

January 12, 2023

The Honorable Alex Padilla
U.S. Senate
112 Hart Senate Office Building
Washington, D.C. 20510

Dear Senator Padilla:

On behalf of the Orange County Sanitation District (OC San), thank you for your leadership and success in securing OC San's Fiscal Year 2023 Community Project request for the Supercritical Water Oxidation project. The opportunity to secure the federal assistance will help us to demonstrate a PFAS destruction technology that will help us protect the citizens of Orange County, its natural resources and provide other communities across the nation with a proven treatment technology.

As noted in our original request, your success will support a six-ton-per-day demonstration project called AirSCWO Nix6. This process uses water at a high temperature and pressure to oxidize and break down complex compound materials like PFAS. Once treated, we expect that the compounds are transformed into more basic and benign compounds and ensure enhanced public health including exposure from water and air that would otherwise contain PFAS. When operational, AirSCWO Nix6 may provide opportunities to solve other challenges facing OC San and other clean water agencies throughout California. Our work may also help address environmental and public health concerns related to treating microplastics, reducing greenhouse gas emissions, and increasing the efficiency of the treatment process, while also reducing solids processing costs.

Additionally, our partners at the Orange County Water District have sent you an invite to serve as a speaker at the Final Expansion of the world's largest potable reuse facility, the Groundwater Replenishment System in Fountain Valley on Friday, April 14 we look forward to hearing from you and hope you will be able to join us. Again, thank you for supporting OC San's mission to improve Orange County's water quality and protecting public health.

Sincerely,



Chad P. Wanke
Board Chairman

Serving:

Anaheim
Brea
Buena Park
Cypress
Fountain Valley
Fullerton
Garden Grove
Huntington Beach
Irvine
La Habra
La Palma
Los Alamitos
Newport Beach
Orange
Placentia
Santa Ana
Seal Beach
Stanton
Tustin
Villa Park
County of Orange
Costa Mesa Sanitary District
Midway City Sanitary District
Irvine Ranch Water District
Yorba Linda Water District