

MEMORANDUM

Date: December 19, 2007
To: Water Right File 78-7175
From: Aaron Marshall
Re: License Processing

OWNERSHIP

Water right permit no. 78-7175 was issued to Marie A. Evans. A change of ownership was filed in the Adjudication Bureau to convey the water right claim to Kenneth R. Purdom II. Based on taxlot information provided by Adams County, the property appurtenant to water right no. 78-7175 is owned by Kenneth R. Purdom II. However, an assignment of permit is required to convey ownership of the water right permit along with a \$50.00 fee. Since the assignment has not been submitted with the necessary fee, the water right license will be issued in the name of Marie A. Evans.

SOURCE

Two ground water wells provide water for this right and are located in the same 40-acre tract as determined from the beneficial use field report, satellite imagery, and GIS.

PLACE OF USE

The place of use for irrigation under this right was determined using the beneficial use field report, satellite imagery, and GIS. This place of use overlaps all or portions of water right nos. 78-4028A, 78-4028B, 78-4028C, 78-4029, and 78-4097. These rights are all from surface water sources and were recently decreed in the SRBA. Water right no. 78-7175 provides supplemental ground water for irrigation of land already covered under these rights.

DIVERSION RATE

The total flow rate measured by the field examiner from the two wells was 0.13 cfs. As recommended by the field examiner, domestic use under this right will be limited to 0.02 cfs and stockwater use will be limited to 0.05 cfs. Irrigation use and all uses when combined will be limited to a total of 0.13 cfs.

DIVERSION VOLUME

Domestic use will be limited to 0.6 acre-feet per year for internal use and will not include irrigation. Stockwater use will be limited to 2.7 acre-feet per year based on 200 range cattle and 12 gallons per day per head. Irrigation will be limited, when combined with overlapping rights, to the standard field headgate requirement for the area (3.0 afa) multiplied by the number of acres authorized under this right (41.3) for a total of 123.9 acre-feet per year.