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Subject: Seaside Basin

If you have reviewed the Orange County Water District web site, you will note that in spite of the contamination of two of its basins, it is still selling the water to numerous water districts. That is because after the treated water reaches the basins, it leaches for over five years, much like a septic tank, before it arrives at the massive Orange aquifer.

But more importantly, in spite of the contamination, they have no choice, there is no other source of water. The Seaside Basin water goes directly into Cal Am wells, no leaching.

Also, if the Seaside Basin is found to be contaminated, it will contaminate the excess Carmel river water that is stored there.

PWM argues that the two month period in the basin allows for it to test for pathogens, but the problem with that argument, is that the critical tests are not yet available and won't be until adopted in 2023. The only tests that PWM applies are for Indirect potable recycle, but if the basin is contaminated by a few of the thousands of undissolved particles that get thru recycle and treatment, there is no septic test process available.

The Lab currently hire by PWM is not certified to test for the unknown unknown pathogens. The Orange lab is considered one of the best in the country, but even it does not yet have the necessary tests for unknowns because that identification work is in process.

As to recycled agriculture wastewater, there is no precedent, or even basic research that supports it as a source for potable use, It is unfortunate that no govt. agency with expertise in the health safety of the PWM is part of the safety process(like the state Dept.

of Health) and that you then must ask these questions of me, the default guardian of the health safety of the PWM water. Meanwhile, you are besieged by politicians to refute my research. John M. Moore