

Padilla, Cherie

From: Padilla, Cherie
Sent: Tuesday, August 17, 2010 12:29 PM
To: 'dcrane@kmc.org'
Cc: 'jsmetana@roadrunner.com'
Subject: IDWR-Licensure of Water Right 95-9395 and system question

Dan,

I have been assigned to the KMC's file and am attempting to complete the license. The department did perform a field exam less than a month ago where we collected photos of the wells but, we did not obtain a physical measurement on the water system. A maximum system capacity, as designed, is a requirement in order to complete the license for KMC. According to a DEQ report dated 11/9/09, there is a pressure switch on the distribution system. I wondered if I could get the range that the pressure switch is set to as I have a hunch that the switch will be the limiting factor on the system.

As a side note, I contacted Jack Smetana last week regarding the system's capacity where he notified me that it is 310 gpm (if I remember correctly). He said that information was found within DEQ reports. While DEQ reports are certainly helpful, I am unable to base a water right license without knowing the conditions under which the measurements were taken.

Perhaps a few other questions will help me answer the system capacity question:

What head is the system designed for? I'm all over the pump curve and can't seem to get a reasonable rate at a reasonable efficiency.

What capacity is the overall system designed for, for the commercial use?

How do the two pumps work together?

Any information that you can provide to me would be greatly appreciated.

Sincerely,

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