

**2009 Annual Drinking Water Quality Report
Samish Farms Water Association**

We're very pleased to provide you with this year's Annual Water Quality Report. We want to keep you informed about the excellent water and services we have delivered to you over the past year. Our goal is and always has been, to provide to you a safe and dependable supply of drinking water. We purchase our water from Public Utility District No. 1 of Skagit County, which is treated surface water from Judy Reservoir.

This report shows our water quality and what it means.

If you have any questions about this report or concerning your water utility, please contact our office. The office can be reached at (360) 766-7218. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our monthly board meetings. They are held at the Samish Island Fire Hall. Please note, board meeting dates and times are subject to change, so if you plan on attending a meeting, please call the office at the above phone number to confirm the next board meeting's date and time.

Skagit County P.U.D. and Samish Farms Water Association routinely monitor contaminants in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31, 2009. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants 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 Safe Drinking Water Hotline at 1-800-426-4791.

TEST RESULTS						
Contaminant	Violation Y/N	Level Detected	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Total Coliform Bacteria	none	none detected		0	coliform bacteria may be present in 5% of monthly samples	Naturally present in the environment
Turbidity (Water clarity from Judy Reservoir Treatment Plant)	none	0.03 Range 0.02-0.04	NTU	not applicable	TT	Erosion through natural deposits.
Copper Skagit PUD test results	none	0.87	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Fluoride	N/A	none	ppm	4 ppm	4 ppm	none added
Lead Skagit PUD test results	none	minimum 0 ppb maximum 0.003 ppb	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
THM4 [Total trihalomethanes]	none	40.7 range 37.9-43.5	ppb	0	80 ppb	By-product of drinking water chlorination

Please note that test results which indicated no levels at all are not included in the table.

In this table you may find many terms and abbreviations that might be unfamiliar. To help you better understand these terms we've provided the following definitions:

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Nephelometric Turbidity Unit (NTU) - nephelometric turbidity unit is a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

Action Level (AL) - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Treatment Technique (TT) - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level - The "Maximum Allowed" (MCL) is 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.

Maximum Contaminant Level Goal - The "Goal"(MCLG) is 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.

What does this mean?

As you can see by the table on the front page, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some contaminants have been detected. The EPA has determined that ^{your} water IS SAFE at these levels:

MCL's are set at very stringent levels. To understand the possible health effects described for many regulated contaminants, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

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/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Like many other water systems, we occasionally experience taste and odor changes, related to, the compounds present in the source water. Taste and odor events come with the seasons. Algae are responsible for most odor complaints. Fortunately, these earthy or musty odor events are temporary in nature, usually disappearing entirely when the temperature of Judy Reservoir changes. Even though we have explained the odor problem, if you are still concerned, don't hesitate to call us. We want to be good stewards of your water system.

We at Samish Farms Water Association work to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.