

THE MAINLINE

VOLUME 17, ISSUE 2

FALL 2009

BARTONVILLE WATER SUPPLY CORPORATION NEWSLETTER



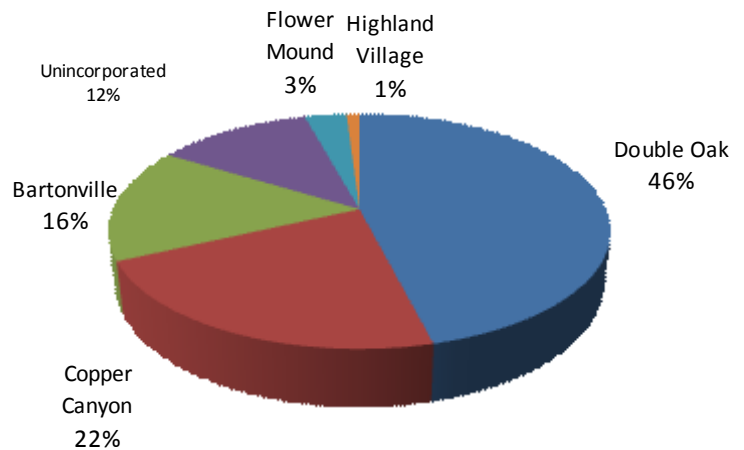
Call Before You Dig



For your safety, call the Texas One-Call Notification Center at least two business days before digging or excavating more than 16 inches deep with machine powered equipment. They will arrange to have the utility lines marked for you.

It's **FREE**. It's **Easy**. It's the **LAW!**

Meters/Members by %



Double Oak	968
Copper Canyon	462
Bartonville	331
Unincorporated	252
Flower Mound	68
Highland Village	21
Total	2102

BARTONVILLE WATER SUPPLY CORPORATION

BOARD OF DIRECTORS

President	Larry Kaufman
Vice-President	Patrick McDonald
Secretary/Treasurer	Lloyd Hanson
Director	Michael Paulson
Director	Bill Wilkinson
Director	David Moore
Director	Gracie Egan

EMPLOYEES

General Manager	Jim Leggieri
Superintendent	Eric Laird
Field Rep./Operator	Jeremy LaBelle
Office Manager	Dawn Hicks
Billing — A/R	Leanna Spencer
Admin Assistant	Robin Kern

Bills are Due the 8th
of Every Month.

Check out our new website at bartonvillewater.com, online bill pay with credit card coming soon...

Capital Project News

BWSC is currently finishing up its newest water well located at the intersection of Jeter and Porter Rds. in Bartonville, TX. The well should be in use by the end of October. This well is the largest producing of all BWSC's water wells at 1,000 gallons per minute or approximately 1.5 million gallons per day. In addition, in November, BWSC will begin drilling a second well at it's StarGate site. This is a 4+ acre site located at the end of I.T. Neeley Rd. in Bartonville.

These new wells will be used to help meet the current and future demands on our system and will benefit all BWSC members. Through our distribution system's network of water mains, including 16" and 24", water can be distributed efficiently to all portions of our system. Combining production between the newest well and the soon to be drilled well, BWSC hopes to have increased its available production to an additional 3 (MGD) million gallons per day.

By drilling these water wells, BWSC can reduce its dependency on more expensive surface water. Three MGD of surface water would cost approximately \$975,000 per year if it were purchased through our surface water supplier UTRWD. This would be an on-going annual expense. In addition to the \$975,000 per year, BWSC would also be required to pay for every gallon of this surface water used. As a result, BWSC is attempting to limit further subscriptions for surface water.

BWSC is also in the process of installing VFD (Variable Frequency Drive) motor controls at its Copper Hill pump station in Copper Canyon, TX. VFD motors, simply put, control the motor/pump that pushes water into the system. The controls can make the motor work at its maximum capability or much less, depending on the service areas demand for water. As a result, the amount of electricity needed and used can be greatly reduced which is of benefit to BWSC as well as COSERV. In addition, since the equipment does not work at its maximum rated ability, 100% of the time, it's life expectancy can be extended. The Copper Hill pump station is our largest and like all of our pump stations sends water to all areas of our system.

BWSC is also currently obtaining a water line easement across private property, that will allow us to install a water line for the purpose of creating a loop at the southern edge of our service area. Once installed, this 3,500' of water line will allow us to flow water in two directions, eliminate two "dead end" mains and serve additional customers.

