

PARADISE ESTATES

66090W

2021

WATER QUALITY AND WATER EFFICIENCY REPORTS

COPIES ALSO AVAILABLE AT THE OFFICE AND ON THE PCC WEB SITE:

www.paradisec.org

CONSUMER CONFIDENCE REPORT: DRINKING WATER QUALITY AND WATER USE EFFICIENCY REPORTS FOR CALENDAR YEAR 2021.

☞ Is my drinking water safe?

Last year, as in years past your water met all U.S. Environmental Protection Agency (EPA) and Washington State drinking water health standards. Our PCC Water Department vigilantly safeguards our water supplies, and once again we are proud to report that our system has not violated a Maximum Contaminant Level or any other water quality standard.

☞ Do I need to take special precautions?

Some people may be more vulnerable to contaminants in water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorder, some elderly and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/ Center for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by microbial contaminants are available from the EPA Safe Drinking Hotline (800-426-4791).

☞ Where does our water come from?

Paradise Community receives our water from the Nisqually Aquifer and three wells located on Stevens Road, Paradise Drive and Osborn Road within Paradise Estates. This enables us to provide approximately 750 people with reliable and safe drinking water. Our water supply is regularly tested for more than 100 different substances. In 2021, overall drinking water quality here in Paradise Estates was excellent, and our water supply currently meets or exceeds all state and Federal EPA drinking water standards.

☞ Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA Safe Drinking Hotline (800-426-4791).

☞ How to get involved?

If you have any questions about this report or concerning your water quality, please contact the PCC Office at (360) 569- 2669, Mon, Wed, or Fri between 12:00pm-3:00pm. A copy of this report is posted at the PCC Office and on the PCC website. www.paradisec.org

Water Quality

Regulated Substance	Last Year Tested	Next Year Due	MCL *	Detected	Violation	Typical Source
Nitrate	2021	2022	10	<0.2	No	Runoff from Fertilizer
Arsenic	2020	2022	0.01	0.007	No	Erosion of Natural Deposits
Haloacetic Acid	2020	2023	0.06	0.0028	No	By-Product of Chlorination
Trihalomethane	2020	2023	0.08	0.023	No	By-Product of Chlorination
Volatile Organics(VOC1)	2019	2025	0.5 (trigger)	0 Detected	No	Common By-Products of Manufacturing
Total Coliform	2021 (monthly)	2022	None **	No	No	Naturally Present in Environment
* Maximum Contaminant Level in Parts Per Million (or milligrams per liter)			** Detection Requires Further Testing			
Regulated Substance	Last Year Tested	Next Year Due	AL***	Detected	Violation	Typical Source
Lead	2020	2023	0.015	<0.001	No	Old Plumbing/Erosion of Natural Deposits
Copper	2020	2023	1.3	<0.2	No	Old Plumbing/Erosion of Natural Deposits
*** Action Level (contaminant concentration that triggers treatment requirement) in Parts Per Million						
Regulated Substance	Last Year Tested	Next Year Due	MCL ****	Detected	Violation	Typical Source
Chloride	2018	2022	250	25	No	Run off/Erosion of Natural Deposits
Iron	2011	2022	0.0003	0.0001	No	Erosion of Natural Deposits
Manganese	2014	2022	0.05	0.02	No	Erosion of Natural Deposits
Sulfate	2011	2022	250	1	No	Erosion of Natural Deposits
**** Maximum Contaminant Level for Secondary Effects (color, taste, odor issues rather than adverse health effects) in Parts Per Million						

Paradise Estates drinking water meets or exceeds all federal and state requirements. However, it does contain low levels of arsenic. There is a small chance that some people who drink water containing low levels of arsenic for many years could develop circulatory disease, cancer or other health problems. Most types of cancer and circulatory disease are due to factors other than exposure to arsenic. EPA's standard balances the current understanding of arsenic's health effects against the cost of removing arsenic from drinking water. The EPA has determined that our water is safe.

The regulated substance test due dates are based on the most current state water quality monitoring schedule (WQMS) requirements.

Common Problems

♣ My water smells sometimes. Why is that?

See WATER FACT SHEET on our website: www.paradisec.org

♣ My water is cloudy sometimes, but then clears up. Can I drink it?

The "cloudiness" is air trapped in the water in tiny bubbles. These harmless bubbles enter the water when air is drawn into the water transmission system that carries water from the wells. This is usually temporary and the water clears in a short time.

♣ My water is dirty sometimes. What should I do?

Once in a while, you may experience muddy-brown or cloudy water. This can occur when a stand pipe is in use, when a main breaks or when flow patterns in the water main change. The source of the dirty water is harmless particles. Typically, these harmless particles settle along the bottom of water mains and do not show up in your home. Paradise Estates Water Department flushes water mains frequently to remove these harmless silt particles. If you experience dirty water, refrain from using any water for 30 minutes to an hour. The problem will usually correct itself.

♣ How should I disinfect water in an emergency?

To disinfect water in an emergency, boil for at least 3 minutes or add 10 drops (1/8 teaspoon) of household bleach to 1 gallon clear water and let stand for 30 minutes.

Conservation

Our water is a precious resource. We can all do small things to use it well and keep it clean.

- ♥ Fix drips and leaking toilets
- ♥ Use low-flow fixture options
- ♥ Turn off the water while you brush your teeth and shave
- ♥ Install a private shut-off near your home to turn off water (or turn it off at the meter) when you are away

For more conservation ideas see 110 Ways to Conserve Water on our website www.paradisec.org

Water Efficiency Report

In 2021, Paradise Estates pumped 10,858,465 gallons of water, had authorized consumption of 10,675,664 gallons of water and lost 182,801 gallons or 1.7% of total water production . Total water not accounted for was 182,801 gallons or 1.7 %, which compares favorably with 1.7 % unaccounted for in 2020. Of the 10,455,956 gallons of water pumped in 2020, we lost 177,751 gallons to consumer side leaks. Our water system continues to remain well below the state requirements of less than 10% unaccounted water loss and less than 10% consumer side leaks.

Our Water Department

Water Department Manager is Ben Pacatte who is a certified Water Treatment Plant Operator, Level 1 (WTPO1). Alvie Whitlock, former Water Department Manager, has transitioned to Assistant Manager (WTPO2, WDM2, Cross Connection Control Specialist). Jim Rodweg is a new water department employee. Ben, Alvie and Jim work hard to maintain and improve the quality and service provided to our community. The water department welcomes more community involvement, and is an equal opportunity employer. The water department would like to thank all of the board members, our dedicated staff, and the many community volunteers who help with maintenance, billing and other vital tasks to keep our cost low and our quality high. . We also want to thank you, the community for your support.

Approved and Funded Improvement Projects

Current year projects include cleaning both water towers and replacing 10-year battery water meters which are no longer transmitting and using water, with 20-year battery water meters. 80 new water meters are on hand and ready to be installed as soon as the weather permits. Well House #2 has been reintegrated into our water distribution system as of 1-01-2020. A study is currently being conducted to determine if Bavarian Village should be added to the Paradise water system. More information will be sent out after the study is completed.

Our Community

We want our valued Association Members to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled board meetings. They are held on the second Sunday of every other month at the Paradise Estates Office on Nisqually Way. The PCC Board meeting starts at 1:00pm and all Association Members are invited to attend. If you have any questions about this report or concerning your water quality, please contact the PCC Office at (360) 569- 2669, Mon, Wed, or Fri between 12:00pm-3:00pm. A copy of this report is posted at the PCC Office and on the PCC website. www.paradisec.org