

## Hingtgen, Robert J

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**From:** Bennett, Jim  
**Sent:** Tuesday, January 27, 2015 2:28 PM  
**To:** Donna Tisdale  
**Cc:** Hingtgen, Robert J; Gungle, Ashley; Fogg, Mindy  
**Subject:** RE: one more Soitec water question

Hi Donna,

For Rugged Solar, if it is assumed there is no fencing at the site, as many as 5,600 fence posts (frequency of one fence post every 10 feet) would be required. This would allow for fencing for the entire facility. Each concrete footing is assumed to be 4 feet deep x 1 foot wide cylinder. This is equivalent to about 651 cubic yards of concrete. This amount of concrete would require about 26,000 gallons of water. This is less than 0.1% of the estimated construction demand water for the Rugged site. The Tierra Del Sol site needs less fencing and the amount of water would be less than that calculated for the Rugged site. In sum, the water demand for fence posts at both sites is negligible when compared to the total concrete demand and construction demand.

Thanks,

Jim Bennett, P.G. #7707, C.Hg.#854  
Groundwater Geologist

### County of San Diego

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**From:** Donna Tisdale [<mailto:tisdale.donna@gmail.com>]  
**Sent:** Monday, January 26, 2015 2:46 PM  
**To:** Bennett, Jim; Hingtgen, Robert J; Gungle, Ashley; Fogg, Mindy  
**Subject:** one more Soitec water question

Hello Jim,

Thank you for gathering and sending the Desert Green Solar project water use information which is very helpful.

I am still trying to finalize my comments to the Board and am requesting additional information for inclusion.

The Project description **Table 1-6 Construction Water Demand by Project** does not disclose if the water needed for drilling holes and for making concrete to set the poles for the 6' chain linked fencing is included or not. [http://www.sandiegocounty.gov/content/dam/sdc/pds/ceqa/Soitec-Documents/Final-EIR-Files/1.0\\_ProjectDescription.pdf](http://www.sandiegocounty.gov/content/dam/sdc/pds/ceqa/Soitec-Documents/Final-EIR-Files/1.0_ProjectDescription.pdf)

It is also not clear how many acres of the Rugged Solar site are already fenced and how many acres still require fencing. Can you or other Staff find that out for me?

A timely response will be appreciated.

Thank you,

Donna  
619-766-4170