



The **SAFEST WATER** In The World

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**FOR IMMEDIATE RELEASE**

**MIOX Disinfection Used in Indirect Potable Reuse Project**

*Cloudcroft, New Mexico, a beacon for water conservation with safer, greener technology including on-site disinfection generation*

**Albuquerque, NM – June 16, 2010** – MIOX Corporation, a leader in safe water disinfection, has been selected to provide disinfection for an innovative indirect potable water reuse system, pipe-to-pipe recycling of wastewater for everything from dishwashing, clothes washing, irrigation, street cleaning and even drinking. After a drought in 2006 left the small high desert community of Cloudcroft, NM, completely without water, they decided to move away from their existing traditional gas chlorination treatment method to a fully reclaimed, recycled “zero liquid discharge” system. Partially funded by the American Recovery and Reinvestment Act of 2009 (ARRA), using photovoltaics to provide power to the plant, the reuse system is a groundbreaking trifecta of water conservation, safety and environmental innovation.

After carefully reviewing the disinfection options, Cloudcroft reuse plant supervisor Tom Stewart concluded that MIOX was the best disinfection technology to cost-effectively maintain the necessary chlorine residual while also preventing or minimizing organic growth in the distribution line.

“As a water teacher, it’s important for me to keep up with the latest water treatment options,” said Stewart. “I have a long history of successfully working with MIOX and knew their technology and experienced staff would be an excellent inclusion in Cloudcroft’s long-term water solution strategy to use 100% recycled water.”

The Cloudcroft reuse system uses a membrane bioreactor (MBR), a multi-barrier filtration system, and MIOX on-site sodium hypochlorite to treat the wastewater. Natural waters from local sources will be blended in and disinfected with MIOX mixed oxidants to better-than-drinking-water standards. With a permanent population of approximately 800 people that can grow to nearly 8,000 during vacation season, Cloudcroft will use a MIOX HYPO10 on-site sodium hypochlorite generator that can treat up to 200,000 gallons per day (GPD) at the wastewater treatment plant, and an Ox-Cell mixed oxidant generator that can treat up to 360,000 GPD for final disinfection to drinking water.

MIOX’s clean technologies treat water using only salt, water and electricity to generate a dilute disinfectant on site. Creating disinfectant on site is safe, cost effective and environmentally responsible, cutting back transportation requirements, reducing carbon emissions and fuel consumption, and eliminating the storage losses and disposal of chemical containers.

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**About MIOX Corporation**

MIOX Corporation ([www.miox.com](http://www.miox.com)) is focused on solving one of the world’s most pressing issues: the need for affordable, safe, and healthy water. MIOX’s patented on-site water disinfection technology safely and economically generates either hypochlorite or advanced mixed oxidant using just salt, water and power, replacing the need to purchase, transport and store dangerous chemicals. MIOX is safely used in over 30 countries for public drinking water systems, water reuse projects, and non-municipal applications including the food and beverage, power, and aquatics and leisure industries.