Water Resources . .eld Services
1571 N. 1100 E.
Terreton, ID 83450
208-~~XXX-XXXX~~ 681-9100

MEMORANDUM

To: Claim File A22-07437
Fr: Bryce Contor BC
Date: 8/28/2004

Re: Field Exam, New Claim

On August 27, 2004 I did a field exam of A22-04114 accompanied by John Jagaelski of the LDS church. It appeared that there was additional water use beyond that claimed in A22-04114 and probably developed more recently than A22-04114. An internet search suggests that there is no claim for license 22-07437, which appears to cover the additional water use I found. Because the internet search has proven unreliable in the past, I called Sharon at the Facilities Management office (356-7180) and suggested that she contact IDWR to see if a claim has been filed, and to file one if it hasn't. This memo summarizes the field exam I did.

Contact Log: Please see paper file A22-04114 for record of contact and contact information.

GPS Data: Site tag number is E0008338, banded to the well casing with the band covering the number. Mr. Jagaelski removed the band so we could see the number. Likely this was placed by the health dept. or DEQ. The GPS waypoint at the POD is waypoint 68, coordinates 2,672,446 E 1,401,892 N IDTM83. The waypoint was taken outside the well house about three feet north of the well.

POD and Source: The source is ground water, POD is at 6N 39E 34 SWSWSW. The POD is shared with A22-04114.

POU: GPS waypoint 69*, coordinates 2,672,456 East 1,401,977 North IDTM83 marks the northeast corner of the place of use. The west edge of the place of use is aligned with the well at waypoint 68 described above. This should guide making the GIS polygon. The license is for 3 acres, which looks about right.

Water Use: Irrigation of a recreational field and ball diamond. Rate, volume and season per license.

* Satellite conditions were poor. Looking at GIS I think waypoint is too far to the NE. BC 8/28/04

Photos:



Well



Well house



Place of use, looking southeast towards point of diversion.

10-20-05

Received amended claim which includes irrigation of lawn + flower beds.

For domestic, not recommending quantity claimed.

According to field examiner, weekly attendance @ the building is ≈ 1200 people and 28 fixtures

28 fixtures @ 1 gpm/fixture, min. 20 gpm

Dom.

cfs: $\frac{28 \text{ gpm}}{448.83} = .062$ cfs

Vol.: $1200 \text{ people} \times \frac{5 \text{ gal}}{\text{wk}} \times \frac{52 \text{ wk}}{\text{yr.}} \times \frac{1 \text{ ac.}}{325{,}850} = 0.96$ afa

Irrigation — recommend at 0.02 cfs/ac. and 3.5 AFA for 0.34 ac.

KM