

MEMORANDUM

Date: March 06, 2012
To: Water Right File 47-7931
From: cpalmer
Re: Licensing Memo

PD: This right diverts from one well. The well was measured to have a maximum capacity of 0.07 cfs.

POU: The place of use consists of the lawn and pasture around the house. The domestic component of this right is for in-house use only.

OVERLAP: Decreed domestic right 47-10054 shares a PD and POU. A condition has been added to this license to acknowledge that they divert from the same PD and that they are combined to include 1 home. *Note that the domestic use was retained despite 47-10054 is for the same use because this right has seniority.*

Note that, as of the field exam, the right holders owned 3 shares in surface water. Since no surface conditions were on the permit, the license will not be limited to using surface water first.

RATE: The diversion rate for the irrigation component of this right is calculated using the standard of 0.03 cfs/acre, but is limited by the capacity of the PD.

$0.03 \text{ cfs} \times 4.3 \text{ acres} = 0.13 \text{ cfs}$

Capacity of well = 0.07 cfs

The diversion rate for domestic will remain 0.04 cfs and the overall maximum diversion rate will be limited to 0.07 cfs.

VOLUME : Standard volume of 0.6 af will apply to the domestic portion of the right and the standard of 4 af/acre will apply to the irrigation portion. The two volumes will be additive.