

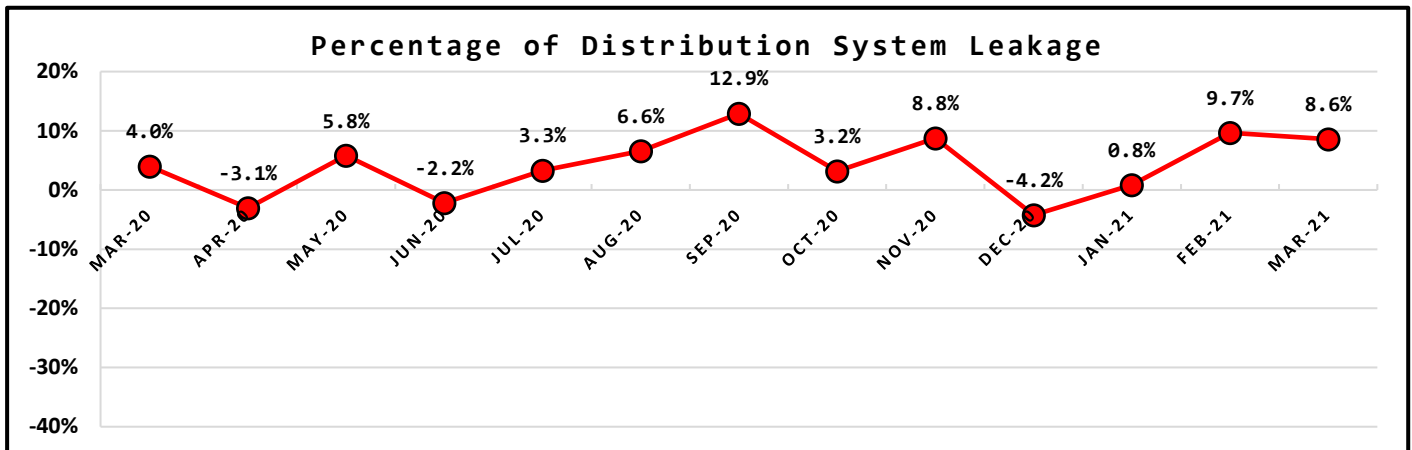
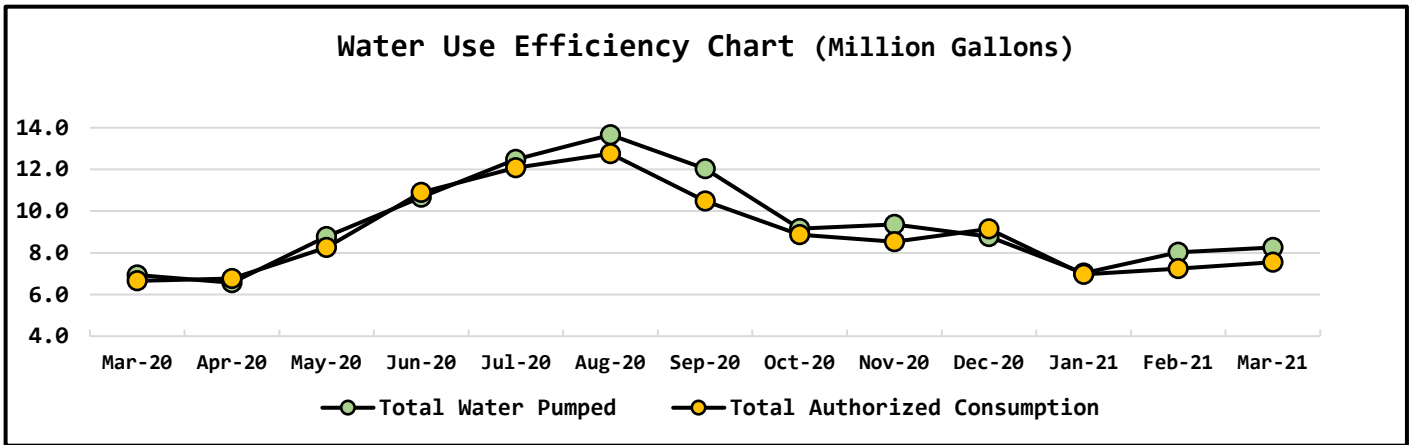
NORTH BEACH WATER DISTRICT GENERAL MANAGERS REPORT

