

MEMORANDUM

Date: September 09, 2009
To: Water Right File 36-8538
From: Sandy Hemenway
Re: Recommendations for Licensing

On 4/13/1990, the Permit was submitted, and then approved on 8/13/1990; The proof of Beneficial Use was submitted on 10/20/1992 (\$100 fee for 0.21 – 1.00 cfs and 21 – 100.0 AF). The Permit was for "Stockwater use for 700 dairy and 800 range cattle, and Commercial use for a dairy barn." The Priority Date was changed to 6/1/1990, due to the Proof of Beneficial Use being submitted after the due date.

On 8/12/2009 a Beneficial Use Field Exam was conducted, confirming the maximum capacity of the system as 0.27 cfs. WMIS Calculations submitted by Cindy Yenter (Water Master, District 130) confirmed the current volumes with 1850 head as 110.17 AF. Using these measurements, the recommendations were calculated at 700 head dairy @ 35gpd, and 800 head range cattle @ 12 gpd, being Stockwater 0.27 cfs and 68.7 AF, Commercial 0.27 cfs and 68.7 AF. Total 0.27 cfs and 68.7 AF (non-additive rates/volumes). Actual calculations are shown on the 8/12/2009 Beneficial Use Field Report. **Calculations for the License were conducted on the basis of both the Permit and Proof of Beneficial Use stating the number of head being 700 head dairy, and 800 head range cattle.**

8/31/2009 Wayne Hawkins (original owner) at (208) 280-4382/324-5660 was contacted. His address is 302 S. 230 W., Jerome, ID 83338. He confirmed information about the 2 wells (well logs for the Main Well/West Well A0004660, and Auxiliary Well/East Well A0004661), pump size (each are StaRite 7.5 Hp submersible), pumps are set at 173 ft; size of discharge pipe (3 inch reducing to 2 inch, then combined flow through a DanFoss totalizer flowmeter---company changed the name to Sitrans Flowmeter per Dennis Rainey, representative of Branom Instrument Co). Wayne faxed a copy of the set-up for the facility, barns, and lagoon. He also stated that the house to the south is on the same well, but is owned by someone else now. He stated that the lagoon has a manure separator with a floating pump, and the effluent is pumped through the 70-acre pivot for 2 - 3 days per year (through a land application permit). All irrigation is conducted through the same 70-acre pivot, but the source of water is through Twin Falls North Side Land & Water Co/Northside Canal Co (shares). **Since the effluent is a by-product of the lagoons and only discharged 2 – 3 days per year to T8S R16E Section 28 NENW and NWNE, for land application purposes and not for irrigation purposes, those quarters are not included in the POU.**