

FOR IMMEDIATE RELEASE
May 30, 2017

Contact: Adam Keigwin
akeigwin@mercuryllc.com

State Lands Commission Publishes Huntington Beach Desalination Project Draft Supplemental Environmental Impact Report

Huntington Beach, CA – Today, Poseidon Water announced that the California State Lands Commission (SLC) has published the Draft Supplemental Environmental Impact Report (DSEIR) that analyzes the new seawater intake and discharge technology enhancements for Poseidon Water’s proposed Huntington Beach Desalination Project (the Project). The DSEIR is scheduled to circulate for public comment until July 12, 2017 followed by a SLC public hearing on August 17th. A copy of the DSEIR can be found at www.slc.ca.gov.

“On behalf of Poseidon Water, we want to thank the California State Lands Commission staff for their effort in preparing the Draft Supplemental Environmental Impact Report,” said Scott Maloni, Vice President of Poseidon Water. “Publication of the Draft Supplemental EIR is an important milestone in the final phase of the permitting process for the Huntington Beach Project.”

In October 2010, the SLC and Poseidon executed a Lease Amendment allowing for the use of the Huntington Beach Generating Station’s seawater intake and outfall facilities for the purposes of operating the Project. In approving the Lease Amendment the SLC relied upon the Subsequent Environmental Impact Report certified by the City of Huntington Beach on September 7, 2010. The SLC is now supplementing the 2010 report with additional analysis of the new seawater intake and discharge technology enhancements proposed by Poseidon to demonstrate compliance with the State Water Board’s recently adopted seawater desalination regulations.

Because of these technology enhancements the Project will only require an average annual volume of source water of approximately 106 MGD, or 30% less source water than the 152 MGD required by the Project as approved by the SLC in 2010. Specifically, the proposed Project will incorporate 1mm (1/25th inch, approximately the thickness of a credit card) slot width seawater intake screens and a through-screen water velocity of less than 0.5 feet per second in an open-ocean setting. Once built, Poseidon’s Huntington Beach Desalination Plant will be the first large-scale desalination facility in the world to use this cutting-edge technology. Additionally, the plant will utilize state-of-the-art diffusers that will ensure that the salinity level in the plant’s seawater discharge meets the State Water Board’s stringent new receiving water quality requirements.

“We are proud to bring forward a state-of-the-art desalination facility that will serve as a model for environmentally responsible seawater desalination,” closed Maloni.

As a leader in the industry, Poseidon has also voluntarily committed to offsetting 100% of the proposed Huntington Beach Desalination Plant’s direct and indirect GHG emissions from the electricity grid through either the purchase of renewable power or the purchase of carbon offsets. While the reverse osmosis process to be used by Poseidon’s seawater desalination facility does not emit greenhouse gases, energy purchased from the grid may incur a carbon

footprint for which Poseidon has developed a protocol for identifying, securing, monitoring and updating measures to eliminate GHG impact.

When complete, the Huntington Beach Desalination Project will provide Orange County with 50 million gallons of fresh drinking water per day from the Pacific Ocean, matching the company's Carlsbad plant as the largest seawater desalination plant in the Western Hemisphere.

###

Poseidon Water specializes in developing and financing water infrastructure projects, primarily seawater desalination and water treatment plants in an environmentally sensitive manner. These projects are implemented through innovative public-private partnerships in which private enterprise assumes the developmental and financial risks. For more information on Poseidon Water and the Huntington Beach desalination facility, visit <http://HBfreshwater.com>.