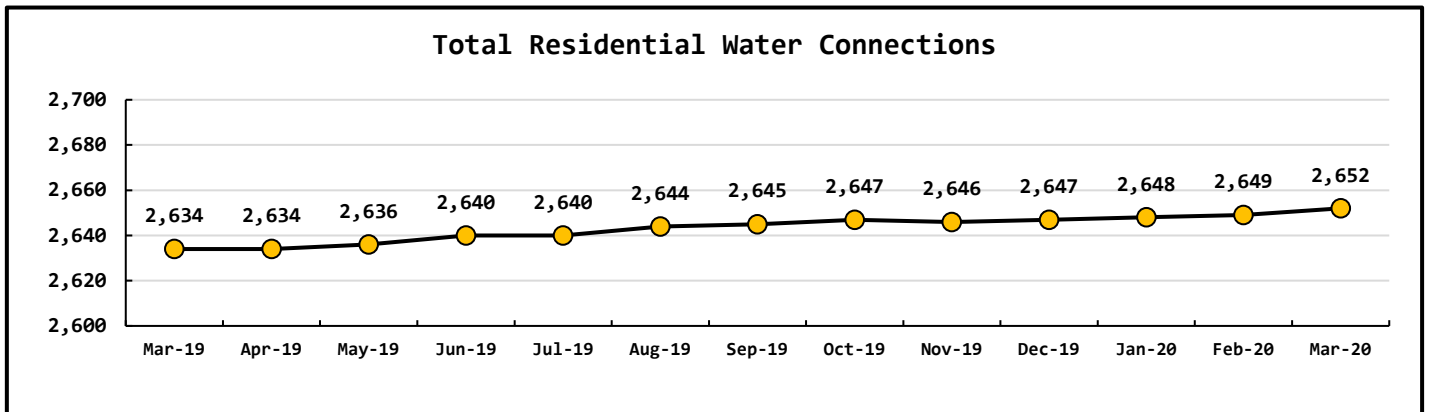
Metering Period		Water Consumption		
March 1, 2020	to	March 31, 2020	Total Water Sold	5.2418 mg
			NWF Backwash	0.0019 mg
			SWF Backwash	0.3908 mg
			Distribution Flushing	0.0003 mg
			Total Authorized Consumption	5.6348 mg
			Distribution Leakage	0.5424 mg
			Percent of DSL	8.8% %

