

From: Bennett, Jim
To: "[Patrick BROWN](#)"
Cc: [Slovick, Mark](#); "[Erin Crouthers](#)"; [Hofreiter, Larry](#); "sdickey@dudek.com"; [Trey Driscoll](#); "sjbattelle@geo-logic.com"; [Beddow, Donna](#); [Grunow, Richard](#); [Sibbet, David](#)
Subject: RE: 10-30-12 Meeting Notes Re: Groundwater Resources - Rugged Solar, Tule & Rough Acres Ranch
Date: Wednesday, October 31, 2012 10:46:00 AM

Good Morning Patrick,

The Tule Wind Farm was approved for 20 acre-feet of total groundwater use (18 gallons per minute) as a one time use over a nine month period. The Rugged Solar project current projected construction water use of 80+ acre-feet (rates of up to 200 gallons per minute at peak construction) is resulting in the Rugged project evaluating what the maximum sustainable yield from this well would be for their use. Additionally, we have a third project, Rough Acres Ranch Campground and Mine (P12-020 and P12-021) that also wants to utilize water from this well at rates of 14 to 24 acre-feet per year for its uses. This is a totally different situation as compared to what we were looking at when Tule Wind came along. With multiple projects now looking at obtaining water from this well the monitoring well is needed. I will be asking for this same monitoring well from the Rough Acres Ranch project so maybe cost sharing could be considered.

I want to make it clear that additional wells may be requested beyond this first phase of aquifer testing given the unprecedented amount of groundwater for multiple projects being requested from the same wells. Additionally, as indicated during our meeting we are going to want a groundwater monitoring network (at least three monitoring wells) surrounding each production well location prior to extraction of groundwater from Well 8 as well as Well 6,6a,6b. Again, cost sharing may be considered with the Rough Acres project.

Thanks,

Jim Bennett, P.G. #7707, CHG#854
Groundwater Geologist

County of San Diego

Planning & Development Services
5510 Overland Avenue, Suite 110, San Diego, CA 92123
Phone: 858-694-3820 Fax: 858-694-3373

From: Patrick BROWN [mailto:Patrick.BROWN@soitec.com]
Sent: Wednesday, October 31, 2012 9:59 AM
To: Bennett, Jim
Cc: [Slovick, Mark](#); [Bennett, Jim](#); '[Erin Crouthers](#)'; [Hofreiter, Larry](#); 'sdickey@dudek.com'; [Trey Driscoll](#); 'sjbattelle@geo-logic.com'
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Jim,

Why is a monitoring well needed now for well 8? It was previously tested out for Tule's project and did not require a monitoring well. All we are doing is putting in a better pump. Please advise

because this more project expense,

pb

From: Hofreiter, Larry [<mailto:Larry.Hofreiter@sdcounty.ca.gov>]
Sent: Tuesday, October 30, 2012 5:57 PM
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

All,

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

Sincerely,

Larry Hofreiter

Planning and Development Services
5510 Overland Ave, 3rd Floor, Room 310,
San Diego, CA 92123
Telephone: (858) 694-8846
Larry.Hofreiter@sdcounty.ca.gov