

**MOAB CITY
WATER CONSERVATION AND DROUGHT MANAGEMENT
ADVISORY BOARD SPECIAL MEETING MINUTES -- DRAFT
OCTOBER 2, 2019**

Regular Meeting & Attendance: The Moab City Water Conservation and Drought Management Advisory Board held a Special Meeting on the above date in the City Council Chambers at the Moab City Center, located at 217 East Center Street, Moab, Utah. An audio recording of the meeting is archived at www.utah.gov/pmn/index.html. A video recording is archived at:

https://www.youtube.com/watch?v=tb0Z08qw2_w

Call to Order: Board Chair Kara Dohrenwend called the meeting to order at 2:35 PM. In attendance were Board Chair Kara Dohrenwend and Board Members Kyle Bailey, Arne Hultquist, Mike Duncan and Denver Perkins. Staff in attendance were City Engineer, Chuck Williams, Assistant Engineer Eric Johanson, Assistant Engineer Mark Jolissaint and Deputy Recorder Joey Allred.

REVIEW KEN KOMLS REPORT, AND QUESTIONS THAT BOARD MEMBERS HAVE ABOUT HOW IT RELATES TO THE USGS REPORT:

Ken Kolm and Paul van der Heijde called in and asked to go over the summary of important points written by Board member Hultquist. Board Chair Dohrenwend decided to address Board member Duncan's remarks first. There was extensive discussion regarding how Kolm's report differed from the USGS report. Duncan felt like Kolm was throwing away good data and not taking advantage of the fact that the surface water has to balance year in and year out. Van der Heijde said that the base flow focused off of the measurements by Blanchard. The base flow comes from the groundwater contribution to the surface runoff. There is a continuous flow from groundwater to surface water.

Board member Hultquist addressed Kolm and van der Heijde regarding a groundwater/surface water model and how their report differs from the USGS report. Extensive discussion followed. Kolm had done a model in 1991. The models today have the chemistry needed to determine that there other things going on.

Hultquist displayed a power point presentation showing three different flow paths. They are the Pack Creek, Glen Canyon Group and Mill Creek. He said that Kolm had come up with a conceptual model and said that, "there was water in Mill Creek that was directly recharging the Glen Canyon Group at the lower end below 7000 feet. I told you that I disagreed with you, unequivocally. I said the reason why is that isotopes that were associated with the Glen Canyon Group were different than those in Mill Creek. At that time, you said, 'well that's a draft report and I'll wait till it comes out final.' It has come out final. Extensive discussion followed with comparisons of the Kolm and USGS conceptual models." Hultquist wants a peer review of the Kolm report.

Dohrenwend said that what she was seeing was two differing opinions and the Board was being told, "well just trust us," and we need more data. Dohrenwend also wants a peer review of the Kolm report.

Adjournment: Board member Baily moved to adjourn at 4:10 p.m.

DRAFT