

Cefalo, James

From: Rob Harris <rharris@holdenlegal.com>
Sent: Monday, July 22, 2024 11:09 PM
To: Cefalo, James
Cc: cannondairy@yahoo.com; Jordan, Blake
Subject: RE: Application for Transfer 89016 (Cannon Shelley Property Ltd Partnership)

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James:

Thanks for your email below. We have reviewed your analysis and are OK with an approval for the 422 AF amount from your analysis. Please proceed to issue the final approval for this transfer.

Thanks,



Robert L. Harris
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From: Cefalo, James <James.Cefalo@idwr.idaho.gov>
Sent: Monday, June 24, 2024 11:55 AM
To: Rob Harris <rharris@holdenlegal.com>
Cc: cannondairy@yahoo.com; Jordan, Blake <Blake.Jordan@idwr.idaho.gov>
Subject: Application for Transfer 89016 (Cannon Shelley Property Ltd Partnership)

Rob,

I am conducting a final review of the Cannon Shelley application and wanted to notify you, prior to approval, that the volumes in the approval will differ from those proposed in the application. For both water rights, the volumes you proposed (based on CIR) are larger than the volume of water physically diverted. I adjusted the volumes down to reflect the diversion data.

For water right 35-13523, using the ET Viewer and the existing water right shape, the 2021 CIR for the full water right was approximately 1,732 acre-feet. Based on diversion records from Water District 120 (WMIS# 200145), the right holder diverted 1,660 acre-feet under water right 35-13523 in 2021. This is the largest annual diversion volume after flow meter installation. Therefore, actual diversion was 95.8% of the estimated CIR. I used the ET Viewer to estimate the CIR for the 48.7 acres proposed to be changed in Application 89016. The CIR for those specific acres was 137.8 acre-feet. $137.8 \text{ af} \times 0.958 = 132 \text{ af}$. This volume (132 af) is sufficient to provide stockwater to more than 9,800 cattle for an entire year. By comparison, the rate being changed (0.63 cfs) is only sufficient to supply stockwater to 2,860 cattle (assuming there is no storage capacity on the system).

For water right 35-7623, using the ET Viewer and the existing water right shape, the 2021 CIR for the full water right was approximately 736 acre-feet. Based on diversion records from Water District 120 (WMIS# 200283), the right holder diverted 624 acre-feet under water right 35-7623 in 2021. This is the largest annual diversion volume after flow meter installation. Therefore, actual diversion was 84.8% of the estimated CIR. I used the ET Viewer to estimate the CIR for the 135 acres proposed to be changed in Application 89016. The CIR for those specific acres was 340.6 acre-feet. $340.6 \times 0.848 = 290 \text{ af}$. This volume (290 af) is sufficient to provide stockwater to more than 21,500 cattle for an entire year. By comparison, the rate being changed (2.70 cfs) is only sufficient to supply stockwater to 12,270 cattle (assuming there is no storage capacity on the system).

In total, you proposed a stockwater volume of 620.8 acre-feet. Based on actual diversion data for the existing irrigation systems, the approval will describe an annual diversion volume of 422 acre-feet for stockwater use. This volume is still sufficient to provide stockwater to more than 30,000 cattle for an entire year. The rights appear to be limited by rate rather than volume.

I am happy to discuss the analysis in greater detail if you would like. Feel free to give me a call. I will move forward with issuing the approval on July 8th.

James

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