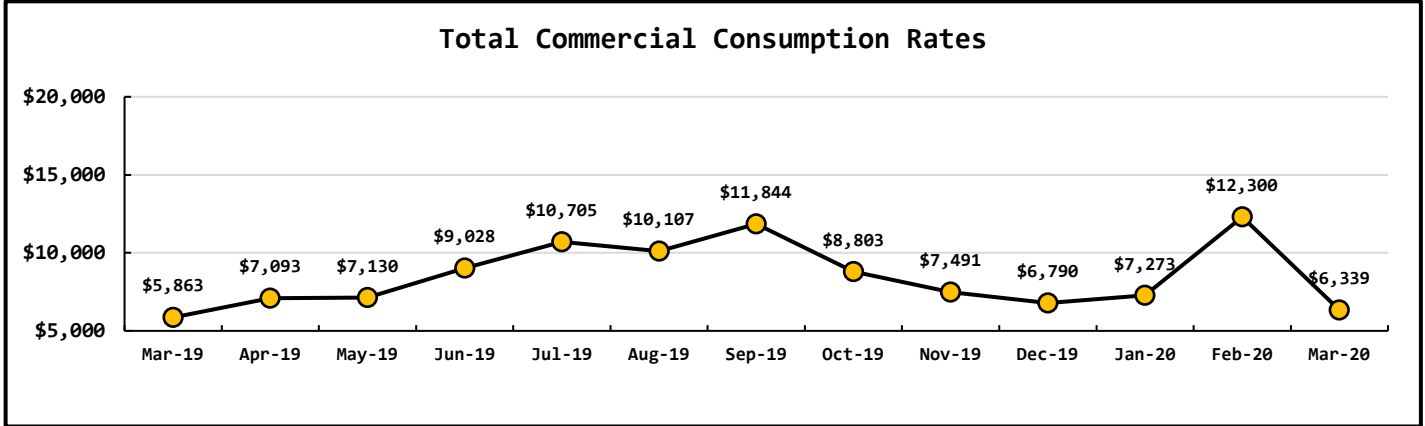
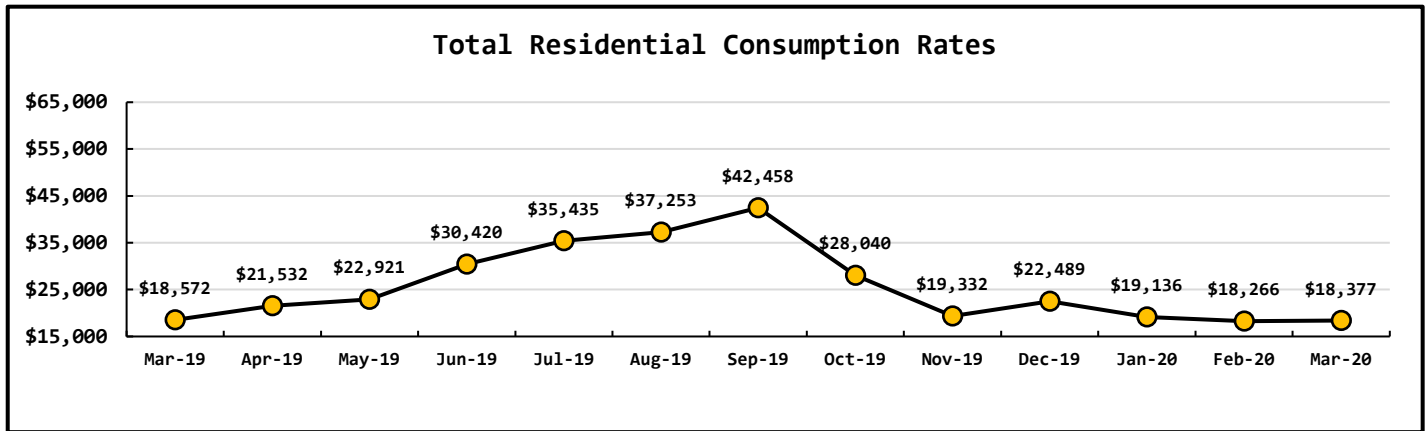
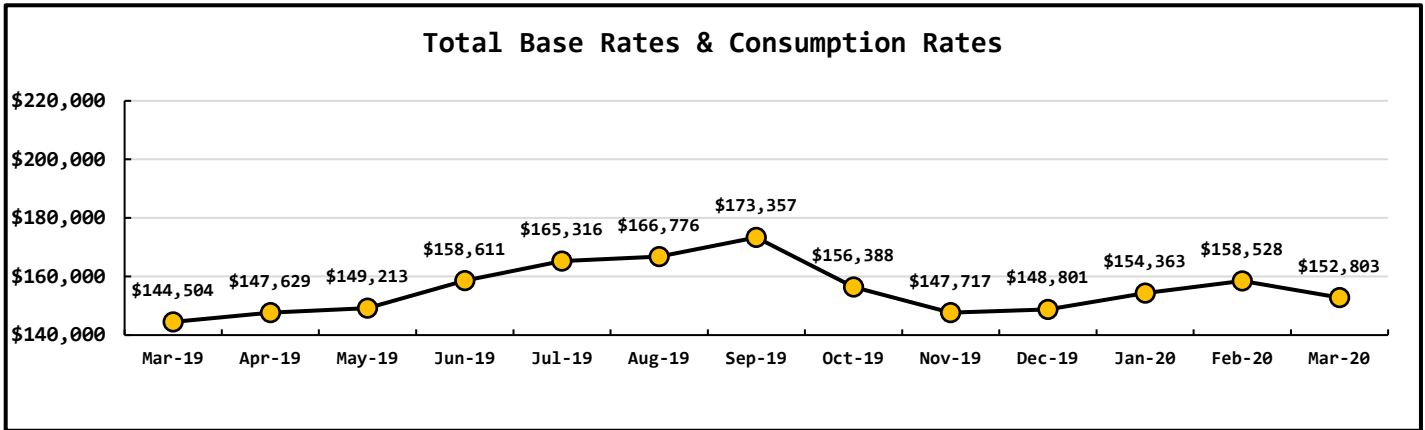


Data Period	Booster System Data		
March, 2020	North Wellfield Booster High	737	<i>gpm</i>
	North Wellfield Booster Low	0	<i>gpm</i>
	North Wellfield Booster Average	86	<i>gpm</i>
	South Wellfield Booster High	1012	<i>gpm</i>
	South Wellfield Booster Low	0	<i>gpm</i>
	South Wellfield Booster Average	58	<i>gpm</i>
	North Wellfield Booster High	70	<i>psi</i>
	North Wellfield Booster Low	0	<i>psi</i>
	North Wellfield Booster Average	60	<i>psi</i>
	South Wellfield Booster High	69	<i>psi</i>
	South Wellfield Booster Low	38	<i>psi</i>
	South Wellfield Booster Average	61	<i>psi</i>

Data Period	Well Field Data		
March, 2020	North Wellfield Total	4.2225	<i>mg</i>
	South Wellfield Total	1.9547	<i>mg</i>

Data Period	Accounts Data					
March, 2020	Residential Base Rate		119,417	\$		
	Residential Consumption		18,377	\$		
	Commercial Base Rate		8,670	\$		
	Residential Accounts	2,652	<i>ea</i>	Commercial Consumption	6,339	\$
	Commercial Accounts	100	<i>ea</i>	Fire Flow Rate	1,108	\$
	Fire Flow Accounts	4	<i>ea</i>	Backflow Assembly Rates	188	\$
	Backflow Accounts	28	<i>ea</i>	Surfside Contract	0	\$
	Surfside Reimbursement		0	\$		
	Other Fees & Charges		6,765	\$		
	Total		160,863	\$		





