

UV Pure® Case Study	
Application:	Industrial/Commercial Projects
Solution:	Hallett® System for multiple uses
Location:	Maryland, US



Pure, safe water.
Always:

Tevis Oil switches to Hallett® Systems for reliability in a range of water conditions.

A year ago, an oil company in Maryland wanted to address MTBE levels in the groundwater of a community nearby one of its outlets. MTBE is a constituent of gasoline and other petroleum products. The company was using carbon filtration with UV purification technology to remove this hydrocarbon from water supplied by potable water wells.

The highest level of MTBE considered acceptable by the state department of the environment is 20 ppb. However, Tevis Oil was prepared to install carbon filtration with UV systems in any home where the water had levels as low as 0.5 ppb.

In an initial round of installations, 20 systems with a UV component of a well-known brand exhibited significant operating problems, including constant alarms and system shut downs. This meant that the taps would be dry until the alarm was reset or the system was serviced-an inconvenience to a homeowner.

Through a diligent search to find a better UV system, Tim Watkins of Tevis Oil, found the Hallett® system and decided to conduct a three month trial of this product. The trial confirmed for him that this technology would operate reliably in the variable water conditions that they were dealing with.

“I needed a UV system that was rugged and durable. I needed something that could handle well water, not something that could only handle bottled water quality like the other system we tried. Besides the other leading brand needed a neutralizer and a water softener to support their technology – so more expense, more things to go wrong, and more things to install in a home.” - Tim Watkins, Tevis Oil.

With the successful trials behind them, Tevis Oil replaced the original 20 UV systems with Hallett® systems, and is ordering more for remaining households including one they recently installed in a daycare.

“We are definitely planning to use only UV Pure®’s systems from now on. They meet our needs, they’re low maintenance and they get the job done in all kinds of water conditions.”

