

MEMORANDUM

TO: File 45-02448 *CS*
FROM: Pam Skaggs/State Office
SUBJECT: Transfer 5302
DATE: May 20, 1999

Transfer 5302 changes and adds points of diversion, changes the place, nature and season of use under one portion of Right 45-02448 identified as Part B, and changes the place of use under the remaining irrigation portion of the right to reflect historical use identified as Part A.

Review of Right 45-02448 found that the historical place of use as identified by both the SRBA claim of this right and this transfer application has changed since the license was issued. Instead of being part of a combined larger place of use that included the "north farm", the "north" and "south" farms have been irrigated from separate wells and act as independent systems. Part A of this right reflects the remaining irrigated acres after the transfer ($172 - 22 = 150$ acres) of the "south" farm as currently irrigated; no physical change will occur.

Right 45-02448 is also a supplemental groundwater right and records of annual use were requested and evaluated by region staff. The application was prepared under the premise that 594.3 af ($1.40 \text{ cfs} \times 214 \text{ days} \times 1.9835 = 594.3 \text{ afa}$) was the maximum annual volume available under this right. The number of acres removed from irrigation was determined by the amount of water required for the new stockwater use under Part B.

The region manager recommended instead that 311.0 af , the highest recorded annual volume, be the limit of the recognized use under this right to avoid expansion. The rate of diversion identified under Part B is directly associated with the 22 acres, however, due to the recommendation of the historical annual volume, a disproportionate split of the volume has been identified. The balance of the volume ($311.0 - 72.8 = 238.2 \text{ afa}$) has been identified as the limit of water available under Part A for the remaining irrigation use.

The stockwater will be diverted from four (4) existing wells that were originally developed as domestic wells. The groundwater section should be informed that the wells are proposed for this new stockwater use and that upgrade fees should be pursued when the transfer is approved.

Season of use was adjusted to reflect current standards. Recommended conditions include drilling permit requirements, multiple points of diversion limits, measuring devices, future annual reporting, supplemental groundwater use, irrigation overlap, maintaining surface water and standard transfer conditions.

(See attached Change in Nature of Use Evaluation.)

Pam Skaggs
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Change in Nature of Use Evaluation

	<u>Rate</u>	<u>Use</u>	<u>Acres</u>	<u>Div. Vol./C.U. Vol*</u>
45-02448				
As Licensed:	1.40 cfs	IRR	260.0 acres	(594.3. af)/ 594.3 af
As Claimed:	1.40 "	IRR	180.0 "	(594.3 ")/ 540.0 "
Per Transfer:	1.40 cfs	IRR	172.0 acres	(311.0 af)/ 311.0 af

After Transfer 5302

Part A:	1.23 cfs	IRR	150.0 acres	238.2 af / 238.2 af
Part B:	<u>0.17 cfs</u>	<u>STOCK</u>	<u>(22.0 acres)</u>	<u>72.8 af / 72.8 af</u>
	1.40 cfs	IRR/STOCK	150.0 acres	311.0 af / 311.0 af

*Maximum consumptive use volumes identified & stockwater use evaluated by region staff at 100% consumptive use as in dairies.