Data Period	Operations Data		
March, 2020	Past Due Accounts	295	<i>ea</i>
	Properties with Liens	31	<i>ea</i>
	Accounts Locked Off	0	<i>ea</i>
	Water Main Locates	19	<i>ea</i>
	Water Quality Complaints	0	<i>ea</i>
	Customer Service Calls	73	<i>ea</i>
	Customer Valves Installed	0	<i>ea</i>
	New Services Installed	3	<i>ea</i>

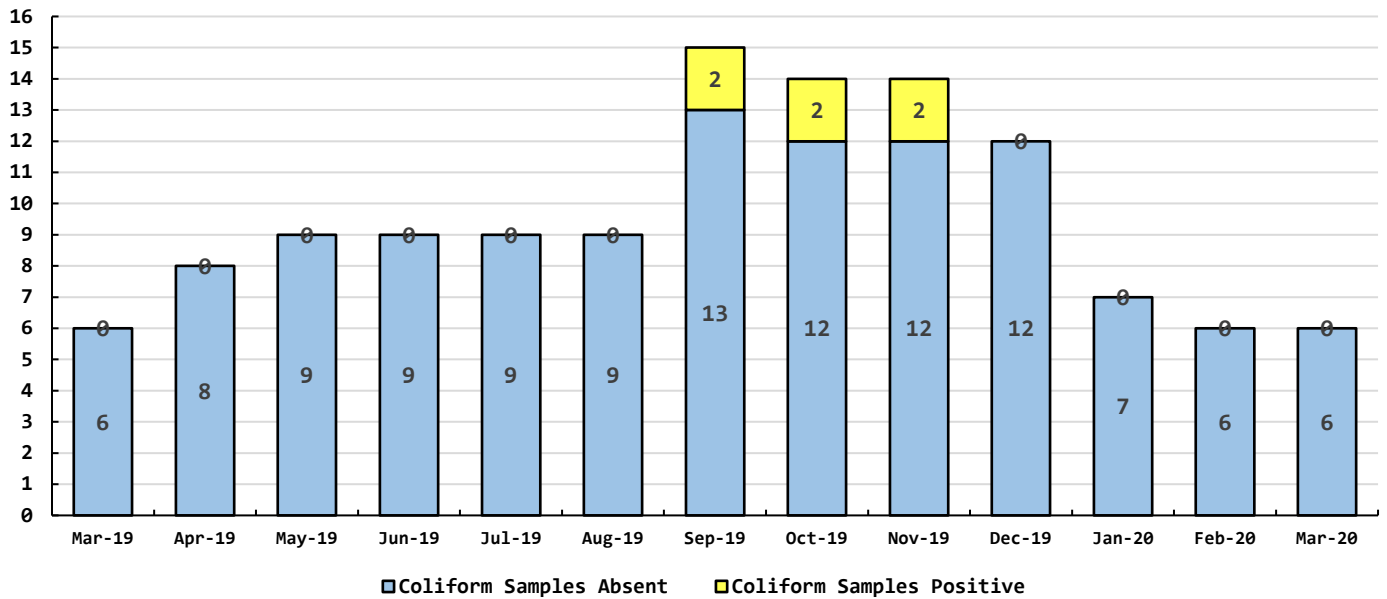
Data Period

Water Quality Data

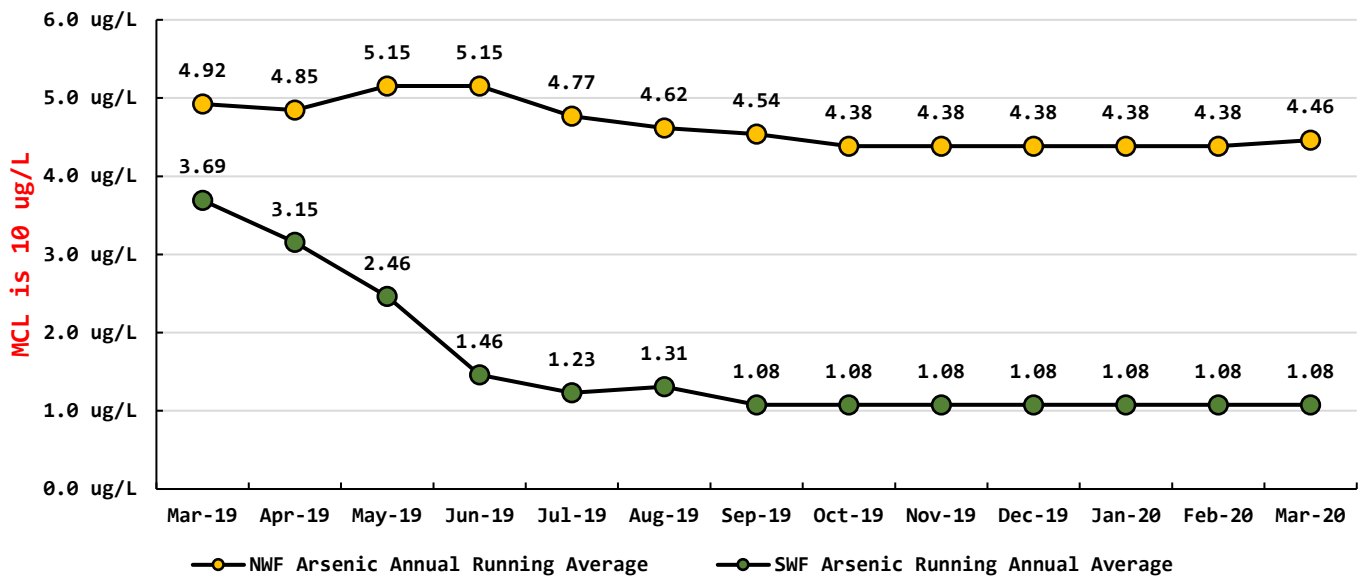
March, 2020

Coliform Samples Collected	6	ea
Coliform Samples Absent	6	ea
Coliform Samples Positive	0	ea
Coliform Sample Positive E. coli	0	ea
NWF Arsenic Annual Running Average	4.46	ug/L
SWF Arsenic Running Annual Average	1.08	ug/L

Coliform Bacteria Samples



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



March 2020

Coronavirus- shut offs opened and lock offs removed if owner was home.

Jake on the 21st went out to open shut off accounts, of the 35.

He opened 1,

2 – where under construction. Requested that they not be turned on,

2- Didn't want to be turned back on. (Refused)

30 – Vacant or no one was home, door hangers applied.

Line break 247th W st PUD pulled stump.

Pac.Co on 256th LN sink hole in road apron, Called to site request by Road Foreman. Suspected that waterline was leaking and creating voids causing the damage in the road. No leak county needs to camera their drainage main to check for holes.

3 service installations:

Tools - Distribution crew:

Tool inventory of line crew trucks 3/25/20:

Equipment Maintenance - Light plant, set up & run for an hour, Mower replaced battery,

Dennis installed air relief valve on backwash in line:

Flow meter moved into backwash in line **NWF**:

Located valves in NWF that were buried.

GIS locating valves - found 4 valves in the distribution system that where buried. Located & entered system. Map Calibration required by Mark Scott.

2019 NOVEL CORONAVIRUS OUTBREAK FINANCIAL EFFECTS

NORTH BEACH WATER DISTRICT

PACIFIC COUNTY WASHINGTON

On January 21, 2020, the Centers for Disease Control and Prevention (CDC) and Washington State Department of Health announced the first case of 2019 Novel Coronavirus in the United States in Washington State.

On March 11, 2020, the Washington State death toll in the state reached 27, with 235 confirmed cases. The World Health Organization declared the coronavirus outbreak a pandemic. Governor Inslee banned gatherings of more than 250 people in King, Pierce and Snohomish counties, including weddings.

