

A25-12346 Summary 10/1/03

- 1) Ownership: correct
- 2) POO & POU: correct. Only, church building and small landscape beds are supplied by this WR. Most of what was sketched by Dutrepié is parking lot. Area marked w/ a pencilled "x" by me on Dutrepié sketch is watered from overlap discussed below. POO GPS 659, 588 E 280, 408 N waypoint 12346.
- 3) Overlap. In about 2001 or 2002 the 1977 well was found to have water quality concerns & was replaced w/ current well. The old well is now used to irrigate a 3-acre ball park (marked w/ "x" on layout). Church Rep. Mark Dukret (Dupret?) believes a formal transfer was filed - he says they had the assistance of an attorney named - ~~no transfer~~ Grover from Rigby. - using well as a recovery well for canal water - see attached letter from attorney - Kim
- 4) Priority. Per July 11, 2003 letter from Eldon Ward, oldest possible priority seems to be after 1934. Eldon Ward's marriage in 1942, where he recalls running water in the

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kitchen is the latest reasonable date for priority. Based on the recollection of "travelling via the tunnel to the well pit... between 1936-40" I propose priority 12/31/1940.

5) Water use. Currently 3 wards meet in the building. Claim indicates 2 wards. It is likely that the claimed use represents a typical historical level of usage. The building size at the time of the claim was the same as the documented 1953/1954 remodel per Mark Dupree. This fits my own memory; my Grand mother attended that ward in the 1970's & it matched the 1953/54 photos.

Per Mark Dupree, currently building has approx. 22 fixtures. Per Field Exam Handbook, 22 fixtures $\times$ 1 gallon/min = 22 GPM = 0.05 gfs. Claimed rate 0.04 is not unreasonable. I propose 0.04 + irrigation as justified by GIS of lawns around building.

Mark Dupree will call w/ current attendance, I will calculate current & approx estimate of historical vol. requirements. I don't

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know which ought to be basis for recommendation.

Historical estimate:

2 wards x 400 attendance = 800 people for 3 hrs each week $\approx$ 400 people for 6 hrs.

Use Field Examiner's Handbook guideline 15 gallons/person/day for "schools, day without cafeteria, gym or showers."

$$400 \times 15 \times 52 = 312,000 \text{ gallons}$$

Assume twice a month some gathering for funeral, wedding, party, etc, 300 people for 3 hrs $\approx$ 150 people for 6 hrs

$$150 \times 15 \times 12 \times 2 = 54,000 \text{ gallons}$$

$$312,000 + 54,000 = 368,000 \approx 1.12 \text{ acre feet.}$$

Current estimate: (10/3/03)

Mr. Dupree called 10/2/03, each ward averages 200 people for 3 hrs. This is a total of 9 hrs or equivalent to 300 people for 6 hrs.

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Using field examiner's hand book

$$300 \times 15 \times 52 = 234,000$$

Adding the incidental use from historical estimate:

$$\frac{234,000 + 54,000}{325,850} = 0.9 \text{ acre feet}$$

Alternate De Minimum Calculation:

The de minimus non-household domestic limitation is 2,500 gallons per day

$$\frac{2,500 \times 365}{325,850} = 2.8 \text{ acre feet}$$

I propose you get some guidance on the appropriate volume for in-building use, and add the appropriate volume for the landscape irrigation indicated by GIS.

Water Resources
Field Services
208 663 4667

Dore A. Contor
10/3/03

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BLAIR GROVER

R. JAMES ARCHIBALD

April 24, 2002

Ron Carlson
Idaho Department of Water Resources
900 N. Skyline Dr., Suite A
Idaho Falls, ID 83402

Re: Cole & Burgess/Randall Canal
Coltman LDS Ward

Dear Mr. Carlson:

The undersigned represents the Burgess Canal and the Coltman LDS Ward in connection with a plan for recovering ground water.

The Coltman building is located on the Lewisville Highway next to Hud's Market. It currently has a License for a Domestic Well for Potable Water which it also uses to irrigate the lawn around the building. It wants to transfer that domestic right to a new well to supply potable water and irrigate the lawn.

The Coltman Ward also owns one share of water in the Burgess Canal used to irrigate a ball and recreation field. The water is delivered from the Burgess into the Randall Canal and diverted from the Randall Canal into a common ditch. It is approximately one-half (1/2) mile from the Randall diversion to the Coltman Ward, and about one-quarter (1/4) mile past the last user on the ditch to the ward. It is difficult to get the water through the rocky soil to the ward. Therefore, pursuant to Idaho Code § 42-228, this letter is a request to allow the Coltman Ward to use the existing well to recover irrigation water to irrigate approximately 2 1/2 to 3 acres. It will no longer divert its one share (10 inches) of Burgess water. Use of the well will be much more efficient, conserve water, and recover Burgess water.

Ron Carlson
April 24, 2002
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As you know, Lloyd Hicks is the president of the Burgess Canal and if you want confirmation, you may call him at 745-1486.

Sincerely,

GROVER & ARCHIBALD

BLAIR GROVER

BG:jn
cc:client