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Submission: I strongly oppose this application by Solo Water. Firstly, treated effluent is not fit for bathing in, the area proposed for this discharge is bathed in when storm water fills the old creek bed on the southern end of Catherine Hill Bay beach. Once the tides & swell combine with this area, it opens up & flows freely into the ocean. This should be dispersed within, & contained within the Beaches Estate. Other than that, the treated effluent should be disposed of with the solid or sludge discharge which is carted from the site for remediation, at their cost or the residents in the estate. It is ludicrous that there is an expectation that 162,000 litres/day of treated effluent be dispersed onto Catho Beach, let alone an outright disgrace that this is even being considered. This is a problem created by the planners of this development, a problem of their own making. What happens if there is a break down in the treatment process, & "Raw" effluent flows onto the beach. Has there been an environmental impact assessment carried out ? Would the National Parks & Wildlife Services give permission for it to be dumped onto Moonee Beach ? I assume that "no" would be the answer to both of these questions. It has also come to my attention that there is an intention to downgrade the level of sewage processing currently being undertaken within the area being developed, which says to me that this "lower grade" of treated effluent will end up on a pristine beach that in the past has won awards based on it's current undamaged condition. When it comes to my strong objection in this matter, I speak from experience. I saw this happen on Maroubra Beach in the 80's, where myself & the other surfing locals were advised by our Doctor's to have Hepatitis B shots for protection, due to the so called "treated effluent" making it's way on a regular basis from Malabar into Maroubra during southerly wind conditions. Other surfers to this area also strongly object to this proposal involving Catho.