



Resident:

The Lake Havasu City Council has directed staff to institute a program to provide the community an increased level of security against sewage backups into their homes. All homes that were connected during the wastewater system expansion program are to be surveyed to determine if a Sewer Relief Valve (SRV) or a Backwater Valve (BWV) would afford some additional protection. PBS&J was hired to perform these surveys and analyze which homes could benefit by having either a SRV or BWV installed.

Any home whose base elevation falls below or close to the same elevation of the nearest upstream manhole does warrant additional protection. If a home is determined to be below or close to the same level of the upstream manhole, the City has authorized these homes be offered to have an SRV installed on their property. If it is further determined that the home does not have appropriate drainage away from the clean out or if it is one of the first homes just upstream from a neighborhood pump station, than those homes would warrant the installation of a BWV. Your home has been noted as requiring a BWV.

The BWV is a device that will be installed within your existing lateral outside the home that will prevent flows that may back up into the lateral due to blockage in the mainline, be stopped in the lateral. Installation does require digging up the property near the right of way to install a new BWV with an associated clean out.

In order to ensure the City's contractor can access your property for installation, please fill out the attached form and sign the attached agreement.

Once installation is complete, the BWV becomes the responsibility of the property owner to maintain. See attached Fact Sheet for more information. If not properly maintained, your private flows could be blocked and back up into your home.

Please see the following attachments:

1. Backwater Valve Program Form
2. BWV Fact Sheet with schematics
3. License agreement to enter your property

If you have any questions, please call (928) 855-4505.



LAKE HAVASU CITY BACKWATER VALVE PROGRAM

As a component of the Wastewater System Expansion program, a new lateral has been installed on your property. It has been determined that your home needs a device to be in compliance with the City's Building Code. The Backwater Valve Program is used to allow the City to install a backwater valve (BWV) on your private sewer lateral. Your property qualifies for this program because it is either below the next upstream manhole and sits lower than the street, resulting in possible drainage difficulties, or because your property drains to a neighborhood sewer pump station. These two situations require more than a sewer relief valve and must utilize a BWV.

You may have previously noted on the Sewer Relief Valve Program Form that there are fixtures below your finished floor. If so, all field verification has been completed and it does not appear that a sewer relief valve would be effective on your property.

The process to have the City install the backwater valve is as follows:

- 1) Fill out this form and sign the license agreement. Return in the self-addressed stamped envelope or return to PBS&J at 60 South Acoma Boulevard Suite C106, Lake Havasu City, AZ 86403.
- 2) When the majority of the approvals for a sewer basin are received, the project will be advertised for construction. A contractor will then be awarded the contract by the City Council. It is estimated that this will be in the November/December 2010 time frame but could be as late as February 2011.
- 3) The contractor will then begin the process of installing the backwater valves. They will be required to distribute a door hanger 48 hours in advance of going on the property. As the property owner, you do not need to be present during the installation and will be limited from using water during the actual installation.
- 4) The contractor will have two to three months to complete the valve installation for each area.

Customer Name

Last Name

First Name

Middle Initial

Service Address

(Where it will be installed)

Street, City, State, and Zip Code

Mailing Address

(If different from above)

Street, City, State, and Zip Code

Telephone Number

Home

Work

Lake Havasu City Water Account Number _____

Property Owner

Signature

Date