



***Battenkill Main Well House***



***Al Baccei Former Water &  
Wastewater Superintendent,  
Town of Manchester***

The Town of Manchester, Vermont purchased a water system in 1980. In 1984 the Water Department and the Water Commissioners initiated a system upgrade that included investigation of a reliable water source. One of the largest sources of groundwater in Vermont was found adjacent to the Battenkill River, south of the Town center. The Vermont Water Supply Division has approved the yield of the well at 800 gpm but the actual aquifer can provide 4,000 gpm or over 5 mgd.

The backup well was installed in 1988 to provide an uninterrupted source of water supply during well or pump maintenance. The backup well uses a submersible pump and pittless adapter to transfer water into the system. The combination of these two wells can provide sufficient water to meet demands in Manchester for decades to come.

### KEY FEATURES

- Source capabilities exceed 1,200 gallons per minute.
- Backup well provides uninterrupted supply during well or pump maintenance.
- No treatment required.
- Proactive design provided for groundwater disinfection.