

MEMORANDUM

TO: Water Right File 63-34330

FROM: Daniel Nelson – Analyst 3

DATE: June 5, 2020

SUBJECT: Licensing Review of Water Right 63-34330

The field exam for this right was performed by Certified Water Right Examiner Scott King of SPF Water Engineering. Mr. King recommended a diversion rate of 0.35 cfs and an annual volume of 63.9 af. I agree with Mr. King's recommendations. Mr. King also limited the place of use to ponds 1-7, which I also agree with. This permit should be licensed per Mr. King's recommendations.

The place of use will change slightly due to fewer ponds being involved in the final development, than what was shown in the permit record. However, all of the place of use recommended by Mr. King was included in the permit record. Mr. King copied the place of use from the permit, but there are no ponds used under this permit in the NENE or NWNE of Section 17.

History and Overlap:

This permit was filed to allow for a recirculation system for 7 of the 12 ponds developed in this subdivision. A pump diverts water from Pond 6 (the largest pond) up to the beginning of the system to Pond 1, which then flows through Ponds 2-5 and Pond 7 and back into Pond 6. Irrigation water rights 63-182, 63-161CF, 63-216A, and 63-16273 are all run through the pond system to Pond 6. An irrigation system is located at Pond 6 that delivers irrigation water to the subdivision. This same system is used to pump the recirculation water from Pond 6 to Pond 1.

Water right 63-182 also has a component of the water right that authorize the diversion of 0.48 cfs and 56.5 af of water from the Boise River for the consumptive evaporation losses from the ponds. Water right permit 63-33864 authorizes the storage of water for the ponds from shallow ground water. Therefore, this permit does not actually divert any water that has not already been authorized for use under permits 63-182 and 63-33864. This permit should be considered totally non-consumptive, since the consumptive element is currently covered by water right 63-182.

A second permit (63-34329) was filed to authorize diversion of water from a well to provide flow through water for the ponds. At this time this permit has not been developed, and proof of beneficial use is not required to be submitted on 63-34329 until July 1, 2022.

Eagle Water Company and United Water provide the culinary water for this subdivision.

Conditions:

Conditions 01M, X59, and 004 should be carried forward to licensing. The aesthetic and recreation condition should also include water right 63-182, since it provides the consumptive portion of this system. The aesthetic and recreation condition should read as follows:

Aesthetic and recreation use is for flow through water for ponds established under right nos. 63-182 and 63-33864. Right no. 63-34330 does not authorize additional storage use.

Condition X60 should also be added to this permit. It should read as follows:

Place of use is located within Lot 2, Blk. 1; Lot 8, Blk. 2; Lot 7, Blk. 3; and Lot 2 Blk. 4; Mace River Ranch Subdivision Number 1; Lot 42, Blk. 1; Mace River Ranch Subdivision Number 2; Lot 3, Blk. 6; and Lot 22, Blk. 7; Mace River Ranch Subdivision Number 5.

Condition 121 should be changed to condition 103 as is standard. No water district conditions are needed on this permit, because any water associated with these ponds is already being regulated by the watermaster. This permit doesn't use any water that isn't already appropriated by other rights.