

41-00784

PIONEER PARK CO-OP, INC.

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May 7, 2008

All Pioneer Park Co-Op Members

Dear Neighbor and Co-Op Member,

Re: **Annual Consumer Confidence Report for 2007**
2008 Sanitary Survey
Cross Connection Back Flow Check Valves

RECEIVED
MAR 12 2009
FIELD SERVICES
DRINKING WATER PROGRAM

Annual Consumer Confidence Report for 2007

Enclosed please find the required Consumer Confidence Report for 2007 regarding important information about your drinking water supplied by the Pioneer Park Co-Op well. This required report is to be prepared and delivered annually to all members of the Pioneer Park Co-Op prior to July 1st of the subsequent year of the report. A copy of the report is also on file with the Department of Human Resources. For those of you with web access, additional information can be found at: <http://170.104.158.45/inventory.php3> and entering our PWS # 41-00784.

As you will note in reviewing the attached document we had a successful year with no positive tests for Coliform Bacteria during the year. During 2007 we made additional repairs and adjustments to the chlorinator and have done repeat tests and the water tested free of Coliform Bacteria throughout 2007. We have continued to rotate our routine Coliform test sites between three different locations and have had clean results throughout the system. The report also covers the remaining Inorganic, Organic, and Microbiological Contaminants tested for during the required period.

During 2007 and early 2008 a number of Co-Op members jumped in and helped with special projects. Special thanks to Bob Boldt, Bob Lyons, Ian Deuchars, Charlie Arnest, Mike Beyer, and Al Currier for installing new roofs on the main well house, #1 and #2 booster pump houses, and inclosing our well head with a cement foundation and fiberglass cover.

2008 Sanitary Survey

In February of 2008 the Drinking Water Program inspector from the Polk County Department of Environmental Health conducted their required three year Sanitary Survey of our Ground Water System. There were five deficiencies noted in the inspection which will require: **1.** An effluent flow meter on our contact chamber in the #1 booster pump house, **2.** A tracer study on our chlorine flow, **3.** Subsequent monitoring of said chlorine flows and values in the system, **4.** An operations and maintenance manual, and **5.** Written standard operating protocols for other operators.

The first three deficiencies are being addressed by installation of the additional flow meter and then subsequent testing by HBH consulting engineers. We need a volunteer(s) to work on the development of the Operations and Maintenance manual and the written guidelines for operating protocols. I have a sample manual from a neighboring water system to use as a guide in creating our Pioneer Park Co-Op manuals and operating protocols. If you are interested in volunteering please contact me or any of the other officers. I will make our accumulated information available and assist you on the project.

Cross Connection Back Flow Check Valves (Important - Action Required)

Lastly, each year we complete an annual report on our Cross Connection/Backflow Prevention program to be in compliance with the State of Oregon Administrative Rules. In a nutshell, these are requirements regarding the installation of Backflow Check Valves and their annual testing. These rules were put in place by the State of Oregon to help assure safe drinking water for community wells.

A number of homes in the Pioneer Park Co-Op system already have Backflow devices in place however are not always tested annually and reported to us for reporting to the state. It is also quite possible some homes may need a backflow device however do not have one installed. This can occur when a new sprinkler system is installed, a pool is added, new or additional livestock added, or other potential hazardous situations occur.

This is a difficult thing to monitor and not something we volunteers have the time or inclination to police for the Co-Op. In order to be sure we are in complete compliance and are doing everything we can to maintain safe drinking water for our members, the officers have discussed and decided to require Backflow Check Valves for each residence. They will all be tested annually at one time by a certified inspector with a report sent to the member for record keeping and possible maintenance issues. The Co-Op will also receive a copy for reporting compliance with the State of Oregon.

The annual testing fee will be paid by the Co-Op, however to offset the testing expense our monthly water fee will be raised \$5 to \$30. The Backflow Check Valve installation and cost will be the responsibility of the home owner member.

