

Over 20 Years of Service and Carlton's Water is Still Number One

Anaheim, CA: Filtronics, Inc. is pleased to announce the small municipality of Carlton, Oregon, which utilizes Filtronics *Electromedia*® V Automatic Filtration System, was judged best tasting water in Northwest Oregon in the 2008 Annual American Waterworks Association Northwest Subsection's Best Tasting Water Competition. In a blind water tasting competition, judges sampled water from cities all over the state and evaluated each based upon odor, flavor and aftertaste. Carlton's water was awarded first place beating out entries from Portland, Salem and other larger cities.

The History

In 1985, after the first turbidity standards were introduced in Oregon and exhaustive research was done by city engineers, a Filtronics *Electromedia*® V (EM-V) System was chosen to solve the cities surface water problems. Carlton's water source, Panther Creek Reservoir which is approximately 7 miles west of town, had highly turbid raw water in the winter-time and algae in the summertime. The EM-V system was not only able to solve both problems and meet all water quality standards, but it also met their requirements for outstanding cost effectiveness. Andrew Klein of Klein Engineering who



Similar to wine tasting, judges sample wineglasses full of chilled water.



Panther Creek Reservoir

researched the available systems said, "Turbidity units would run way high," he said. "They had a lot of logging upstream from their reservoir and they had a lot of problems with mud slides and things of this type. They get heavy, heavy turbidity – the water was so thick you could almost walk on it, but the system did a good job."

In 2001, tightening regulations and population growth forced the City of Carlton to expand its treatment capacity to 1.4 million gallons a day. The flexibility of the EM-V system design allowed the city to upgrade so it accommodates the City's current residents and projected growth through 2020 while still producing water that is less than 0.2 NTU (and frequently less than 0.1) exceeding the new regulations. The expanded EM-V fully automated Filtronics system consistently produces over 30 million gallons of outstanding drinking water each month to an estimated population of 1,900 today.

The Company

With over 1300 installations around the world, Filtronics, Inc. is a global leader in the design and manufacturing of environmentally friendly permanent media filtration systems for communities of all sizes. For over 30 years, Filtronics proven designs maximize water production within the smallest space resulting in the most cost-effective solution. Designed with the capability for expansion, many municipalities are taking advantage of this feature in high population growth areas, adding additional filters to their original Filtronics systems to meet increasing demand and compliance with ever more stringent drinking water regulations.

www.filtronics.com ♦ info@filtronics.com.

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