On March 13, 2020, the Washington State death toll in the state reached 37, with 570 confirmed cases President Trump declared a national emergency. Governor Inslee said all Washington schools would be closed until April 24, so the first day back would be April 27.

On March 15, 2020, the Washington State death toll in the state reached 42, with 772 confirmed cases. Governor Inslee announced that all entertainment and recreational facilities, including gyms, will close, as well as bars and restaurants; however, restaurants will be allowed to do takeout and delivery.

On March 18, 2020, the Washington State death toll in the state reached 67, with 1,187 confirmed cases. President Trump announced he'd invoke the 1950 Defense Production Act to ensure medical professionals had essential supplies be available to hospitals. Governor Inslee announced a 30-day statewide moratorium on evictions. The governor also called on all public utilities around the state to waive late fees, expand programs that offer assistance with bills, and to suspend disconnection tariffs for nonpayment during the emergency.

On March 19, 2020, the Washington State death toll in the state reached 74, with 1,376 confirmed cases. All clam digs in Pacific County were canceled indefinitely by the Pacific County deputy health officer.

On March 20, 2020, the Washington State death toll in the state reached 81, with 1,512 confirmed cases. Governor Inslee sent a letter to President Trump requesting a federal major disaster declaration. Governor Inslee did not issue a shelter-in-place order but said he could take legally binding action if people did not take proper steps for social distancing.

On March 23, 2020, the Washington State death toll in the state reached 110, with 2,221 confirmed cases. Governor Inslee directed Washington residents to stay home by executive order. Inslee's executive order had exceptions for essential critical infrastructure workers, including first responders. Grocery stores, pharmacies, convenience stores, liquor stores that sell food, food banks and farmers' markets were among businesses that could stay open.

On March 26, 2020, the Washington State death toll in the state reached 147, with 3,207 confirmed cases. More than 133,000 people in Washington filed for unemployment benefits in the previous week.

