

From: [Hofreiter, Larry](#)
To: ["sdickey@dudek.com"](#); [Trey Driscoll](#); ["sjbattelle@geo-logic.com"](#); [Hofreiter, Larry](#); [Bennett, Jim](#)
Cc: ["Patrick BROWN"](#); [Slovick, Mark](#); [Bennett, Jim](#); ["Erin Crouthers"](#)
Subject: 10-30-12 Meeting Notes Re: Groundwater Resources - Rugged Solar, Tule & Rough Acres Ranch
Date: Tuesday, October 30, 2012 5:57:21 PM
Attachments: [3300-12-007-Meeting Record-10-30-12.pdf](#)

All,

Thank you for your time today. Please see the attached meeting notes from today's meeting.

Sincerely,

Larry Hofreiter

Planning and Development Services

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San Diego, CA 92123

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Larry.Hofreiter@sdcounty.ca.gov

Meeting Record

Project Name (Case numbers)	Meeting Chair	Meeting Date
P12-007 Rugged Solar Project	Larry Hofreiter	10/30/2012

Summary of Meeting: The meeting's main purpose was to discuss the well test plan for Rugged Solar at well cluster 6, 6a, 6b and well 8. The Rugged Solar Project, Tule Wind Farm, Rough Acres Ranch Campground and Mine, and potentially other projects have indicated wanting to use these wells for their groundwater use. A static project description and schedule is needed for each of these projects to evaluate potential impacts to groundwater resources and to plan accordingly to the limited groundwater resource available from these sources. These projects will all need to be combined to evaluate cumulative impacts from pumping groundwater for these projects as part of this project's groundwater investigation.

For the aquifer testing to take place, Jim Bennett is requesting a groundwater monitoring well to be drilled to the south of Well 8 to evaluate potential well interference. The distance of the monitoring well from Well 8 should be further discussed with the County before drilling the well. The well would need to be drilled to at least the same depth of the open portion of Well 8. For the well testing at Well 6a and 6b, Well 6 could potentially be utilized as a monitoring well. Jim Bennett is further requesting the consultant evaluate the suitability to utilize Well 6 as a monitoring well during well testing. This would include looking at past well testing data from Tule Wind Farm, the depth to bottom of the well, and any other information regarding the geology/lithology. It was agreed that Wells 6a and 6b should be pumped together for 72 hours during well testing at 150 gallons per minute. Jim Bennett further stated during the meeting that a groundwater monitoring network made up of at least three wells for each of the pumping well sites will likely be necessary prior to this project and other future projects can extract groundwater from these two well sites. A maximum production limit would need to be established with water level thresholds in which pumping would be required to be ceased if water levels dropped below established thresholds. This and any other project would be conditioned with strict monitoring requirements in place prior to groundwater extraction commences. It also discussed at the meeting that additional wells are likely going to be necessary to handle the demand of the projects looking to use water at Rough Acres Ranch, and it may be necessary to identify off-site water uses (Jacumba Community Services District, Live Oak Springs, etc.) that could provide imported water to these projects. It should be clear that the groundwater investigation will continue to be an iterative process since there are multiple projects wanting water from the same source and the sustainability of those resources not yet evaluated.

Action Items:

Action to be taken:	Responsible Party	Due date
1. Combine wells 6a and 6b to be tested at 150 gpm for 72 hours.	Applicant's Hydrogeologists	TBD
2. Drill one monitoring well adjacent to Well 8 prior to well testing.	Applicant's Hydrogeologists	TBD
3. Explore the suitability of well 6 as a monitoring well to be utilized prior to pumping wells 6a and 6b.	Applicant's Hydrogeologists	TBD

Copy of Record provided to all?	Results of meeting summarized?	Signature of meeting chair
Yes <i>(emailed after meeting)</i>	Yes <i>(emailed after meeting)</i>	

Attendance Roster

Name	Phone Number(s)	E-mail
Larry Hofreiter	(858) 694-8846	Larry.Hofreiter@sdcountry.ca.gov
Jim Bennett	(858) 694-3820	Jim.Bennett@sdcountry.ca.gov
Sarah Battelle	(858) 451-1136	sjbattelle@geo-logic.com
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