RE: OPPOSITION - Poseidon / Huntington Beach Desalination Project

Dear Governor Brown and Honorable Chairpersons:

We are writing in strong opposition to the billion-dollar desalination plant proposed for Huntington Beach. Poseidon, the company behind this proposal, wants to profit by privatizing a public resource. They have tried to prey on drought fears to build support among the communities least well served by current infrastructure, but we know that Orange County has better options for meeting its long-term water needs. Desalination is a bad deal for ratepayers, and its high cost and outsized energy use will hit low income communities and communities of color hardest.

Access to clean, safe, reliable and affordable water is a basic human right, and one affirmed by California state law. We appreciate that state and local officials take this mandate seriously. We applaud the progress that has been made to date in water conservation, efficiency, and recycling. All the facts indicate that we simply don’t need desalination. Orange County’s most recent water plan, published April 2016, projects a healthy surplus through 2030. From May 2015 to May 2016, Orange County saved three times more water than the Poseidon desalination plant would produce. And, according to the experts at Pacific Institute, additional water conservation and efficiency improvements could reduce water use by more than a third. Knowing all this, Poseidon wants to lock Orange County residents into a 50-year take or pay contract with no escape hatch.
Orange County’s state-of-the-art water recycling facility produces 100 million gallons of fresh, clean water per day, twice the capacity of Poseidon’s proposed plant. It cost just $142 million to expand its capacity by 30 million gallons per day in 2015, compared with the billion-dollar price tag of Poseidon’s plant. Orange County still discharges about 100 million gallons of water into the ocean every day, so we are far from maxing out our potential for water reuse.

Many of our constituents are already suffering from poor air quality and climate impacts like heat islands, so we are particularly concerned about the high energy cost of desalination. It is by far the most energy intensive option, using about three times as much energy as recycling. All of that energy has to come from somewhere, and powering this huge plant will undermine much of the climate progress California has made, fueling more drought in the long term. Furthermore, the proposed location is vulnerable to floods from rising seas, as well as earthquakes and tsunamis.

We are calling on you to deny the permit for this costly boondoggle. Orange County Water District should focus on water efficiency, recycling and stormwater projects that can meet future water needs without compromising the health or economic well-being of our people.

Sincerely,

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