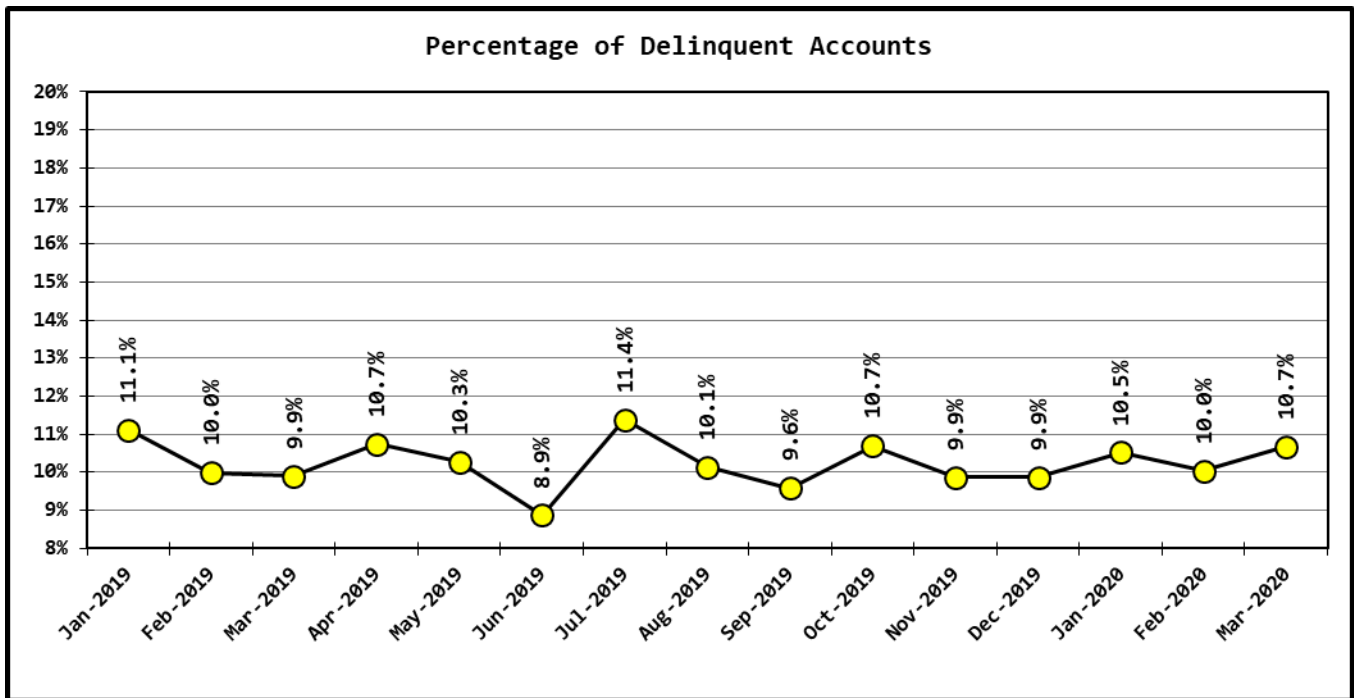
The 2019 novel coronavirus outbreak has required extraordinary measures, as listed above, be taken by governments and institutions in order to preserve life. Although these measures are necessary, they are not without consequences.

The North Beach Water District's Board of Commissioners recognize its responsibility to protect the health of its customers and to protect the financial health of the public water system.

Therefore, on March 20, 2020 at a Special Meeting the Board of Commissioners, by motion and unanimous vote, approved to temporarily extend the employment of their retiring General Manager, Bill Neal, for the specific purpose assisting the District with Financial decisions by tracking and projecting revenue and expenses during the 2019 novel coronavirus outbreak.

Below is the first report based on historical data and data from the first month of 2019 novel coronavirus shutdown, March 2020:

