

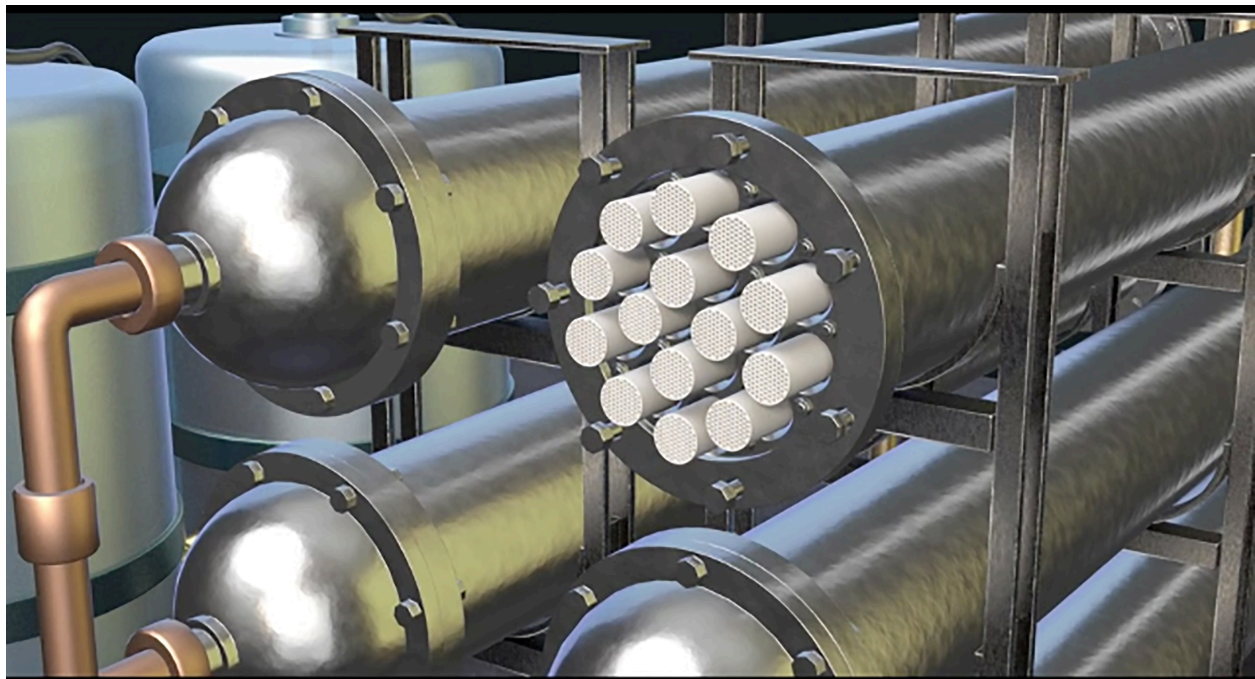


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**Fortune 50 Company Selects Cerahelix to Provide Revolutionary Membranes to Treat Over 100,000 Gallons per Day of Industrial Wastewater for Reuse at Manufacturing Facility**

*Revolutionary Membranes Combine DNA Biotechnology with Ceramic Chemistry to Simplify Process and Significantly Reduce Costs*



**Orono, Maine, May 14, 2019** – Cerahelix, Inc. developer of a new class of ceramic membranes for water and wastewater treatment, has been awarded a contract by one of the world’s largest manufacturers of personal care products – a Fortune 50 company – to provide its revolutionary ceramic membranes for use in treating wastewater for reuse.

Cerahelix’s filters will operate as a single stage treatment system to treat plant wastewater at a rate of more than 100,000 gallons per day (GPD). The permeate and concentrate will be reused internally and

externally, saving water resources, eliminating discharge into the environment, and providing added value to the company.

Combining the power of DNA biotechnology with ceramic chemistry, Cerahelix's products represent a new class of membrane. Its revolutionary picofiltration process provides membrane filtration at the molecular level and opens the door to new applications of ceramic membrane technology while delivering significant savings in lifetime costs.

"We are proud that our revolutionary membrane filtration products have been selected by this leading company, which has set comprehensive sustainability goals that include water reuse. Our membranes will provide an extremely effective yet elegantly simple way to treat wastewater at this facility, achieving 90% recovery and reducing chemical oxygen demand (COD) by over 95%," said Susan MacKay, Chief Executive Officer of Cerahelix.

Cerahelix's patented process employs a DNA template to form the pores used to filter water and wastewater, controlling the pore size to extend the range of treatment applications for ceramic membranes from nanofiltration to high purity picofiltration. Cerahelix membranes deliver a robust, reliable, efficient and cost-effective water treatment solution that simplifies the process, achieving ten times higher purity than today's best commercially available ceramic filters while significantly reducing costs.

Cerahelix currently markets a commercial scale, large format filter element product that can be made with three different molecular size cutoffs, ranging from 400 Daltons to 1,200 Daltons, to meet specific needs.

To learn more about the Cerahelix technology, visit [www.cerahelix.com](http://www.cerahelix.com) or contact [info@cerahelix.com](mailto:info@cerahelix.com).

### **About Cerahelix**

Founded in 2011, Cerahelix ([www.cerahelix.com](http://www.cerahelix.com)) has combined DNA biotechnology and ceramic chemistry to create a new class of membranes that expands applications of ceramic filtration technology beyond nanofiltration. Called picofiltration, this patented process quickly and efficiently transforms wastewater to reuse-quality water. Cost savings include less downtime, decreased energy consumption, and higher water recovery. The combination of high purity and durability in a single filter product makes Cerahelix membranes ideal for multiple industries with wide-ranging applications including industrial water reuse, organic solvent separations, and concentration of bio-based chemicals and pharmaceuticals.

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