

**From:** j.ecull@comcast.net  
**Sent:** Tuesday, July 07, 2015 11:19 AM  
**To:** MPWSP-EIR  
**Cc:** Lesley Milton; Jason Burnett  
**Subject:** MPWSP DEIR comments from Jane Haines

Andrew -

The Monterey Peninsula Regional Water Authority (MPRWA) Technical Advisory Committee received and discussed the following e-mail from Ms. Jane Haines concerning the longevity of the slant wells for the MPWSP.

We determined that these comments should also be forwarded to the CSUP as public input on the DEIR.

Jim Cullem  
Executive Director  
MPRWA  
831-241-8503

>>> Jane Haines <[janehaines80@gmail.com](mailto:janehaines80@gmail.com)> 7/5/2015 8:16 AM >>>

Dear Regional Water Authority,

I'm concerned by today's Herald editorial because it appears that the studies you commissioned failed to examine the long term efficiency of slant wells.

Please look at page 37 of the 2014 Final Report: Technical Feasibility of Subsurface Intake Designs for the Proposed Poseidon Water Desalination Facility at Huntington Beach, California, a report authored by hydrogeological experts including Martin Feeney and based on a study authored by Dennis Williams. The 2014 Report is at [http://www.coastal.ca.gov/pdf/ISTAP\\_Final\\_Phase1\\_Report\\_10-9-14.pdf](http://www.coastal.ca.gov/pdf/ISTAP_Final_Phase1_Report_10-9-14.pdf) Published only 10 months ago, the Report was prepared under the auspices of the Coastal Commission and Poseidon and rejects slant well technology based on the conclusion that long-term performance of slant well technology has yet to be confirmed, as shown by the 2012 Geoscience study finding that the Dana Point slant well declined from 95% efficiency in 2006 to only 52% efficiency in 2012:

“Only one slant well has been successfully constructed to date, although a major installation to provide 20 MGD of feed water capacity is under consideration in the Monterey Bay area. The successfully completed well is at Dana Point. When it was built and tested in 2006, it was test pumped at 2000 gpm and displayed a well efficiency of 95%. Recent longer term testing of the completed test well in 2012 documents the reduction in well efficiency from the original value of 95% in 2006 to 52% in 2012 (GeoScience 2012). Given this observed reduction in efficiency over a short period, the long-term performance of the technology has yet to be confirmed.” (pg. 37.)

Please read it for yourself on page 37. These facts are not disclosed in the draft EIR.

Sincerely,  
Jane Haines