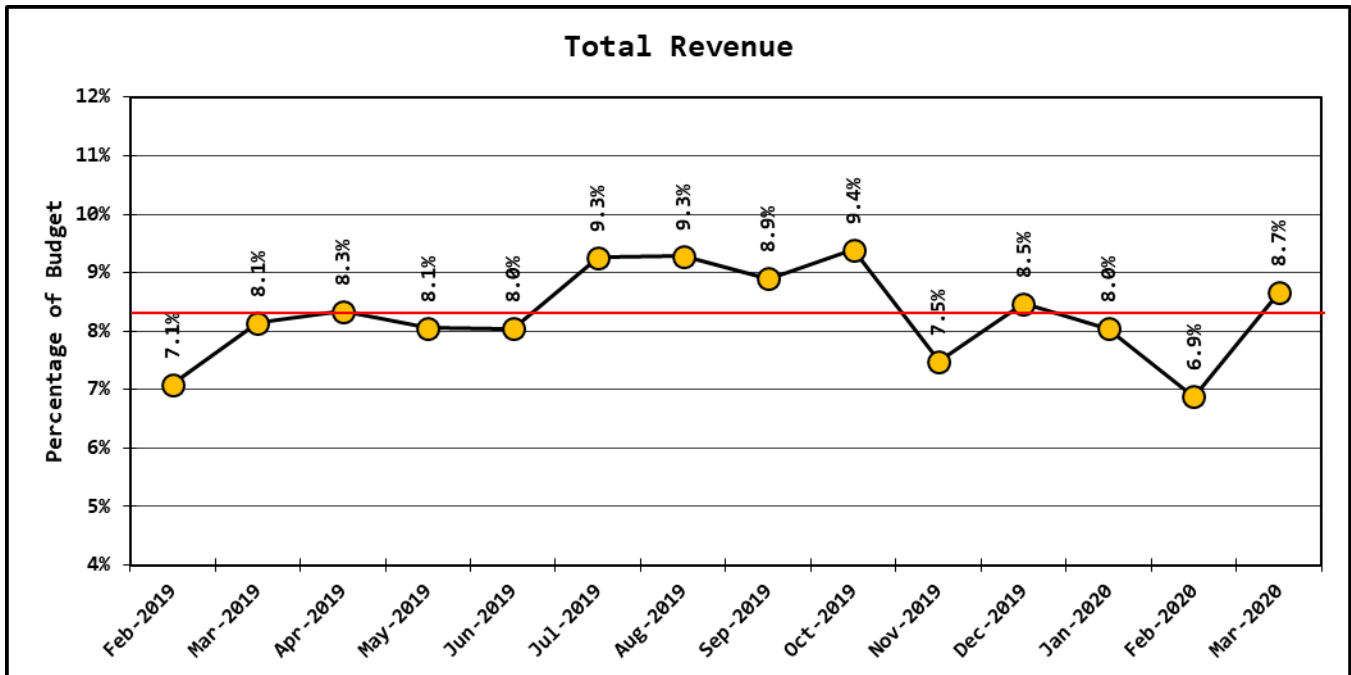
Delinquent Accounts



One of the indicators of financial stress on the ratepayers of a utility is the percentage of customers paying their bills late. The above chart shows the percentage of customers who pay their bill late each month. In March 2020, first month of 2019 novel coronavirus shutdown, 10.7% of customer accounts were delinquent. That is on the high side of normal for the District. Currently, there is no indication of financial stress to ratepayers in the March delinquency numbers.

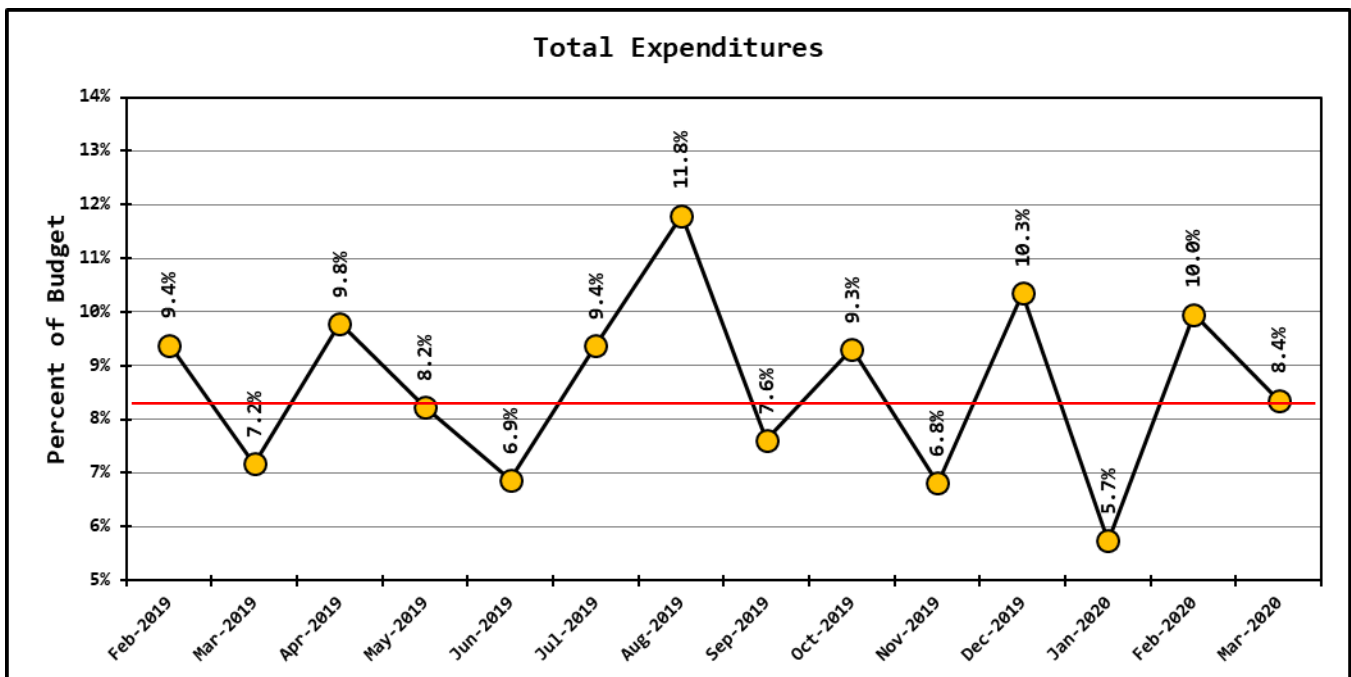
In accordance with the Governors March 18 request, the District has suspended all service disconnections (Lock-Off) in March 2020. Starting in April 2020, late fees will not be charged as well. Late fees and lock off fees are generally \$5,000 to \$6,000 per month.

