

## Hamlin Statement on Item # 9 Reverse Osmosis

(Via email)

I will be watching the meeting remotely, but I wanted to make this statement about item # 9, the proposed Reverse Osmosis (RO) capability at the wastewater plant.

I support this action and consider it a positive step in support of the existing chloride issue but eventually toward the State mandated potable reuse mandates.

In the attached Direct Potable Reuse (DPR) schedule you can see that we are in the DPR comment period. The State will proceed next with reservoir augmentation (note previous email about the UWCD meeting) and eventually by 2023 to raw water augmentation. Remember reservoir water can be used for irrigation of crops, so we need to provide the best water technically possible to our agriculture. They will become good customers with good water.

RO can be configured to remove PFAs/PFOs as well as some pathogens (moving target). My suggestion would be research with the Water Board, the Veolia plant manager and general industry research. For example, the semiconductor industry, known for its water pollution issues, has been using RO for years, as well as the oil industry, to filter the water. And considering the oil industry shakeout, there may be used systems SP can acquire.

SP may be able to enhance system proposed in item #9 easily and it may be easier/cheaper to add initially rather than later.

[https://www.waterboards.ca.gov/drinking\\_water/certlic/drinkingwater/direct\\_potable\\_reuse.html](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/direct_potable_reuse.html)

