



News Release

Biwater Awarded Reverse Osmosis Treatment Project for the Perris II Desalter in Southern California

California, USA – 8 May 2019: Biwater Inc. has been awarded a contract to design, supply and supervise the installation and commissioning of a brackish reverse osmosis (RO) system for the Perris II Desalination Facility in the City of Menifee, Southern California.

The Perris II Desalter is being constructed as part of the Eastern Municipal Water District (EMWD) groundwater desalination program. The new facility will have a finished water capacity of 5.4 million US gallons per day (20 million liters per day), allowing the EMWD to meet the needs of 30,000 households annually. Site work is underway following the recent groundbreaking ceremony, with construction anticipated to be completed in 2021.

“Biwater is excited to be part of EMWD’s desalination program to enhance salinity management and expand the use of groundwater supplies in the region. Our advanced RO membrane system is the key process in treating brackish groundwater to deliver high quality potable water at the lowest CO2 footprint possible today,” said Jorg Menningmann, President of Biwater’s Membrane Treatment and Desalination Sector, Biwater Inc.

High salinity levels in the Perris and Menifee brackish groundwater basins make the water undrinkable. The Perris II Desalter facility will remove the salts utilizing Biwater’s RO technology, helping to expand groundwater utilization while improving drinking water quality.

This desalination facility helps ensure a safe and reliable water supply for the region, reducing the reliance on imported water.

Parties involved:

- Main contractor: Kiewit
- Design engineering: Black & Veatch
- RO Designer and Systems Supplier: Biwater Inc.

– ENDS –

Photos:



Caption: Perris II facility illustration



Caption: EMWD groundbreaking ceremony group photo

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About Biwater:

Biwater provides large-scale water and wastewater solutions for clients across the world. Since its inception in 1968, Biwater have gained recognition for innovative approaches aimed at overcoming the world's most pressing water-related challenges. Throughout its history, the company has grown to meet the demands of many water-stressed countries and their burgeoning populations. It has a successful record of accomplishment, having

completed over 25,000 projects in over 90 countries – financing, consulting, process engineering, designing, constructing, operating, maintaining and owning water facilities – in both rural and urban environments.

Membrane Treatment and Desalination Centre of Excellence:

Biwater's Membrane Treatment and Desalination Centre of Excellence (Biwater Inc.) is a premier membrane system designer and supplier producing high purity drinking, process and reuse water for both municipal and industrial clients. The Group currently has more than 450 MGD of installed membrane treatment capacity globally utilizing MF, UF, MBR, NF and RO technologies.

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