

Where Do We Get Our Water?

The Town of Normal Water Department uses ground water provided by 15 wells supplied by the Banner (Mahomet-Sankoty Aquifer), Glasford, and Wedron Formations. An aquifer is a geological formation that contains water. Nine wells are located within the corporate limits of Normal and six wells are located south and west of Normal. This untreated groundwater is transmitted to our Water Treatment Plant through a network of underground pipes. At the Water Treatment Plant, the groundwater is softened, filtered, fluoridated, and disinfected. Most of the chemicals added are later removed as part of the treatment process but some, such as chlorine and fluoride are intended to remain in the water. The treated water is then pumped to storage tanks for use by our citizens.

Groundwater bearing sand and gravel



Wellhouse & Pump

Water is aerated and begins treatment



Lime and Alum added to soften water



Mixing and Clarification



CO2 added to adjust pH level
Phosphate added for corrosion control
Fluoride added to prevent tooth decay
Chlorine added to kill microorganisms



Ground Storage Tank



Pumped to elevated storage tanks



To homes for consumption