FOR

May-2021

Metering Period	Water Production
April 1, 2021 to April 30, 2021	NWF Master Meter 3.0752 mg
	SWF Master Meter 5.1791 mg
	Total Water Pumped 8.2543 mg

Metering Period	Water Consumption
April 1, 2021 to April 30, 2021	Total Water Sold 5.8388 mg
	NWF Backwash 0.1371 mg
	SWF Backwash 1.1555 mg
	Distribution Flushing, Fire Dept & Water use at NWF & SWF 0.4127 mg
	Total Authorized Consumption 7.5441 mg
	Distribution Leakage 0.7102 mg
	Percent of DSL 8.6% %

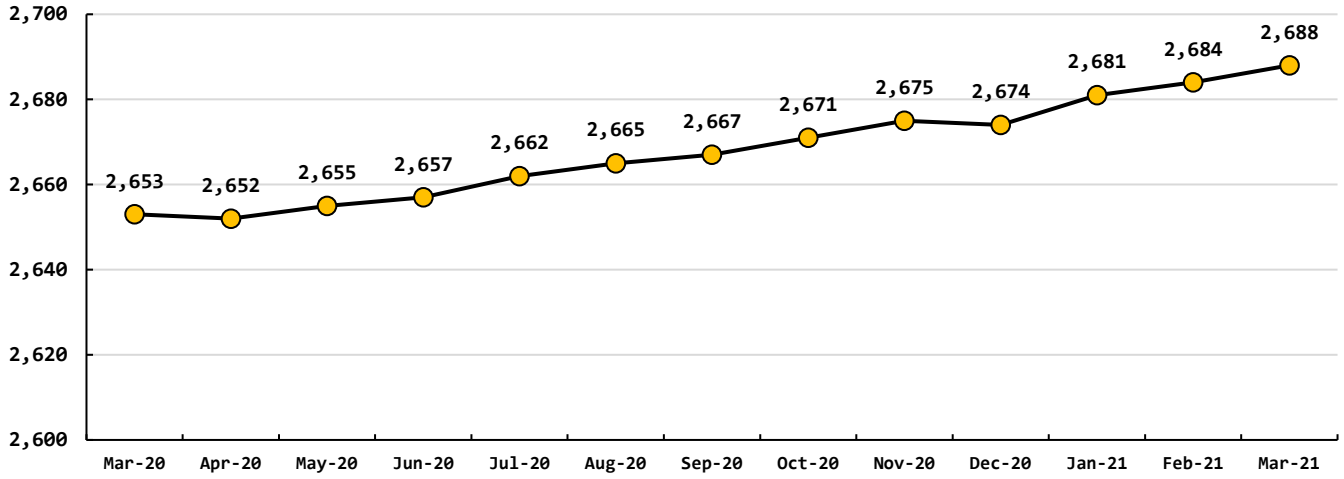


Data Period	Booster System Data		
April,2021	North Wellfield Booster High gpm	663	<i>gpm</i>
	North Wellfield Booster Low gpm	0	<i>gpm</i>
	North Wellfield Booster Average gpm	71	<i>gpm</i>
	Total MG pumped to Distribution at NWF	1.6754	<i>MG/M</i>
	South Wellfield Booster High gpm	1393	<i>gpm</i>
	South Wellfield Booster Low gpm	0	<i>gpm</i>
	South Wellfield Booster Average gpm	126	<i>gpm</i>
	Total MG pumped to Distribution at SWF	4.598	<i>MG/M</i>
	Total Pumped to Distribution	6.2734	<i>MG/M</i>
	North Wellfield High	66	<i>psi</i>
	North Wellfield Low	40	<i>psi</i>
	North Wellfield Average	60	<i>psi</i>
	South Wellfield Booster High	69	<i>psi</i>
	South Wellfield Booster Low	43	<i>psi</i>
	South Wellfield Booster Average	61	<i>psi</i>
	Distribution Pressure Readings per Month	2,874	
	Highest	70	<i>psi</i>
	Lowest	39	<i>psi</i>
	Average	62	<i>psi</i>

