

## commentletters

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**From:** Nathan White <agessinc@gmail.com>  
**Sent:** Thursday, August 11, 2016 8:06 AM  
**To:** commentletters  
**Cc:** Laddie Flock; John freeman; Bill Kelly; Ken Harden; J Remark; Carl Hodges; Ned Daugherty; Tom Sephton; Tom Price  
**Subject:** 8/16/16 Board Meeting - Item #10: Sea to Salton Sea  
**Attachments:** Sea to Sea\_16.jpg; canal power.jpg; IMG\_5280.JPG; IMG\_5651.JPG; Sea to Sea\_6.jpg

Good Morning Esteemed Members of the Board,

Our team have been studying Salton Sea related selenium, nutrient and selenium issues for the past 5 years. The rate of change we have seen in that time frame alone is staggering and is quickly reaching its tipping point for salinity levels for sustaining fish which in turn sustains the birds that depend on them. The issues at the sea directly relate to climate change in their severity and urgency. The seas restoration isn't simply a financial burden but an opportunity for renewable energy abundance, alternative desalinization technologies and seawater farming systems that can be utilized to payback a return on investment (ROI).

We have been studying, as well as present our finishing a to the Long Range Planning Committee for the Sea, a long term permanent solution which would bring water from the Gulf of California through Laguna Salada. This proposal is a departure from Sea to Sea projects being studied by tetra tech and others due to their assumption that water not only needs to be imported but also exported doubling the cost of any proposed project with a very low chance of success due to the negative environmental impacts that would occur when pump high saline, nutrient and selenium rich water back into the ocean. The massive expense associated would also be a detour potential completion.

An alternative would be to create a partnership with Mexico in a cross boarder effort to fully restore a dormant sea in Laguna Salada as an offer for allowing the United States access to sea water. We would dredge a 100 foot by 10 foot deep canal from the Gulf of California using gravity to feed into the sea, installing intake structures and a pump station at the northern tip of the restored Laguna Salada 'Sea' to cross the border in an underground pipe. When the pipe turns downward we would incorporate Lucid Energy pipe generators to generate high quantities of renewable energy to offset energy usage at the pump stations.

We estimate twelve pipes at twelve foot diameter to get enough water to offset evaporation in excess of 1.2 million acre feet a year. This will cover the lost water that will be transferred to San Diego and CVWD as a result of the QSA as a result we can keep the water level constant and even return the water level to the historic shoreline. A Joi Scientific hydrogen production facility and desal plan will create renewable energy 24/7/365 and the by product is salt and fresh water. Energy will tie into the sunrise power link to feed San Diego and water will be gravity to fall down in unlined constructed canals to feed into the Salton Sea.

Sephton Water Technology can utilize water pumped from the Salton Sea and tie into the geothermal power plants to reduce salinity levels within the Sea will little pumping costs and very little energy demand. Floating Islands West and Intrinsyx Corporation will reduce selenium levels and nutrient overloading with specific plant species to mitigate water quality related issues. The Sea Water Foundation can use excess sea water to create Farming operations on both sides of the boarder for a wealth of jobs, food, water and energy.









