

THE WATER LINE

June, 2008

Nob Hill Water Association

Edition 37

NOB HILL WATER CELEBRATES 100 YEARS!

Nob Hill Water Association was incorporated on December 26, 1908—100 years ago! It was on that day in 1908 that members of our organization appeared before the Secretary of State to formally incorporate.

In a letter received from Secretary of State Sam Reed, he writes:

Although I do not know the individual circumstances of your particular group, incorporations were at that time primarily delivered by horseback. Because a few owned cars, and the roads outside of Olympia were virtually impassible, incorporating a business was quite an adventure. Of the nearly 3400 incorporations filed in 1908, only 65 exist today and you are part of that small group.

By 1912, there were 100 members of the Association. By 1950 there were 21 miles of pipe installed and 660 members. Today, there are over 150 miles of pipe installed and Nob Hill Water serves over 25,000 people.

Nob Hill Water is proud to have served the community for 100 years, and we look forward to continuing to provide excellent service for the next 100 years.



**SAVE WATER
& MONEY**



Scenic Drive Main Line Replacement

Did you know that some high water bills are caused by leaks in toilets? Some of these leaks you can see and hear, but many are *silent*. These leaks can waste hundreds of gallons of water per day! In an effort to SAVE water AND money, Nob Hill Water is now providing toilet tank leak detecting dye tablets—free of charge in our office. Can't make it into the office? Then just give us a call and we'll drop the tablets, and directions on how to use them, in the mail to you.

Starting June 16th, Nob Hill Water will be replacing the main line along Scenic Drive from 58th Avenue east to Hilltop Lane. This is an old 6" main line and will be replaced with a new 12" line. *There will be flaggers on site and potential traffic delays. If possible, avoid the area mentioned or allow extra time for your commute.*

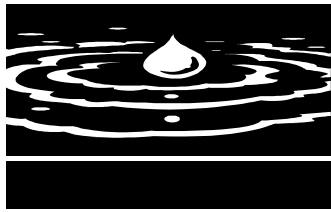
It is our continued mission to provide the best quality service; replacing this main line will effectively help us accomplish this goal. If you have any questions, please call the office at 966-0272.

Board of Trustees:

John Fairbrook, President
Jim Allison, Vice President
Jeff Stevens, Treas.— Sec.
Doug Keller, Trustee
Don Emerick, Trustee

Cross Connection Testing

It's that time of year again, when Nob Hill Water's certified Backflow Assembly Testers will be out in your neighborhood testing backflow devices. This helps to ensure safe drinking water for everyone. If your device doesn't pass or needs necessary changes as required by law, you will receive a letter. This is a free service from Nob Hill Water.



NOB HILL WATER ASSOCIATION 2007 ANNUAL WATER QUALITY REPORT

Nob Hill Water Association is pleased to submit our annual Water Quality Report to you, our members. This report contains information about the overall condition of your drinking water. We hope you find this information helpful and informative. We encourage you to take a few minutes to review it. Nob Hill Water is committed to providing our members with high quality drinking water. If you have any questions, comments or suggestions about this report, please contact our office at 966-0272.

About this report...

The federal Safe Drinking Water Act requires that water systems provide their customers with annual reports on the quality of their drinking water. Nob Hill Water is pleased to comply.

In this issue you will find information on:

- ◆ Sources of our water
- ◆ Water test results
- ◆ Water quality contact information

For more water quality information:

EPA Safe Drinking Water Hotline
(800) 426-4791 www.epa.gov/safewater
Washington State Dept. of Health
509-456-3115 www.doh.wa.gov/ehp/dw

WATER SAMPLE RESULTS

The Federal Safe Drinking Water Act (SDWA) of 1996 requires water utilities to produce an annual water quality report on testing and results. The opposite page contains a summary of the latest test results of Nob Hill's water by an independent certified laboratory. The SDWA directs the U.S. Environmental Protection Agency to establish national drinking water standards. In the State of Washington, this program is managed by the State Department of Health. There are two categories of standards: PRIMARY and SECONDARY. Primary standards are set to protect your health. Secondary standards are set for aesthetic qualities such as appearance, taste, odor and color. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the **Environmental Protection Agency Safe Drinking Water Hotline at (800) 426-4791**. If you have questions or comments about this report, please call our office.

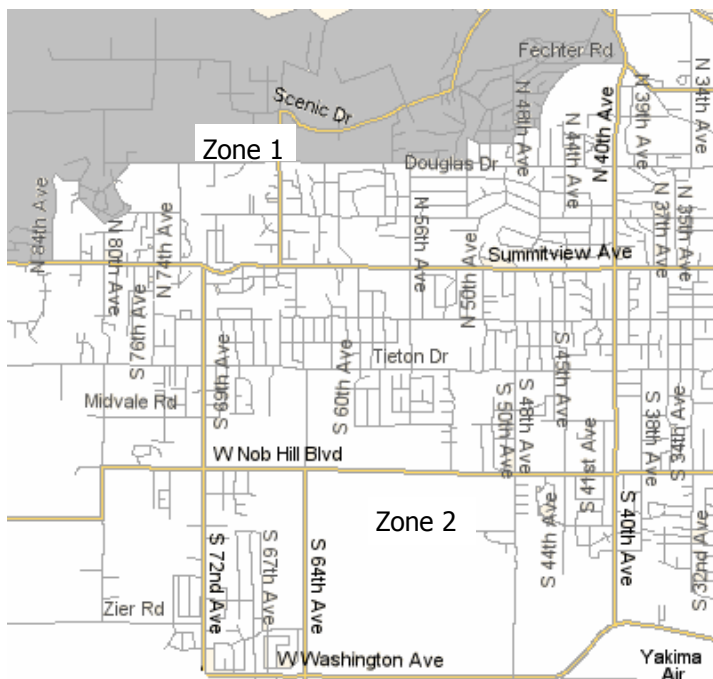
The Nob Hill Water distribution system is divided into 2 zones. (See Map) Residents in Zone 1 get their water from Well #3. Residents in Zone 2 get their water from a combination of up to 3 wells.

