

Nelson, Dan

To: Scott King
Subject: Tluceck Dairy Exam 63-32659

5-22-2014 DAN

Hello Scott,

I wanted to contact you to let you know that I have completed my review of the field exam you did for 63-32659. I did find a couple of issues that I wanted to make you aware of before I license the water right.

- 1.) Land application was not included in the permit, and Transfer Administrative Memo 24 states that if the land is already irrigated under another right or canal company, then land application is not needed. Taking these two issues into account, I changed the commercial use to just the dairy border shown in the stockwater shape you created.
- 2.) We were originally concerned about giving the commercial use more diversion rate than the additional capacity provided by the new well or 0.14 cfs. This was enhanced by the lack of measurements done on the three existing wells after the fourth well was added into the system. However, we decide to allow the diversion rates you recommended in your field exam. We did include a combined rate condition, that is shown below.
- 3.) There were a couple of concerns with the volume calculations. First, you didn't supply any type of narrative or description of how the water was used in the dairy barn, so all we could really trust was the spreadsheet. I personally think it is a little low for this size of dairy, but we agreed to use this volume as long as your client accepts the volume calculated. Second, you didn't describe the office use in the spreadsheet. License 63-11054 allowed up to 0.6 af of water for the office use. I added this onto the total commercial water need, so the commercial volume we are going to allow for the permit is now 4.0 af instead of 3.4 af.

With the diversion rates not really being additive and not matching the increased capacity of the system, we decided to add the following condition:

Rights 63-11054 and 63-32659 when combined shall not exceed a total diversion rate of 0.59 cfs for stockwater, 0.59 cfs for commercial use, and 0.08 cfs for domestic use for a total combined diversion rate of 0.59 cfs.

We didn't include a combined diversion volume, since all of the volume amounts are additive. All we really need from you is to review the things above, and let us if know if you agree or disagree with us. If you do disagree with anything, I will contact you, and we will work through any issues you may have. As soon as I hear back from you, I will submit the permit for licensing. If could let me know within the next 14 days, I would really appreciate. If I don't hear from in the next two weeks, I will move forward with the license with the changes noted above.

Thank you for doing this exam Scott, we appreciate it. Hopefully, we can get this one licensed fairly quickly.

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