

There is a way to Desal ocean water and Brackish water not using Reverse Osmosis from the Gulf of California to fill the Salton Sea and the Laguna Salada with either potable water or ocean water. The technology that exist today is called Salt of the Earth Energy LLC in Texas. Joe Veytia is the Sr. V.P. His company can extract all of the salt from ocean water, brackish water or geothermal brackish water and convert it into valuable industrial chemicals. The byproduct is potable water at a very low cost. Of course using the geothermal energy would provide a source of free unlimited water. The unlimited supply of fresh water could come from the Gulf of California. This was proposed by the Carter Administration to build a gravity fed canal from the Gulf of California to fill the Salton Sea. Today we could use pipes, canals and river beds to keep the cost down. Or we could Desal the water in Mexico and send fresh water into the Salton Sea and the Laguna Salada. In any event the Salton Sea geothermal brine contains billions of dollars of Lithium. The Lithium and the mineral rich geothermal brine can be converted into phosphates, carbonates and hydroxides and other uses bringing in necessary income to pay for the finance of the pipes, desal and geothermal systems. We can obtain finance by obtaining long term "off take agreements" (purchase orders for the industrial chemicals, Lithium, fresh water etc. The Environmental impact would be zero. It is time to do a New EIR with this new technology I am suggesting. There also needs to be a new cost assesment. All of the data on the Salton Sea that everyone is making decisions is outdated or atypical. The old EIR will not allow Ocean water from the Gulf of California to be used to fill the Salton Sea. This report needs to be appealed in light of new technology to protect the environment. The last thing I am sure you have not heard about is how we could use pure Ocean Water to grow massive fish farms, algae, salicornia and a Mangrove forest. General Electric, Boeing and other major international corporations are involved in doing this. The salicornia can be converted into Jet Fuel, biodiesel, animal feed and human food. The fish and shrimp can be used for food as well as their waste stream can be used to grow and fertilize the Salicornia, Sweet Sorghum and a Mangrove forest. The plant life cleans and filters the waste from the fish farms. The Mangroves would cool the Desert and sequester carbon in the soil. I hope these ideas will be issued in your public report. Thank You, Leroy J. Essel, Chatsworth, California 91311. PS: I live approx. 200 miles from the Salton Sea and could smell the "Big Burp" for about a week resulting from the Salton Sea back in 2012.

I live in Chatsworth located in the west end of the San fernando Valley, Los Angeles about 200 miles away from the Salton Sea. Back in 2012 I could smell the "Big Burp" here at my home. This unpleasant event prompted me to see what I could do to help solve this problem from getting worse. In my conclusion if we had a good business plan we could secure private finance to pay for the expense of installing a large one way pipe from the Gulf of California to fill the Salton Sea and the Laguna Salada in Mexico. To pay back this loan the multiple billions of dollars of Lithium and all the industrial chemicals that can be extracted from the geothermal brine including the salt in the Salton Sea which could be sold to service the debt until the load is paid off. The byproduct of this process is inexpensive fresh water available for agriculture, industrial and human consumption. The Salton Sea and the Laguna Salada filled with Ocean water will bring about Real Estate investment in the arena of homes, commercial and industrial buildings. The ocean water can be used to grow algae, food, energy, biomass and two major bird and fish sanctuaries. Ocean Water can be used in the Desert Sand to grow fish and shrimp farms. The waste material from the fish farms can be used to grow Salicornia and a Mangrove Forest. This would provide for jet fuel, biodiesel, biomass, food for humans and farm animals. A 25,000 acre farm would be profitable. This is a direction we could take instead of reducing the size of the Salton Sea or just letting it run dry. The company that can extract industrial chemicals out of the brine and Sea Salt is called Salt of the Earth Energy, LLC Joe Veytia is the Senior VP. This is the company that can extract industrial chemicals out of the waste brine and produce fresh water less than \$650 a acre foot. They can

also design a system to drop out the valuable Lithium from the geothermal brine. Thank you, Leroy J. Essel