

Memorandum

Date: December 7, 2011

To: Cherie Palmer

From: Craig Saxton

Re: Supplemental review memo for 74-15047

Diversion Volume:

Right 74-7214 was permitted for 469 cattle. Permit 74-15047 authorizes stockwater use for 468 cattle. I think it is safe to assume that 74-7214 and 74-15047 are for the same cattle.

$$469 \text{ cattle} * 12 \text{ gpd/head} * 365 = 6.3 \text{ AFA.}$$

Water right 74-7214 authorizes 2.6 AF for stockwater purposes. Recommend diversion volume for 74-15047 as:

$$6.3 \text{ AF} - 2.6 \text{ AF} = \mathbf{3.7 \text{ AF}}$$

Diversion Rate Combine Use Limit:

I think we want to limit diversion rate from 74-7214, 74-11994, and 74-15047 to 0.06 cfs.