

How BJWSA Elevated Storage Works

BJWSA has 12 elevated storage tanks, ranging in capacity from 100,000 gallons to 1.5 million gallons. These tanks are sized according to the need for that area of the community.

Air vents allow air to enter and leave the tank as the water level falls and rises.

A sensor measures the water level inside the tank. When the water level is low, a pump station pushes water through a pipe to fill the tank.

If the water level controls malfunction, causing the water level to overflow, an overflow pipe releases water to a splash plate or drain.

pump station

As the water is released from the high tank through a pipe and into the water main, the force of the water downward ensures that you have proper water pressure.

