

MEMORANDUM

Date: March 30, 2012
To: Water Right File 47-8097
From: medl
Re: license review

Comments

I spoke with David McCollum on the phone March 28, 2012 and today March 30, 2012. The industrial use, fish processing, is not occurring at this time. The facility is closed and is for sale.

I confirmed the POD and POU with him and asked about the cooling use. We also briefly discussed the combination of city water and well water that had been used in the plant. He stated that the facility always used both city water and this well water.

Applicant

The permit was issued to Tunnel Creek, Inc. in 1989. In 1999, Mr. David McCollum submitted a Notice of Change of Water Right Ownership form with attachments which included an IDSOS Certificate of Amendment. The amended business entity name is Silver Creek Farms, Inc.

The address of record for Tunnel Creek, Inc., may no longer be correct or active.

Although the Secretary of State recognized that this was a name change and that the two entities Tunnel Creek Inc and Silver Creek Farms Inc. were in essence the same, the name change was not processed for this permit. I found no record of a receipt attributed to Silver Creek Farms, Inc. for the processing of the ownership changes. An Assignment of Permit would have been the correct form for the purpose of changing the ownership of this permit. I did not find an assignment had been filed. Ownership can be updated after licensing.

According to available Twin Falls County taxlot information, the point-of-diversion and place-of-use are within property owned by Silver Creek Farms, Inc.

Source & POD

The source of water is a cold water well. The examiner found tag A0007846 attached to the well house. According to the well driller's report the water temperature is 63 deg F. In our phone conversation, Mr. McCollum stated that the water temperature was 55-58 deg F.

The well has not been GPS'd and had not been correctly positioned in the well layer of IDWRs database. I confirmed the well location with Mr. McCollum referencing Google Earth imagery. I provided the well log and the well location, to state office groundwater resource personnel. Correlation with the well database is still needed.

I created the POD shape for this right.

Water Use

Cooling Use

Air cooling in the facility would not have been needed on the day of the January exam. The examiner does not photo or describe cooling equipment but recommends cooling use in her field exam report. According to Mr. McCollum some machine water based cooling systems may have been in use at the plant over the years. But the water use through those systems would have been very minimal.

He also stated that at one time there was a heat pump but he believed that it was served by city water not the water from this well and that he is comfortable removing cooling use from this license.

Industrial Use

The examiner visited the site on Wednesday, January 13, 1999, but the facility was not processing fish at the time. The examiner provided several photos, a description of the well water use and took measurements.

In spite of a lack of field verification, I believe that beneficial use of water for industrial use occurred during the development period of this permit. The measurements are consistent with the size of diversion pump found.

Discharge

At the time of the field visit, the spent water from the holding tanks was reused as supplemental irrigation on a neighboring pasture. That field was sold and built upon. The land application of the spent water from this system was discontinued and the discharge became part of the onsite wastewater treatment system.

Rate and Volume

The examiner recommends 0.5 cfs for the rate. This is less somewhat less than her measurements and less than the pump can supply but is the maximum rate authorized by the permit.

Lacking concrete information about the annual volume of water used, the examiner estimated a volume for this license based on calculations of reasonable use. She estimates processing occurred half of the possible business days per year. Mr. McCollum could not recall why the plant was not processing fish on the day of the inspection. I am recommending a volume based on the total number of business days per year (250 days).

0.5 cfs is approximately 225 gpm. The volume calculation is:
 $(225 \text{ gal/min} \times 60 \text{ min/hr} \times 1 \text{ hr/day} \times 250 \text{ days/yr}) / 325,850 \text{ gal/AF} = 10.36 \text{ AF/yr}$

Place of Use

The permit holder confirmed the place of use with me in a phone conversation. I created the POU shape.

Status and Combined use

The place of use is covered by multiple municipal rights held by the City of Twin Falls and irrigation rights held by the Twin Falls Canal Co. but there are no other industrial water rights.
The well is dedicated to the processing facility.

Conditions

The permit conditions have been met.

silver creek farms idaho



My places



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options

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