



**FINAL FOR IMMEDIATE RELEASE**

## **IDE Technologies Opening Two Wastewater Reuse Demo Facilities in California**

*The demo facilities will utilize IDE's advanced water reuse processes to demonstrate a safe and efficient water supply*

**Carlsbad, California – March 13, 2018** – [IDE Technologies](#), a world leader in water treatment solutions, today announced that its technology will be used in two new wastewater reuse demo facilities in California: [The Central Coast Blue Advanced Water Purification Demo Facility](#), in partnership with [the City of Pismo Beach](#), and the [Regional Recycled Water Advanced Purification Center Demo Facility](#), in partnership with the [Metropolitan Water District of Southern California](#) and the [Sanitation Districts of Los Angeles County](#). As California has been severely impacted by drought and the state continues to face a shortage of groundwater, advanced water reuse is proving to be a sustainable alternative for a clean, efficient and safe water source for groundwater replenishment in the state.

For the Central Coast Blue Advanced Water Purification Demo Facility located in the City of Pismo Beach, IDE will demonstrate an energy-efficient solution with reduced chemical consumption to produce purified water. The facility will have a capacity of 58,000 gallons of water per day. It will allow IDE to demonstrate and test its proprietary recycled water process, Ecological Reuse (Eco-Reuse). IDE's Eco-Reuse process is designed to optimize performance while minimizing costs. It uses a proprietary preventative maintenance approach without the use of chloramine and hence avoiding the formation of N-Nitrosodimethylamine (NDMA) – an organic contaminant suspected as carcinogenic.

“While the Five Cities communities of Central Coast Blue have taken extensive conservation measures to address the ongoing drought, we’ve realized that this approach alone won’t achieve sustainable water supplies,” said Ben Fine, City of Pismo Beach director of public works. “We appreciate IDE’s investment in piloting its leading-edge water reuse technologies. This development supports our overall efforts to identify the best treatment approaches to create a reliable and sustainable water supply for our community.”

IDE will demonstrate its reverse osmosis (RO) process for wastewater reuse in the Regional Recycled Water Advanced Purification Center Demo Facility located in Carson. Once wastewater is discharged from homes, businesses and industries, it will be cleaned and treated then sent to the advanced water treatment plant for further purification. The facility will have a capacity of 500,000 gallons of water per day. IDE's RO will be integrated into a novel process using membrane bioreactors (MBR) as a pretreatment to the RO to remove tiny particles, biodegradable pollutants and nitrogen compounds. The RO system will then be used to remove suspended and dissolved components, such as bacteria, viruses, pharmaceuticals and salts, eliminating more than 99 percent of all impurities. Once the water completes the full purification process, it will be used to replenish Southern California's groundwater basins.

“We are excited about the opportunity to test and demonstrate our new state-of-the-art solutions in California as we aim to provide a continuous supply of high-quality water in the long term,” said Gilad Cohen, CEO of IDE Americas. “These facilities are a crucial step in California realizing the immense benefits of wastewater reuse and we’re thrilled at the opportunity to see large-scale implementation in the future.”

These world-class facilities are part of IDE’s growing portfolio of economical, green water treatment solutions for municipal and industrial use. The Central Coast Blue Advanced Water Purification Demo Facility will target an opening to the public in May 2018 and the Regional Recycled Water Advanced Purification Center Demo Facility will open in late 2018.

### **About IDE Technologies**

A world leader in water treatment solutions, IDE specializes in the development, engineering, construction and operation of some of the world's largest and most advanced thermal and membrane desalination facilities and industrial water treatment plants. IDE partners with a wide range of customers – municipalities, oil & gas, mining, refineries and power plants – on all aspects of water projects, and delivers approximately 3 million m<sup>3</sup>/day of high quality water worldwide.

For more information, visit [www.ide-tech.com](http://www.ide-tech.com).

### **Press Contact:**

Fran Bosecker  
PAN Communications for IDE Technologies  
212-385-9770  
[ide-tech@pancomm.com](mailto:ide-tech@pancomm.com)