

Whitney, Rob

From: Price, Fredric [fwprice@blm.gov]
Sent: Wednesday, June 05, 2013 4:17 PM
To: Whitney, Rob
Subject: Fwd: Permit 74-15989

Rob,

Below is an email string concerning the cold creek permit for mixing at Sharkey Hot Springs.

Fred

----- Forwarded message -----

From: Price, Fredric <fwprice@blm.gov>
Date: Fri, May 31, 2013 at 12:24 PM
Subject: Fwd: Permit 74-15989
To: kerrie.mathews@idwr.idaho.gov
Cc: Brandon Anderson <banderson@blm.gov>

Kerrie,

It appears that our Field Office has plumbed both water sources such that the well (74-15989) is the primary source of water and the cold water creek (74-07396) is a backup source should something happen to the well. The desire to keep the creek permit (74-07396) is not based on water supply but more on safety. Conditions concerning combined use would certainly be warranted if IDWR accepts this rationale.

Fred

----- Forwarded message -----

From: Feldhausen, Anthony <afeldhausen@blm.gov>
Date: Fri, May 31, 2013 at 11:40 AM
Subject: Re: Permit 74-15989
To: "Price, Fredric" <fwprice@blm.gov>
Cc: Brandon Anderson <banderson@blm.gov>, Robert Berasi <rberasi@blm.gov>, Elizabeth Townley <etownley@blm.gov>

Fred,

The cold water from the creek (74-07396) is still connected to the system, but is currently flowing from the pipe into the stream, and is separated from the other flows. All that is required to "connect" it is to turn the valve that would allow it to go to the mixing box. The cold water well (74-15989) is our primary cold source now since it provides us much more flow and consistent flow (and no surface water which reduces algae, etc). If the well fails, a relay shuts off the hot water to the pools as well. While we hope to not use the surface flow (74-07396), we do want to maintain the water right as it provides us a backup source should something happen with the well.

Hope this helps. Let me know if you have any further questions.

A. Scott Feldhausen

Supervisory Natural Resource Specialist
BLM - Salmon Field Office
208.756.5478

On Wed, May 29, 2013 at 3:30 PM, Price, Fredric <fwprice@blm.gov> wrote:

----- Forwarded message -----

From: **Price, Fredric** <fwprice@blm.gov>
Date: Wed, May 29, 2013 at 3:16 PM
Subject: Re: Permit 74-15989
To: "Mathews, Kerrie" <Kerrie.Mathews@idwr.idaho.gov>

Kerrie,

Oh that's right! Our Field Office was pursuing two cold water permits (one from surface water and one from groundwater). It is true that BLM depends primarily on the groundwater source (74-15989) to cool that scalding hot water from the surface water sources. I raised the issue of what happens if the power goes out or the pump breaks on the well (74-15989 cool well), then how are we going to cool that scalding hot water in the pools (74-07396 cool creek water). I'll shoot this question off to the Field Office right now and get back to you.

Fred

On Wed, May 29, 2013 at 10:25 AM, Mathews, Kerrie <Kerrie.Mathews@idwr.idaho.gov> wrote:

Good Morning Fred:

I am currently finishing up a water appropriation permit that you and Denise were working on. During the final review I had a question come up that I was hoping you would be able to answer.

When I look at the water rights/permits for this area I came up with several for the BLM: 74-2276 - the main *hot* water right for Sharkey Spring, 74-7394 - also a *hot* water right for springs tributary to warm springs creek, 74-7396 - *cool* water to dilute 2 pools from warm springs creek and the NEW permit 74-15989 for *cool* water to cool the pools from ground water.

The question I have is the existing cool water permit 74-7396 insufficient to cool the pools? Would you please provide a little more clarification?

Thanks,

Kerrie A Mathews

Sr. Water Resource Agent/Stream Channel Specialist

Idaho Department of Water Resources

208.525.7161

"By three methods we may learn wisdom: First, by reflection, which is noblest; Second, by imitation, which is easiest; and third by experience, which is the bitterest."
-Confucius