Please feel free to contact the office if you would like any additional information at 817-430-3541.

High Water Consumption

This summer we have had a lot of Bartonville Water Supply customers that have had high water usage. Some were due to water hoses being left on, customers with a private well that used BWSC water instead of well water, and customers that actually had major and minor leaks that were out of the customers control. Please report water leaks to BWSC staff and also keep watch out for your neighbor that might be out of town with water running from their property, etc. We would be glad to go investigate anything that could help prevent a loss and an expensive water bill. Thanks so much to all of our customers for your support.



WHAT IS A CROSS-CONNECTION?
WHAT ARE THE ASSOCIATED DANGERS?
WHAT CAN I DO TO PREVENT THIS?

In the water utility business, simply put, a cross-connection “is a connection that allows water of an unknown quality and/or source to mix with that of a known potable quality/source”.

The dangers associated with a cross-connection are many and the results may lead to sickness, poisoning, and others that may affect one or more individuals on a localized or even system wide basis. This can all happen simply through a “connection”.

You have probably seen numerous examples of cross-connections and in fact unknowingly created a few as we all have. This could be leaving a submerged hose running to fill or top off a swimming pool, stock watering tank, bucket of car wash solution or any other situation where such a link between the two sources exist.

In these situations, contamination or pollution of the drinking water supply in your home could possibly take place if there were a break in the water main or your service line down stream. The break can create a partial vacuum and like drawing water through a straw, siphon the contaminated liquid into other water lines.

Another method for creating a cross-connection is by way of the private water well. Many times this type of well is used for irrigation purposes to avoid high watering bills.

In these situations, an irrigator, possibly a plumber or the homeowner cross-connects the two water sources by failing to install the correct cross-connection/backflow device. The intended purpose for having the two connected is “just in case” one supply is needed to substitute for the other for irrigation purposes.

This type of connection, allowing a homeowner the ability to use one system or the other can be made IF the correct cross-connection/back flow device called an “RPZ” (Reduced Pressure Zone) back flow preventer is properly installed.

If installed improperly or if the wrong device (typically a double check valve) is installed, there are two negative possibilities. The first is that, if at a greater pressure, the water from the well or other (pond, lake) irrigation source could be pushed back into the homeowner’s service line, or possibly the public water supplies water main. Both are very bad situations. In addition, such an improper connection can also lead to water from the public system, if under greater pressure, pushing back in the opposite direction. As a result, the homeowner does not irrigate as intended using well water but with the public system water resulting in a horrendous water bill!

You can help us prevent such possible dangerous situations by being alert when using a hose around the house or doing plumbing repairs.

Also, don’t be mislead and assume that the licensed irrigator or plumber you hire is “up to speed” on current T.C.E.Q. (Texas Commission on Environmental Quality) laws*. There have been actual instances this past summer when licensed irrigators installed an improper back flow device placing the homeowner and possibly our/your public water system in jeopardy. One particular irrigator touted that he had actually been on the State board of irrigators at one time after installing the incorrect device. In addition, he had failed to obtain the required town permit to even perform the irrigation work.

Therefore, the “professional” you have hired and are paying to do things properly is not, and in fact, their work may not only harm you, your family, and others but may cost you additional money as well.

Please feel free to call the BWSC office at 817-430-3541 if you have any questions about what is required regarding suitable back flow devices licensing, etc. and your town hall regarding required permits. Remember, if you are in the unincorporated portion of Denton County you are still required to have a permit issued by the county prior to drilling a personal or private well. You can also check the TCEQ website and their links to look up irrigators, or well drillers to see if they are currently licensed.

* Texas Administrative Code, Ch. 290, Section 290.47 (i) (Appendix I).

** 30 TAC 290.44 (h) (4) Must be tested annually by a certified backflow prevention assembly tester.

The Mainline

Bartonville Water Supply Corporation
1911 E. Jeter Road
Bartonville, Texas 76226-9401
Metro (817) 430-3541 Fax (817) 430-3526
www.bartonvillewater.com

PRESORTED
FIRST CLASS MAIL
U.S. POSTAGE PAID

PERMIT NO. 7
ARGYLE, TEXAS



Bartonville Water Supply Corporation would like to be notified of any changes to your phone number or address. Please take a moment to fill out the form below so we can update our files. This information really comes in handy when there is an emergency.

Acct #:

Name:

Mailing Address (including City and Zip):

Home Phone:

Work Phone:

E-Mail Address:

Emergency Phone: