
NORTH PERRY AVENUE WATER DISTRICT

CONSUMER CONFIDENCE REPORT

Drinking Water Quality in 2007

North Perry Avenue Water District in 2007 provided its citizens with safe, clean and adequate drinking water, meeting and exceeding all State and Federal requirements. Water is the one product we can not live without and we at the Water District take great pride in safeguarding this valuable resource. Please stay informed on the quality of your drinking water by reading this report.

Important Health Information

All drinking water, including bottled water, may reasonably be expected to contain at least trace amounts of some "contaminants". The presence of these do not necessarily indicate that the water poses a health risk.

Some people may be more vulnerable to contaminants in drinking 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 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. EPA/Center for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by

Cryptosporidium and other microbial contaminants are available from the EPA's Safe Drinking Water Hotline (800-426-4791).

North Perry's Water Use Efficiency Program

North Perry Avenue Water District is now required to develop a Water Use Efficiency (WUE) Program. As part of this program, we will report to you annually on our progress in managing our water use.

A public forum was held January 16, 2008 and the following goals were established:

1. Maintain distribution system leakage below 10% while supporting a growing water demand.
2. Maintain average daily consumption at 250 gallons per day per residential unit, or less.
3. Establish and expand educational outreach with customers.

The time frames associated with the first and second goals are six years. The goal for establishing and expanding public outreach will begin this year. One of the requirements of this program is to fully meter our system. North Perry Water District has already fulfilled this requirement.

North Perry has had a conservation program for many years and has been able to account for 92% of the water that is pumped. The WUE requirement will continue to support our common goal of ensuring safe and reliable drinking water.

Where Does Your Drinking Water Supply Come From?

North Perry Avenue Water District is supplied by groundwater pumped from 12 wells. These wells obtain water from aquifers which are approximately 140 to 1,100 feet below ground level. Water is pumped from these wells into several reservoirs located within the North Perry Avenue Water service area.

Public Participation Opportunity

North Perry Avenue Water District invites all interested citizens to join them at their regular meetings, every first and third Wednesday of the month at 8:30 AM. These meetings are held at 2921 Perry Avenue in Bremerton. For more information, contact George Smalley or Bill King at (360) 373-9508.

Notes On Your Water System

System Improvements:

- Seismic upgrade of the Olympus 300,000 gallon reservoir.
- Installed a new concrete foundation and anchoring system for the reservoir.
- Improved the drainage around the reservoir.
- Recoated the reservoir, both inside and out.

Ongoing Projects Include:

Water System Plan - currently in review with the Department of Health.

The backup generator installed at Well #14 will provide permanent backup power for the District's largest well.

Keyport Tank Chlorination System will be completed in 2008. This system will boost chlorine levels at the tank and provide better chlorine levels at the outer boundary of the District.

Water Conservation Tips:

- 1 Adjust your sprinklers so only the lawn is watered and not the sidewalks or streets.
- 2 Use a broom instead of a hose to clean your sidewalks and driveways.
- 3 If you do need to hose down the pavement or wash your car, be sure to attach a shutoff nozzle to the end of your hose.
- 4 Water your lawns and plants in the morning or in the evening when temperatures are cooler to minimize evaporation.
- 5 Use your sprinklers for watering the large areas of your lawn but water the smaller areas by hand to avoid wasting water.

Water Quality Data Table

Units used to measure contaminants in drinking water are parts per million (ppm) or parts per billion (ppb). To gain perspective on this measurement, consider the following: one "ppm" is 1 second out of 12 days; 1 penny in \$10,000. One "ppb" is 1 second out of 32 years; 1 penny in \$10,000,000.

TERMS AND ABBREVIATIONS:

AL: Action Level: Concentration of a contaminant, when exceeded, triggers treatment for the water system to follow.

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

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

ppb: parts per billion, or micrograms per liter.

ppm: parts per million, or milligrams per liter.

Range: The lowest amount (min) of contaminant detected and the highest amount (max) detected during a sample period.

Contaminants (units)	MCLG	MCL	Range Low - High	Sample Date	Violation	Typical Source
Cyanide (ppm)	0.2	0.2	<0.05 - 0.06	Jul 2004	No	Discharge from metal, plastic and fertilizer factories
Nitrate (ppm)	10	10	<0.2 - 2.3	Aug 2007	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Arsenic (ppb)	0	10	<2.0 - 3.0	Sept 2006	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Disinfectant By-Products						
HAA5 [Haloacetic Acids] (ppb)	0	60	ND - 4.8	Aug 2007	No	By-product of drinking water disinfection
TTHM [Total Trihalomethanes] (ppb)	0	80	5.5 - 12.1	Aug 2007	No	By-product of drinking water disinfection
Lead and Copper						
	MCLG	AL				
Lead (ppm)	0	0.015	<0.002 - 0.009	Sept 2006	No	Corrosion of household plumbing systems; Erosion of natural deposits
Copper (ppm)	1.3	1.3	<0.02 - 0.09	Sept 2006	No	Corrosion of household plumbing systems; Erosion of natural deposits

Violations: North Perry Avenue Water District had no monitoring violations in 2007

North Perry Avenue Water District continues to take all precautions possible to keep your water safe. It's collected, minimally treated with chlorine for taste and odor, tested as required by the State Department of Health and the EPA and delivered to your home and business 24 hours a day. Use it wisely and you will save money and energy and help protect the environment.