

Fruitland Mutual Water Company

Annual Meeting 2021

Mission

A secure and reliable drinking water supply



Review of 2020

- Water Quality
- System Maintenance
- New Construction
- Cross Connection Control Program



PNWS-AWWA
South Sound



FMWC Team

- Board members
- Staff
- Parametrix (Engineering)
- Johnson Stone & Pagano (Audit)
- Reiman Enterprises (IT)
- Columbia Bank
- Cross Connection Control Specialties (testing)
- McGavick Graves (Legal)
- Water Management Lab

Water Quality

Monthly Bacteriological Sampling (BacT) – These samples show if there are any potential forms of bacteria in the water distribution system.

Every month Fruitland Water is required to submit 15 BacT samples to a lab for analysis. Consistent with past years the water company in 2020 had no positive samples reported by the lab. This includes random sampling and new construction sampling.



Water Quality

- IOC or Inorganic Chemicals – These are considered to be mineral in origin. Example: Iron and 28 others.
- VOC or Volatile Chemicals – These are both man made and natural chemicals. Example: Chloroform and 63 others.
- SOC or Synthetic Chemicals – These are a man-made chemical created mainly through industry. Example: Atrazine and 81 others.
- Lead and Copper rule – Every three years Fruitland Water is required to sample for lead and copper content. These samples are required to be taken down stream of the water meter (kitchen faucet). 2020 was a lead and copper sampling year and the results showed that no additional treatment would be necessary for corrosion control. The next round of sampling will be this summer of 2023.
- Under the current regulations established by the EPA, and both state and federal department of health, the water produced by the company's five wells require no additional treatment. The chlorine added is a safety measure for protection in the distribution system.

Water Quality

Monday through Friday a staff member performs a “pump run”. This includes checking company property for any potential vandalism or intrusion. Staff also makes daily checks on well reads for proper operation, water pumped, hours ran and to verify the proper amount of chemical addition.

The company has alarms on all doors and motion detectors in the main office and shop. The hatches on the reservoirs have the same sensors with covered pad locks. In 2016 the company added video monitoring to all of the company's well and reservoir sites and also card access to the doors at the main office.



System Maintenance

In 2020 there were 821 work orders completed, these are a long range of system work from meter box repair to final reads.

Hydrant, valve and leakage maintenance continues. The company has worked toward a program where each fire hydrant gets exercised at a minimum of every three years.



New Construction 2020

- 124th ST 94th AVE to Meridian
- Memory Care Center
- Sunrise Corner SFR



610 Zone Phase II

- Fruitland Water has been working for many years to improve water system pressure in areas that may be meeting standards but still have poor system pressure.
- The company is at 75% completion of the new pressure zone.
- The additional booster station is reported on last year is operational now. Only some programing is needed to complete this project. Final completion is expected by March 2021.

Replacing old infrastructure



Replacing old infrastructure

Mutual

*Members of an organization sharing in the costs and profits.



Cross Connection Control Program

Last year there were 1903 Backflow assemblies tested in the water system.

Questionnaires continue to be sent out to our residential members. You can expect one approximately every three years. These are a very important part of the program.

All of the company's commercial members/customers have met the standards established in the company's cross connection control policy #206. Staff continues to complete on site surveys every three years on commercial properties.



A look ahead at 2021

- Memory Center at the corner of 5th ST & 39th AVE SE
- Hotel at 39th AVE & 9th ST SW
- Retirement Center 17th & 39th AVE SW
- Hotel behind the South Hill Mall (replacing the old gym)



The Future of Fruitland Water

- Infrastructure replacement is continuing in 2021
- Water rights and right to water, both are secure
- Meeting demands. Water demand for domestic and fire are being met and the company has enough for future build out.



Questions



A bright future