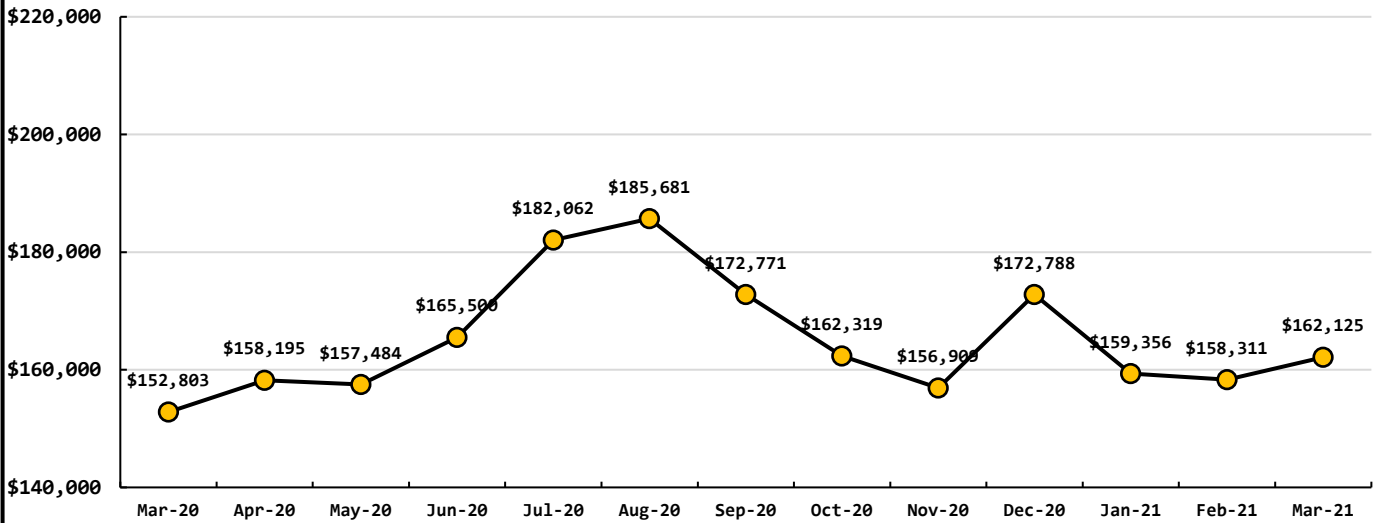
Data Period	Well Field Data		
April,2021	North Wellfield Total	3.0752	
	South Wellfield Total	5.1791	<i>mg</i>
	Total Production	8.2543	<i>mg</i>

Data Period	Accounts Data		
April,2021	Residential Base Rate	124,601	\$
	Residential Consumption	20,731	\$
	Commercial Base Rate	9,104	\$
	Commercial Consumption	7,689	\$
Residential Accounts <u>2,688</u> <i>ea</i>	Fire Flow Rate	1,163	\$
Commercial Accounts <u>100</u> <i>ea</i>	Backflow Assembly Rate	301	\$
Fire Flow Accounts <u>4</u> <i>ea</i>	Ilwaco Contract	0	\$
Backflow Accounts <u>33</u> <i>ea</i>	Ilwaco Reimbursement	0	\$
	Other Fees & Charges	0	\$
	Total	163,634	\$

