



Fairview Water District

2019 Consumer Confidence Report

The Fairview Water District is pleased to present this year's Annual Water Quality Report for the calendar year 2019. This report is designed to inform you about the quality of water and the services the District delivers every day; our goal is to provide a safe and dependable supply of drinking water.

Fairview's Water Sources and Water Source Assessment Report. The Fairview Water District receives its water from 3 wells with one located at the district office site, one on the grounds of the Tillamook bay Community College main campus and the third on district property at Brookfield and McCormick loop. The districts assessment report can be viewed at the district's office at 403 Marolf Loop Road, Tillamook Monday-Friday, 8:00 am-4:30 pm (Closed Noon-1:00pm). The assessment consists of identification of the Drinking Water Protection Area, identification of potential sources of pollution within the Drinking Water Protection Area and determining the susceptibility or relative risk to the district's wells from those sources.

Water Testing and Monitoring: The Fairview Water District routinely monitors for constituents in your drinking water according to Federal and State laws in order to ensure that tap water is safe to drink. The EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791).

Lead in Drinking Water: If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Fairview Water District is responsible for providing high quality drinking water but cannot control the variety of materials used in home plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at (800-426-4791).

Infants and children who drink water containing lead in excess of the action level could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure. Infants and young children are typically more vulnerable to lead in drinking water than the general population. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home's plumbing. If you are concerned about elevated lead levels in your home's water, you may wish to have your water tested and it is recommended that you flush your tap for 30 seconds to two minutes before using tap water.

Additional Information: For more information about Fairview’s drinking water, you can contact David Pace at 503-842-4333 or by email at davidpace@fairviewwater.com or go to the districts website at www.fairviewwater.com. We encourage the public to attend the monthly Board meetings of the Fairview Water District which occur on the third Monday of each month at the District offices at 403 Marolf Loop Road, Tillamook at 5:00 p.m.

Health Conditions and Your Water: Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. The EPA and Centers for Disease Control and Prevention provide guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbial contaminants and are available from the Safe Drinking Water Hotline (800-426-4791). Please read this report carefully, and if you have questions, call the resource numbers supplied.

Alerts, Citations and Violations: The Fairview Water District received 4 (four) alerts for the presence of Total Coliforms.

Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. We found coliforms indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct investigations to identify problems and to correct any problems that were found during these investigations. During the past year, we were required to conduct 1 level 1 coliform investigation. 1 level 1 coliform investigation were completed. In addition, we were required to take 0 corrective actions and we completed 0 of these actions.

Water Quality Data Table: The table below lists all the drinking water contaminants that were tested for in the water during the calendar year 2019.

INORGANIC CHEMICALS	MCL	ANALYSIS Low-High	SAMPLE DATE	VIOLATION	Sources in Drinking Water
Barium	2 MG/L	0.00075	2019	NO	
Chromium	0.1 MG/L	0.002	2019	NO	
Fluoride	4 MG/L	0.16	2019	NO	Erosion of natural deposits
Nitrate [measured as Nitrogen] (ppm)	10 MG/L	2.03-3.69	2019	NO	Run off from fertilizer use; leaching from septic tanks, sewage; Erosion of natural deposits.
Sodium		11.2	2019	NO	Erosion of natural deposits
MICROBIOLOGICAL CONTAMINANTS	MCL	Positive's	SAMPLE DATE	VIOLATION	Source in Drinking Water
Total Coliform (2 samples per month)	1 sample	4	2019	YES	Naturally present in the environment
Lead & Copper Sampling	MCL	ANALYSIS Low-High	SAMPLE DATE	VIOLATION	
Copper	1.3 MG/L	0.064-0.276	2019	NO	Service lines and Home plumbing
Lead	0.015 MG/L	ND-0.011	2019	NO	Service lines and Home plumbing

AL: Action Level. The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Level 1 Coliform Investigation: A study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

MCL: Maximum Contaminant Level. The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

MCLG: Maximum Contaminant Level Goal. The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

MRDL: Maximum Residual Disinfectant Level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

MRDLG: Maximum Residual Disinfectant Level Goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contamination.

N/A: Not Applicable. No maximum contaminant level goal has been set for disinfection by-products.

NTU: Nephelometric Turbidity Unit. A measurement of the water turbidity. Turbidity greater than 5 NTU is noticeable to the average person.

ppb: Parts per billion. A measure of the concentration of a substance in a given volume of water. One part per billion corresponds to one penny in \$10,000,000.

ppm: Parts per million. A measure of the concentration of a substance in a given volume of water. One part per million corresponds to one penny in \$10,000.

TT: Treatment Technique. A required process intended to reduce the level of a contaminant in drinking water.