Revenue:



Another indicator of financial stress on the ratepayers of a utility is the revenue collected each month as a percentage of budgeted revenue. The above chart shows the revenue collected each month as a percentage of budgeted revenue for the year. In March 2020, the first month of 2019 novel coronavirus shutdown, the District collected 8.7% of the budgeted income for the year. Currently, there is no indication of financial stress to ratepayers in the March revenue numbers.

Expenses:



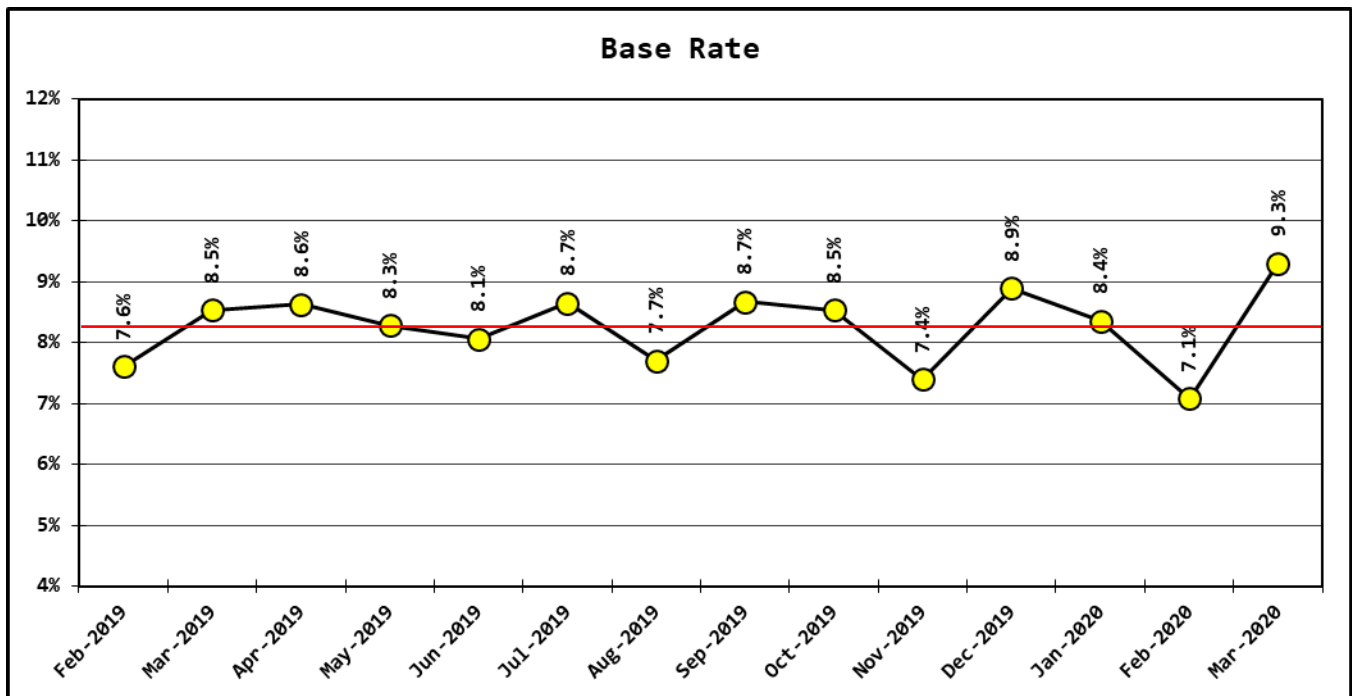
During times of potential revenue shortfalls, it is prudent to implement austerity measures to preserve reserve funds. Therefore, on March, 20, 2020, the District’s General Manager instructed key employees to curtail discretionary spending and suspend all 2020 capital improvement projects. Unfortunately, in late March and early April the North Wellfield Treatment Plant required some unscheduled maintenance. The maintenance is ongoing and may require fund expenditures in April and May, depending on parts availability.

The above chart shows the expenditures for each month as a percentage of budgeted expenditures for the year. In March 2020, the first month of 2019 novel coronavirus shutdown, the District expended 8.4% of the budgeted expenditures for the year. The District expenditures for 2020 through March are 24%.

