Tempe's Water Distribution System

What happens to the water after it is treated at the water plants?

After treatment, the water is pumped into a very large grid of underground distribution lines that span the entire city. These pipes range in sizes anywhere from 66 inches to 6 inches in diameter. Service lines, which branch off the larger distribution lines, supply water to our businesses, industries and residents. These lines can range anywhere from

8 inches to ¾ of an inch in diameter and end at the water meter.

Also within the distribution system are booster stations. These booster stations help to keep water pressure at desirable levels within the city. These booster stations are “adjustable” to meet increasing or decreasing demands within their boundaries.

Wells are also an integral part of the water distribution system. Tempe has several wells located throughout the city. These wells help to supplement water to the distribution system in times of high demand, which usually occurs in the summer months. Additionally, they can act as “mini” booster stations when demand within a certain area has increased. Finally, they play a large role in supplying water to the distribution system when a water plant is shutdown for regular maintenance.

The Water Utilities Division, in addition to overseeing the wastewater collection system, is responsible for maintaining and repairing the entire water distribution system which includes 831 miles of water lines, 27,000 water valves, 9000 fire hydrants, 14 wells and 3 booster stations.

**If you are experiencing problems or have specific questions regarding your water service, please call 480-350-2837.**

**If you have an issue or specific questions regarding your water bill, please call**

**480-350-8361.**