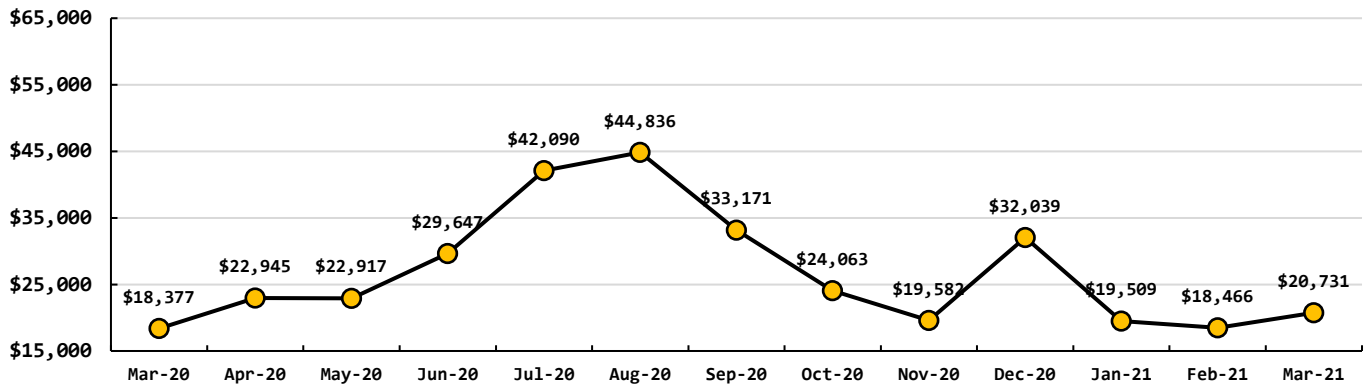
Total Residential Water Connections



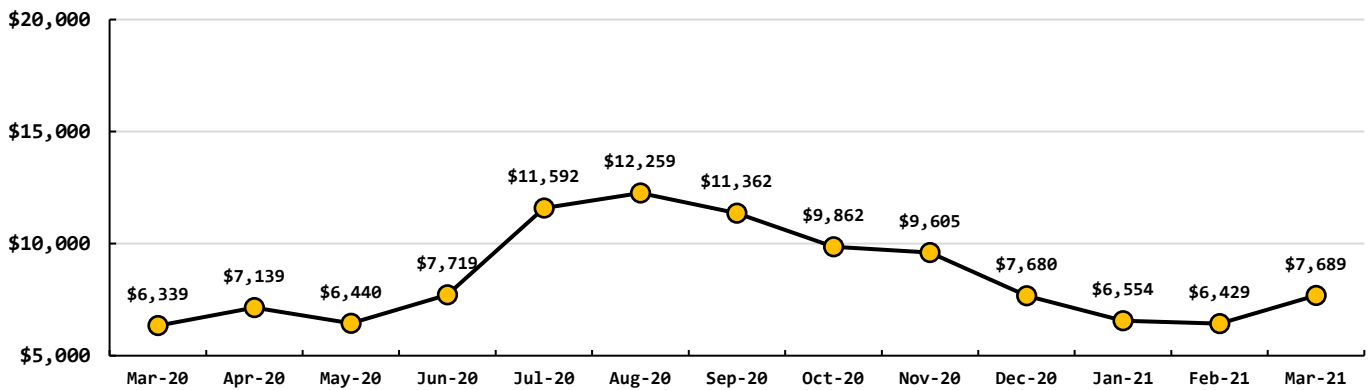
Total Base Rates & Consumption Rates



Total Residential Consumption Rates



Total Commercial Consumption Rates



Data Period

April, 2021

Operations Data

Past Due Accounts	268	<i>ea</i>
Properties with Liens	19	<i>ea</i>
Accounts Locked Off	0	<i>ea</i>
Water Main Locates	31	<i>ea</i>
Water Quality Complaints	1	<i>ea</i>
Customer Service Calls	48	<i>ea</i>
Customer Valves Installed	0	<i>ea</i>
New Services Installed	4	<i>ea</i>

