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Lester, Steve

**From:** Shurte, Jan  
**Sent:** Monday, June 30, 2008 4:47 PM  
**To:** Westra, John; Lester, Steve  
**Subject:** FW: District 63-S Windsock Well 6-30-2008

*SOME irrigation use  
NECESSARY this year*

Just in case you get any calls. They had not been using the warm water to irrigate for quite a few years and during our settlement conferences it has come up that they are doing this to help conserve the geothermal aquifer. They do have a water right to irrigate from this well. Lately the two parties, Terteling and Edwards, have been arguing about setting a monitoring level until Vicky finally set dates that they had to install monitoring equipment on all wells and develop a monitoring level from the results. That was the last meeting – so as Nick says, the plot thickens.

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**From:** Spencer, Nick  
**Sent:** Monday, June 30, 2008 3:08 PM  
**To:** Music, Vicky  
**Cc:** Shurte, Jan  
**Subject:** FW: District 63-S Windsock Well 6-30-2008

The plot thickens.

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**From:** Charlie Honsinger [mailto:ch@ringertlaw.com]  
**Sent:** Monday, June 30, 2008 11:51 AM  
**To:** dana@idahowaterlaw.com; Andy Waldera; Spencer, Nick  
**Cc:** Ed Squires  
**Subject:** FW: District 63-S Windsock Well 6-30-2008

Dana, Andy and Nick: I am forwarding this e-mail from Ed Squires to Ken Neely regarding The Terteling Company Inc.'s use of the Windsock low temperature geothermal well for the irrigation purposes authorized under TTCI's irrigation rights. This is an unfortunate circumstance. On the bright side, because of the monitoring equipment in place, we will be able to monitor use of the geothermal aquifer for irrigation purposes this year, and may be able to discern the impact of such irrigation.

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**From:** Ed Squires [mailto:ed@hydrologicinc.net]  
**Sent:** Monday, June 30, 2008 9:10 AM  
**To:** Neely, Ken  
**Cc:** Andy J. Terteling; Charlie Honsinger; Joe L. Terteling  
**Subject:** District 63-S Windsock Well 6-30-2008

Hydro Logic, Inc.

7/1/2008

1002 W. Franklin St. Boise, ID 83702 (208) 342-8369 Fax: (208) 342-3100 Cell: (208) 631-6781

June 30, 2008

Mr. Ken Neely  
Water Master, District 63-S  
322 E. Front Street  
P.O. Box 83720  
Boise, ID 83720-0098

Dear Ken,

I write to inform you that The Terteling Company will be using its Windsock low-temperature geothermal well for irrigation, to the extent necessary, for an unknown period of time. Here is what is happening:

The cold ground water from the TTCI Champagne Well (main irrigation well for the Terteling Ranch) was observed to be "muddy" on Thursday last. We investigated and found bentonite chips in the discharge; an indication of casing failure. We had the ranch manager stop using the well and we have scheduled for the pumping plant to be removed tomorrow (Tuesday, July 1<sup>st</sup>) after which Hydro Logic, Inc. will camera inspect the well. Unless I miss my guess, this well may be down for some time.

I observed that TTCI commenced using the Motorcycle Cold well for the irrigation immediately but this small well cannot keep up with the water demand as it is only has  $\frac{1}{4}$  the yield of the Champagne well and the hot weather has finally arrived. Unfortunately, TTCI's attempts to drill and complete a back-up cold water well (to the Champagne Well) have been held up by on-going water rights protests by another District 63-S water user with the result, TTCI has no choice but to utilize the Windsock Well at this critical point in the irrigation season.

Hydro Logic, Inc. hydrogeologist Kurt Newby visited the Windsock Well on Friday to obtain a flow-meter totalizer reading prior to the use of the well for irrigation purposes so we may keep track of and separate out the uses in the final tally for the year. The Windsock totalizer reading at 12:40 hours on Friday June 27<sup>th</sup>, 2008 was 25,440,400 gallons (4,580,600 gallons more than our last reading on June 2<sup>nd</sup> of this year). Owing to this year's unseasonably cool and variable spring weather, this well was used also for heating during June. The well pump was off during Kurt's visit with a system (heating) pressure of 77 psi.

As always, we will continue to monitor the use of the Windsock Well under this temporary circumstance and we will also be handling the evaluation and rehabilitation of the Champagne Well for the Terteling family so that we will update you as the situation changes.

Ed Squires

7/1/2008