

Padilla, Cherie

From: Padilla, Cherie
Sent: Friday, June 11, 2010 11:13 AM
To: 'Terry Scanlan'
Subject: RE: Flow Monitoring 63-12461 and 63-12470

Hi Terry,

Thanks again for the getting back to me on these licenses. It looks like I will need the 2008 and 2009 data that you mention in your email. I would like to give you a head up that I may have to return the field exam as not complete because of that condition I mentioned in my first email to you, regarding the annual reporting and measuring. It looks like it is something that we absolutely need in order to complete the license. Hopefully the information you provided will work, but again I didn't want to blindside you in case the licenses don't get issued because of noncompliance of the conditions of permit.

Thanks,

Cherie

-----Original Message-----

From: Terry Scanlan [mailto:TScanlan@spfwater.com]
Sent: Monday, June 07, 2010 11:22 AM
To: Padilla, Cherie
Subject: Flow Monitoring 63-12461 and 63-12470

Cherie -

See email below regarding monitoring of flow.

The Growsmart system that the City installed over the winter is capable of electronically monitoring water use for the majority of the places of use under permits 63-12461 and 63-12470. The exception is the 80 acres of wheel lines under 63-12461 in Section 35 where water use must be estimated based on logging run times for the wheel lines.

Given the integrated nature of the irrigation system for the farm (i.e., 12 wells pumping into a common system), there is no other way to effectively track use on specific acres. For example, even if each of the 12 wells were equipped with flow meters, we cannot measure the actual diversion volume to the place of use under these permits unless we installed individual flow meters on each field. Similarly, power meter records for the wells won't work either. Rather than install and read flow meters for each field, I think the City's current method is probably best.

Let me know if you want me to forward data for 2008 and 2009.

Terry

-----Original Message-----

From: Paul Wakagawa [mailto:pwakagawa@cityofboise.org]
Sent: Monday, June 07, 2010 10:37 AM
To: Terry Scanlan
Subject: Re: Hydraulic Loading Rates

Terry,

We do track water use by field, but it is more to check against ET rates. Some irrigation after the fields are harvested (ie to get some late fall moisture) is not included. George provides me weekly estimates and I have them logged into an excel ss.

With the new Growsmart web-based pivot monitoring system (FieldPivot) we installed this year, this data will be tracked electronically and will include all water through the pivots. The wheel-lines will be tracked as in the past.

Will be out of office until next week.... I will send you the 2008 & 2009 files then.
Paul

>>> Terry Scanlan 06/07/10 10:15 AM >>>
Paul -

Following up on my voice-mail message from last week, I was wondering if you track (or estimate) hydraulic loading by field as part of your reuse permit? IDWR is asking about pumping volumes as part of the licensing process for the two water right permits.

Terry M. Scanlan, P.E., P.G.
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