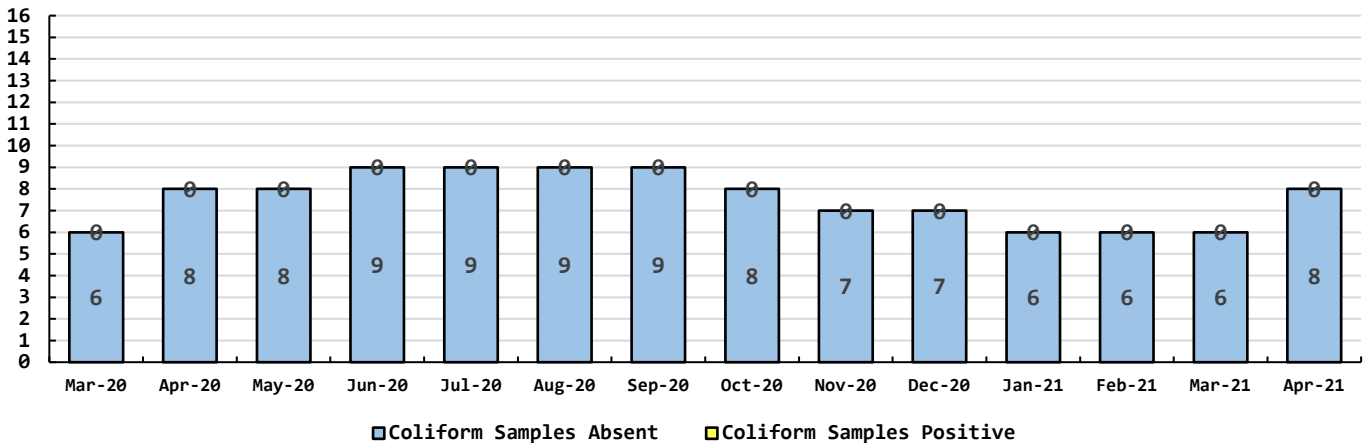
Data Period

Water Quality Data

April, 2021

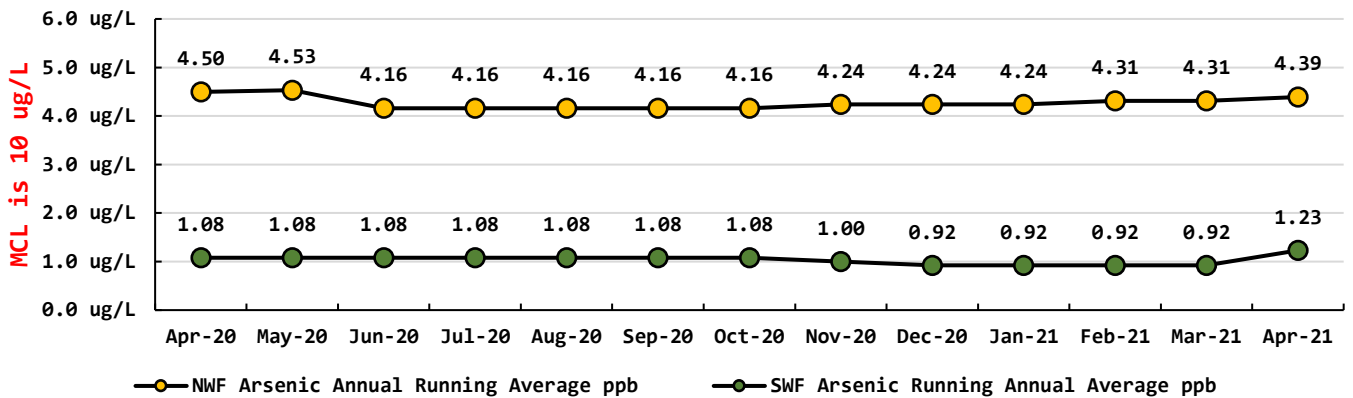
Coliform Samples Collected	6	ea
Coliform Samples Absent	6	ea
Coliform Samples Positive	0	ea
Coliform Sample Positive E.coli	0	ea
NWF Arsenic	4	ug/L
SWF Arsenic	1	ug/L
NWF Arsenic Annual Running Average	4	ug/L
SWF Arsenic Running Annual Average	1	ug/L

Coliform Bacteria Samples



Arsenic Monthly Annual Average

micrograms per liter (ug/L)



