

NOTES

By: Mathew Weaver

Date: March 19, 2008

Subject: Conference Call with Shelley Keen, myself, & David Reel President [(435) 863-8430] of the Samaria Water & Irrigation Company (SWIC) Regarding Permit Application 15-07285

- Total flows of the combined springs on average are 14" (depth) of water over a constricted, possibly known, cross-sectional area of the channel. We would need to know channel geometry to convert this to a flow rate.
- Samaria Water & Irrigation Company fully uses all of the spring flows.
- The Warm Springs are made up of a series of springs that flow into a dammed pond all of which resides on private property owned by Jenkins.
- No formal or scientific investigation or evaluation has ever been carried out regarding the Warm Springs and their source.
- There is seasonal and annual fluctuation in spring flow rates in association with the snowpack and spring runoff.
- Outside of "normal" spring fluctuations the SWIC is witnessing a continual depletion of Warm Springs, historically they have estimated flows at 400-500 miner-inches but in modern times flows have decreased to 200-300 miner-inches.
- Water has run short (out of water in late August) for the recent past (5-7 years)
- Jenkins & Seamons have both installed wells in the last year, immediately adjacent to the springs that are free flowing at the surface. We checked the well drilling records and the wells are all accounted for in the data-base.
- Five out of the seven board members of the SWIC voted to protest the Seamons water permit application.
- SWIC will support and assist in efforts to measure springs flows in conjunction with the pump test that may possibly end up conditioning 15-07285. Their Water Master would be the main point of contact for the coordination efforts.
- Currently they do not have a Water Master appointed for this year but that should happen in the next week or two, at which time they will notify IDWR with contact information.
- They have a low head dam (<10') and even though it is not required Dave would like the IDWR Dam Inspector to come out and inspect the Dam with him.