All of our water comes from deep wells. It is pumped from the well, treated with chlorine for disinfection and then fed directly into the system or into one of our reservoirs for storage. We pump an average of 2 million gallons per day in the winter and 6 million gallons per day in the summer.

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 Environmental Protec-

SPECIAL INFORMATION

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, persons with HIV/AIDS or other immune systems disorders, some elderly persons and infants can be particularly at risk from infections. These people should seek advice from their health care pro-



PRIMARY STANDARDS / HEALTH RELATED STANDARDS

INORGANICS	MCL	ZONE 1		ZONE 2		UNITS	Major sources listed by EPA
		WELL #3	WELL #1	WELL #2	WELL #5		
Antimony	0.006	ND	ND	ND	ND	mg/L	Erosion of natural deposits
Arsenic	0.05	ND	.0021	ND	ND	mg/L	Erosion of natural deposits
Barium	2	.016	.014	.016	.013	mg/L	Erosion of natural deposits
Beryllium	0.004	ND	ND	ND	ND	mg/L	Erosion of natural deposits
Cadmium	0.005	ND	ND	ND	ND	mg/L	Erosion of natural deposits
Chromium	0.1	ND	ND	ND	ND	mg/L	Erosion of natural deposits
Lead♦	0.015	ND	ND	ND	ND	mg/L	Erosion of natural deposits
Mercury	0.002	ND	ND	ND	ND	mg/L	Erosion of natural deposits
Nickel	0.1	ND	ND	ND	ND	mg/L	Erosion of natural deposits
Selenium	0.05	ND	ND	ND	ND	mg/L	Erosion of natural deposits
Silver	0.05	ND	ND	ND	ND	mg/L	Erosion of natural deposits
Sodium	**	33.3	46.2	34.2	11.4	mg/L	Erosion of natural deposits
Thallium	0.002	ND	ND	ND	ND	mg/L	Erosion of natural deposits
Cyanide	0.2	ND	ND	ND	ND	mg/L	Erosion of natural deposits
Nitrate	10	ND	.22	.14	.51	mg/L	Erosion of natural deposits
Nitrite	1	ND	ND	ND	ND	mg/L	Erosion of natural deposits

ORGANICS

Volatile Organic Chemicals - 61 chemicals tested - none detected

Synthetic Organic Chemicals - none detected

Trihalomehtnes	80	distribution system average 2.9 PPB					by product of chlorination
Haloaetic Acids	60	distribution system average 8.6 PPB					by product of chlorination
BACTERIOLOGICAL							Naturally present in the
Coliform	0	0	0	0	0	#/100 ml	environment

RADIONUCLIDES

Gross Alpha	15 ¹	ND	ND	ND	ND	pCi/L	Erosion of natural deposits
Gross Beta	50	ND	7	ND	4	pCi/L	Erosion of natural deposits

¹ - Excluding Uranium

SECONDARY STANDARDS / AESTHETIC STANDARDS

Copper♦	1.3	.00925	.008	.00755	.00760	mg/L	Erosion of natural deposits
Iron	0.3	.112	.057	.114	.0362	mg/L	Erosion of natural deposits
Manganese	0.05	.0288	.0034	0.0277	ND	mg/L	Erosion of natural deposits
Zinc	5	ND	ND	ND	ND	mg/L	Erosion of natural deposits
Chloride	250	6.26	5.81	7.01	1.54	mg/L	Erosion of natural deposits
Fluoride	4	1.03	1.02	1.04	.34	mg/L	Erosion of natural deposits
Sulfate	250	ND	4.4	.47	2.91	mg/L	Erosion of natural deposits

PHYSICAL PARAMETERS

Hardness	**	61.3	44.5	64.3	65.2	mg/L as CaCO3
Conductivity	700	240	260	253	158	Micromhos/cm 25 deg
Turbidity	1	ND	ND	ND	ND	NTU
Color	15	ND	ND	ND	ND	Color Units

Hardness note: To figure grains of hardness, divide mg/L by 17. Nob Hill's water averages approximately 3 grains.

UNREGULATED

Magnesium	**	5.55	3.7	5.8	6.85	mg/L	Erosion of natural deposits
Calcium	**	15.4	11.7	16.2	14.8	mg/L	Erosion of natural deposits

ABBREVIATIONS AND DEFINITIONS:

MCL - Maximum Contaminate Level - The highest level of a contaminant that is allowed in drinking water.

mg/L - Milligrams per liter (1mg/L = 1 PPM)

pCi/L – Picocuries per liter

PPB – Parts per Billion

ND - None detected

NTU – Nephelometric Turbidity Unit

** - No standard has been set

♦ - Federal Action Level, not MCL