

MEMORANDUM

Date: April 15, 2008
To: Water Right File 47-7566
From: Aaron Marshall
Re: Licensing Review

The beneficial use field report was completed for permit no. 47-7566 in 1998. A preliminary field exam of this permit was conducted in 1980 but the field report was not completed. The first examiner reported a maximum diversion rate of 0.13 cfs, however, details of the measurement are limited and the measurement method is questionable. The examiner that completed the field report and beneficial use evaluation in 1998 measured a maximum diversion rate of 0.08 cfs. This will be the maximum diversion rate listed on the license for this right.

The use of water for fish propagation under this right was found to be minimally developed during the 1980 examination. The actual use of water at the time was for four small fish tanks totaling 18 cubic feet using a maximum rate of 0.01 cfs. The use was more consistent with water being used for aesthetic purposes. During the 1998 field exam, water was no longer being used for fish propagation or similar aesthetic purposes and therefore, is not included on the license.

The use of water for fish propagation was permitted at a rate of 0.14 cfs. Since this use will not be licensed, some flexibility is available with flow rates for other uses. Use of water for domestic purposes under this right is for in-house use only and should be licensed at a rate of 0.02 cfs as permitted. Use of water for heating of one home under this right should be licensed at a rate of 0.06 cfs as determined by the field examiner. Use of water for irrigation purposes under this right for 1.0 acre should be licensed at a rate of 0.03 cfs as recommended by the examiner and based on Application Processing Memorandum 17. Use of water for recreation purposes under this right is for a swimming pool and should be licensed at a rate of 0.08 cfs as recommended by the examiner. The maximum diversion rate of all uses when combined is limited to 0.08 cfs.

A licensing amendment will be necessary for a change in nature of use for portions of the flow rates taken from the fish propagation use and applied to heating and irrigation.

The diversion volume authorized by this right will be limited by the flow rate. Since all uses can and appear to be used in combination year round at the maximum diversion rate, 0.08 cfs, this right should be limited to 57.9 acre-feet per year.