

Edl, Michele

From: Doug Self [pzdriggs@pdt.net]
Sent: Wednesday, September 10, 2008 5:12 PM
To: Edl, Michele
Cc: Jared Gunderson; kmoore@rockymountainenvironmental.com
Subject: Re: City of Driggs comprehensive plan

Michele,
 Thanks for clarifying what you are after. I have inquiries into our Finance Department and consulting water engineer (Sunrise) for historical documents. I'll get back to you on Thursday...

-Doug
 Doug Self
 Planning and Zoning Administrator
 City of Driggs
 PO Box 48, Driggs Idaho 83422
 Ph: (208) 354-2362 Fax: (208) 354-8522
 Web address: www.driggs.govoffice.com

Edl, Michele wrote:

All,
 I have the applications, permits, extensions, permit lapses and reinstatements, proof of beneficial use forms ... and very skimpy Beneficial Use Field Reports for both of these wells. High School well is Permit 22-7790. The Lions Park well is Permit 22-7698. Apparently, when the examinations were conducted, there was a comprehensive study nearing completion that the examiner believed would supply some of the information he did not furnish in his report. The 2002 facility plan by Sunrise Engineering may be the study that the field examiner expected to use as a supplement.

I don't have a copy of that Sunrise Engineering report. I have a copy of "City of Driggs Comprehensive Plan 2007-2020" by an unknown author with the print date 11/08/07. There is no source documentation of the water data in that report so I can't make a license determination based on it.

I need to be able to define **1) well capacity** and **2) volume** that was used when the City of Driggs submitted the Proof of Beneficial Use form for both wells. That means I need information from the late 1990s. Contemporary information is probably not applicable to these permits.

1) well/pump capacity

I have the original well logs showing the original well capacities. I also have some documentation which indicated that the Lions Park well was under-producing at 400gpm and that the City may have taken steps to enhance production from that well. The 2007 comprehensive plan claims the Lions Park well has a capacity of 560gpm but without supporting documents which date the increase in capacity, I can't use that higher rate. No measurements were taken at the time of the confirming field exams and the pump information associated with each well is less than what I need to make a theoretical calculation of the well/pump system capacity.

2) annual volume

I understand that these wells are put online only when the primary source, the springs, are low or when the wells are needed for fire suppression. I also understand that the High School well is the second well to be brought on and the Lions Park well is third in line. Both the field exam reports and Jared Gunderson mentioned totalizers were in place. That is good news. But no totalizer data was submitted with the field exam.

Without a measurement confirming flow and without volume or totalizer records the **Department doesn't have any solid evidence that these wells have ever supplied water to the system.**

So in order to proceed with licensing these permits, I need more information and it has to be of the correct vintage. Does the City have power records that would prove that the pumps were running? Are there any believable totalizer

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record logs?

Are there records of a well casing and/or pump replacement at the Lions Park well?

It is a shame that the information gap was not caught sooner. I recognize that locating the necessary, pertinent information so far after the fact will be difficult but the alternative will be to void the permits.

DEQ may have inspection records which support your historical use and I have made an inquiry to the DEQ Idaho Falls office. I will share anything I receive from them.

Sincerely

Michele Edl

Associate Engineer

Idaho Department of Water Resources

322 East Front Street

Boise ID 83720-0098

208-287-4946

From: Doug Self [mailto:pzdriggs@pdt.net]

Sent: Wednesday, September 10, 2008 11:28 AM

To: Edl, Michele; Jared Gunderson

Cc: kmoore@rockymountainenvironmental.com

Subject: Re: City of Driggs comprehensive plan

Michele -

I have the Well Driller's Reports and copies of Permits to Appropriate Water for both 7698 and 7790. Is that what you need? Let me know and I can scan and email. I am cc'ing our consulting water engineer Jason Linford at Sunrise Engineering. He compiled the 2002 Driggs Culinary Water Facility Plan that the information from the Driggs Comprehensive Plan was drawn from.

Doug Self

Planning and Zoning Administrator

City of Driggs

PO Box 48, Driggs Idaho 83422

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Edl, Michele wrote:

Doug, Kristin,

I have taken a first look at the field exam reports for 22-7698 and 22-7790. Neither report is complete enough to make licensing easy. I have asked for supplemental information from Nate Arave in IDWR's Eastern Region office. And he sent me a PDF copy of the City of Driggs Comprehensive Plan -- 11/8/07. If the water information in that plan is from the right time frame, it could assist me in the licensing process. So I would like to verify the author and information sources. Neither the author nor the data sources are documented on this PDF copy.

Could either of you tell me who compiled the water source information (~ p 68) and when and who did that compiler interview to collect the data and when? I need data from the period just before proof of beneficial use was submitted. For 22-7790 I need information from before May 1, 1998. For 22-7698 I need information before January 1, 1996.

Thanks

Michele Edl

Associate Engineer

IDWR

Boise ID

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