Members may install the valves themselves, however initial testing will need to be completed after installation. Do it yourself installation may be from \$100 to \$200 with some required digging and plumbing expertise. Many plumbing businesses in the Salem area can install these devices for you. A few of the capable plumbing businesses are A-1 Plumbing Inc. - 503-585-2009, Cherry City Plumbing Inc. - 503-371-6141, and Judson's Plumbing - 503-363-4141. Depending on the amount of preparation you complete yourself, (digging to expose the pipe and backfill once completed), installation could range from \$350 to \$750. Installation will need to be completed by July 31, 2008 for testing in August 2008. The increase in the monthly fee will start August 2008. For better understanding a drawing and additional information on suggested installation is enclosed.

Should you have any questions or need any help in further understanding this information, feel free to call or email me at the phone number or Email address listed above.

Very truly yours,

A handwritten signature in black ink, appearing to read "Bill Bingle". The signature is written in a cursive, flowing style.

Bill Bingle, Secretary
Pioneer Park Co-Op

Backflow Double Check Valve Suggested Installation

Where to locate:

Valve should be at least 3' from the main Co-Op feeder line but no more than 10' from where it enters member property. We are suggesting this so enough room is left for possible installation of water meters in the future as well as locating the backflow device to provide the maximum protection to the main Co-Op feeder line and system.

If the point of entry, terrain, or foliage growth makes it difficult to install or access for annual testing or possible repair then your best judgment will prevail. In all cases, the Double Check Valve needs to be located on the system side of any irrigation sprinkler systems, stand pipes, swimming pools, livestock tanks, or any other potentially hazardous exposures. If you need any assistance in deciding where to locate the check valve feel free to contact any of our officers.

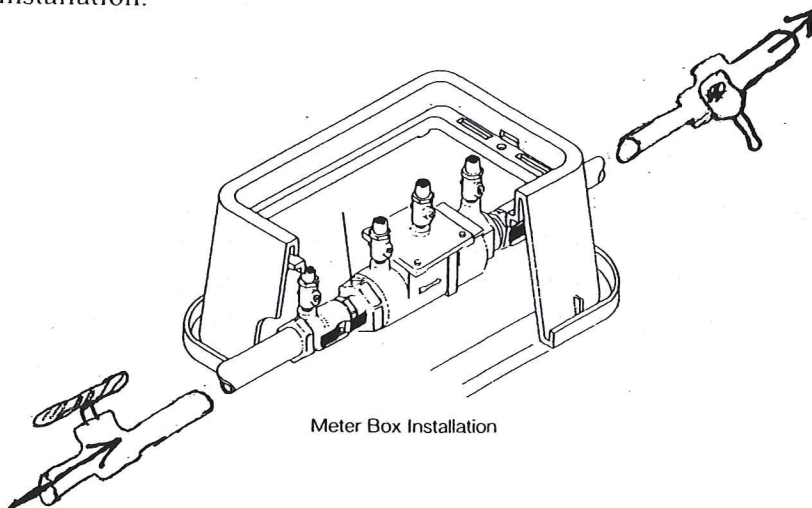
Suggested Unit/Material:

There are many applications and manufactures of Double Check Valves. We have no requirement as to the brand you choose. A few of the valves in use are Watts, Wilkins, Conbra, Ames, and Febco. Many can be purchased at a hardware supplier in Salem or on-line. If your purchasing your own and installing be sure and shop around as the prices vary greatly from one retailer to another.

Suggested Configuration:

Even though the standard Backflow device has shut offs at each end, we are suggesting gate or ball shut off valves be installed on each side of the check valve. This will allow for easy shut off and isolation of the valve in the event the valve shut offs fail for testing or if the valve needs to be repaired or replaced.

This may also be a good opportunity for installation of a pressure regulator if you are located close to one of the relay booster pumps or are downhill where gravity provides additional or unwanted pressures to your household. There is no Co-Op requirement for pressure regulator installation.



Meter Box Installation