General Managers Report for April 2021:

- Pilot test is up and running – We will be running different dosage throughout the testing process to see which media works best for us.
- 4 new meter have been installed this month.
- South of 217th on HWY, waterline leak on mainline. Will be closing off one line to allow workers room to work. Waiting for WSDOT on lane closure.
- 240th & ELM PL (Rushlight area) - Waterline leak repaired.
- GIS work continues. Finding buried valves and placing new cans around them. Especially the aluminum valve cans which you cannot pick up with a detector. Using cast iron ones as replacements.
- All grass around hydrants, sample stations, and blow offs have been weed eaten around.
- Hydrant flushing to start on the 12th of May. Then right into waterline replacement and construction. Starting with 274th.
- South Well Field Communications. We need to talk about what direction we want to go.
- Water testing that has been performed for 2021 as follows:

#1- Per – and Polyfluoroalkyl Substances (PFAS) can be found in:

Per- and polyfluoroalkyl substances (PFAS) are a group of man-made chemicals that includes PFOA, PFOS, GenX, and many other chemicals. PFAS have been manufactured and used in a variety of industries around the globe, including in the United States since the 1940s. PFOA and PFOS have been the most extensively produced and studied of these chemicals. Both chemicals are very persistent in the environment and in the human body – meaning they do not break down and they can accumulate over time. There is evidence that exposure to PFAS can lead to adverse human health effects.

PFAS can be found in:

- **Food** packaged in PFAS-containing materials, processed with equipment that used PFAS, or grown in PFAS-contaminated soil or water.
- **Commercial household products**, including stain- and water-repellent fabrics, nonstick products (e.g., Teflon), polishes, waxes, paints, cleaning products, and fire-fighting foams (a major source of groundwater contamination at airports and military bases where firefighting training occurs).

- **Workplace**, including production facilities or industries (e.g., chrome plating, electronics manufacturing, or oil recovery) that use PFAS.
- **Drinking water**, typically localized, and associated with a specific facility (e.g., manufacturer, landfill, wastewater treatment plant, firefighter training facility).
- **Living organisms**, including fish, animals, and humans, where PFAS have the ability to build up and persist over time.

I had Dennis order up testing bottles to perform these tests. 1 set each for North & South well fields. The test were blended, which means each well was running and sample was taken after a 20-minute run time. The test came up **ND**. Which means not detected above the State Reporting Limit. This became a factor when we went for our refinance on the Bond. It was one of the questions that they asked. It was a determining factor to be able to get the refinance done.

#2-Synthetic Organic Contaminants (SOC)

Synthetic Organic Chemicals (SOCs) are carbon-based compounds of man-made origin that can get into water through runoff from croplands or discharge from factories. SOC's may also come from urban storm water runoff and septic systems. There are 33 regulated SOC's. Results all came back **ND**. Which means not detected above the State Reporting Limit.

#3- Inorganic Chemicals (IOC's)

Commonly occur in nature and often end up in our surface and ground waters. Some occur as a result of manmade pollution such as perchlorate, and others like nitrates occur because of interactions between nature and pollution.

Inorganic contaminants. Following testing was performed on the following. Arsenic, iron, chromium, cadmium, mercury, selenium, beryllium, nickel, antimony, thallium, cyanide, fluoride, nitrite, nitrate, manganese, silver, chloride, sulfate, zinc, sodium, hardness, conductivity, turbidity, color, total dissolved solids. Not 1 result was over the Maximum Contaminate Level.

April Work Orders

Read/Leave On	6
Turn Off/Lock – Customer Request	4
Turn Off/Lock – Non-Payment	0
Interrogate Meter	17
Locates	31
Unlock/Turn On	7
Test Backflow	0
Miscellaneous	4
Replace Meter Box	3
Low Pressure	1
Check Customer Valves	0
Dirty Water Complaints	1
Replace Meter	0
Install New Service	4
Assist Customer	0
Check For Leak	0
Re-Read Meter	0
Install Customer Control Valve	0
Total	78