

Block, Darla

From: Rob Wood [rwood@rex-law.com]
Sent: Monday, June 11, 2012 10:09 AM
To: Block, Darla
Subject: FW: George Katsilometes

Darla,
Here is the email.
Rob

From: Rob Wood [mailto:rwood@rex-law.com]
Sent: Thursday, May 31, 2012 5:23 PM
To: 'darla.block@idwr.id.gov'
Cc: 'George Katsilometes'
Subject: George Katsilometes

Darla,
George has asked us to help him with his compliance with IDWR and proving up his water right. Below is a response he sent me in response to the letter you sent him regarding deficiencies in his proof of beneficial use form. Would you please let us know if this information will suffice, or if we need to provide you with any additional information.
Thanks,

Rob

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I have established 3 permitted low temperature geothermal wells on our property, the Lava Hot Springs Inn. There are two issued Permits to Appropriate Water governing these 3 wells: No. 29-07869 and No. 29-13672; each permit having a diversion rate of 0.50 CFS. This system of 3 wells currently supplies 17 therapy pools and 2 buildings through interconnected underground piping. The water from these 3 wells is utilized for commercial purposes. The Dept. has incorrectly applied permit No. 29-13672 to one well when, in fact, the water from this well is used in combination with the water from the other 2 wells to supply the pools, heat the buildings, etc.. Now, the requirements of each permit are different. I have no objection to supplying the records of water diversion from the well they have identified and do so below.

My response to the 2 conditions listed in the deficiency letter from Darla Block of the Dept. of Water Resources are:

Condition no. 8:
Daily Diversion of Water from Well:
Jan. 1, 2011 90 gpm
Jan. 2, 2011 90 gpm
Jan. 3, 2011 90 gpm
Jan. 4, 2011 90 gpm

Jan. 5, 2011 90 gpm
Jan. 6, 2011 90 gpm
Jan. 7, 2011 90 gpm
Jan. 8, 2011 90 gpm
Jan. 9, 2011 90 gpm

Jan. date, 2011 90 gpm; Feb. date, 2011 90 gpm; March date, 2011 90 gpm; ... this continues daily for all days since the well has been completed and connected to the common underground piping supplying the pools, buildings, etc. at the Lava Hot Springs Inn business. This is a consistent and unvarying beneficial delivery of geothermal water due to the fact that each well is equipped with a 5 hp. Franklin 3 phase motor and 5 hp. Grunphos pump which supply a consistent and unvarying quantity of water 24 hrs/day every day of the year.

We will be increasing the beneficial use of these permits this year with the completion of 9 up-cabanas (cabins), each to be built above a circular pool. These warm mineral pools and geothermally heated cabins are the latest improvements planned for the 'greening' of and enjoyment of visitors to the Lava Hot Springs Inn (>6,000/year).

Condition no. 9:

The water surface level of the well is at ground level (it is a spring at the well head) and the temperature is consistent at 63 degrees C (145 degrees F) daily throughout the year. These daily measurement have not varied since the well was completed and continue to this date.