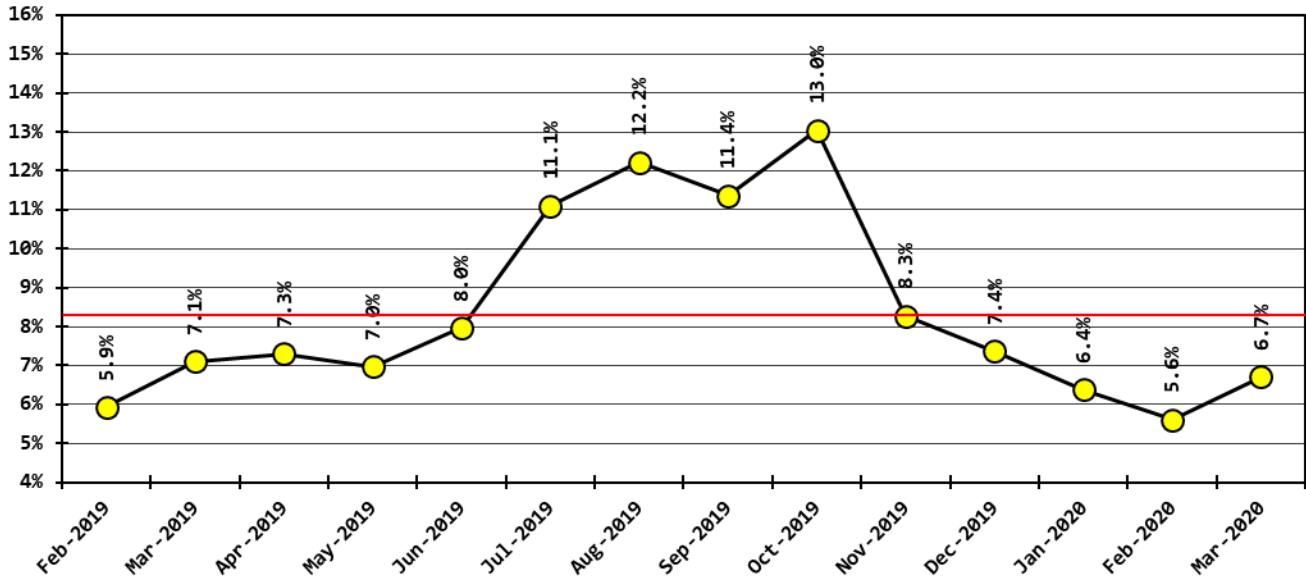
As of March 31, 2020, the percentage of delinquencies and the revenue do not indicate any ratepayer financial stress related to the 2019 novel coronavirus outbreak. Although the Governor’s March 23, 2020 “Stay at Home Stay Safe” executive order is having a direct public health benefit, the economic impacts will be more long term. Data collected in the coming months will reveal the level of ratepayer stress due to the 2019 novel coronavirus outbreak.

I recommend the District continue with austerity measures until the economic effects of the 2019 novel coronavirus outbreak normalize.

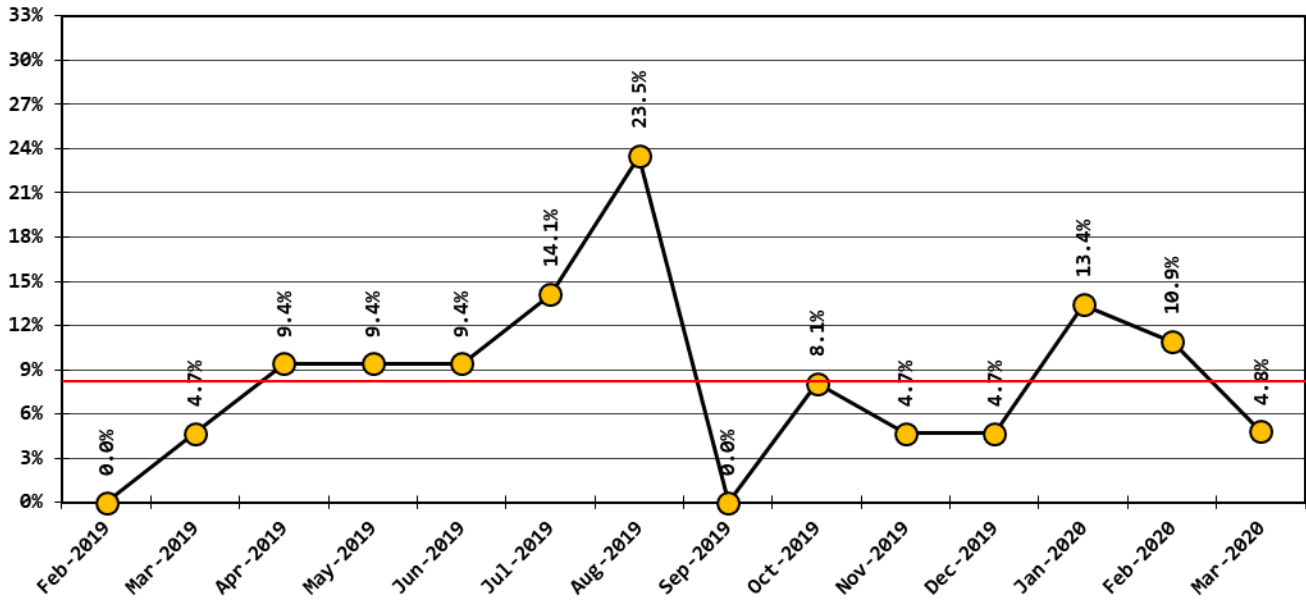
I have included several charts that contribute to tracking and projecting revenue and expenses during the 2019 novel coronavirus outbreak.



Metered Rate



Connection Fees



COVID-19 Confirmed Cases in Washington State.

Data from Washington State Department of Health

