

CITY OF MOAB
WATER CONSERVATION AND DROUGHT MANAGEMENT ADVISORY BOARD
REGULAR MEETING MINUTES
JUNE 12, 2019

Call to Order: Board Chair Kara Dohrenwend called the meeting to order at 2:01 PM in the City Council Chambers located at 217 East Center Street in Moab. In attendance were Water Board members Arne Hultquist, Mike Duncan, Kara Dohrenwend and Denver Perkins. Also in attendance were City Councilmember Kalen Jones, City Planner Nora Shepard, Assistant City Engineer Mark Jolissaint, City Engineer Chuck Williams, Sustainability Director Rosemarie Russo, Records/Project Specialist Eve Tallman and one member of the public. An audio recording of the meeting is archived at: <https://www.utah.gov/pmn/index.html>.

Approval of Minutes: Hultquist moved to approve the Water Board Minutes of May 8, 2019. Perkins seconded the motion. The motion passed 4-0 with Boardmembers Perkins, Duncan, Dohrenwend and Hultquist voting aye.

Citizens to be Heard: There were no citizens to be heard.

Debrief of Utah Water Conservation Forum WaterCon

Councilmember Jones reported on the water conservation conference he attended and discussed the State's municipal goals for 2030 as well as 2040 and 2065 projections. He stated Grand County is in a region consisting of Grand, San Juan, Emery and Carbon counties and noted a 19 percent conservation goal for 2030 using a 2015 baseline. He suggested boardmembers could find out more information at water.utah.gov/waterwise.

Water Budget and Development Implications Recommendation—Approved

Discussion: City Engineer Williams discussed the recent document from the Hydrologic Systems Analysis, LLC (HSA—Ken Kolm and Paul van der Heijde) that provided responses to Water Advisory Board concerns with the Hydrologic and Environmental System Analysis (HESA) Phase 1 Report. He stated further comments could be forwarded to him on the Phase 1 or 2 reports. Discussion ensued regarding the Mayor's request for statistics that could inform the Future Land Use Plan and other future policy recommendations. Referencing the Kolm report and the Hanson Allen and Luce (HAL) culinary water master plan, ranges of water supply figures and projected need were mentioned. HAL predicted a Moab population of 8,710 in 2060, representing one percent growth and requiring 5,662 Equivalent Residential Units (ERCs). Williams stated that the analysis conducted by the engineering staff determined the HAL numbers were reliable. Discussion continued regarding the range of available water—9,172 Acre Feet (AF) to 11,050 AF and when accounting for a 20 percent April snowpack due to climate change, a range of 7,337 AF to 9,126 AF; these figures include surface flow in Mill Creek. It was pointed out that these figures include surface water that would need to be treated at significant expense. Williams was asked about competition with Grand Water and Sewer Services Agency (GWSSA) and San Juan County and he indicated this question is key. Hultquist brought up that more storage tanks for the City were needed. He added that if the Kolm and HAL reports included only groundwater from the Glen Canyon Aquifer (GCA) there would be far less groundwater than reported. Production potential from current wells was discussed as a matter to be definitively determined.

The discussion turned to the current overnight accommodation moratorium with Planner Shepard. She summarized progress including overlays for existing structures and legalizing existing rental units. She clarified that the direction indicated by Council would be for no additional new units in the short term and higher standards for future development and

redevelopment. The percentage of water used by overnight accommodations including vested units was requested. The question was raised whether growth could be limited based on water supply limitations. Hultquist suggested the Water Board could help draft ordinances for water conservation in general. The Board discussed the water quantity available, which according to the City Engineer was not easily accessible. Perkins suggested the City should protect its water from encroaching uses by San Juan County. Duncan concurred that there is a cost differential between easy-to-access water versus tough water to access. Hultquist acknowledged the science was imperfect. Tallman brought up buildout numbers including overnight accommodations. Dohrenwend offered to summarize the meeting's discussion in a memo, and if Boardmembers agreed, she would pass it on to City leadership. Duncan brought up the timeline regarding the moratorium. Jeff Adams, a member of the audience, pointed out the Kolm water budget had no range of available water and was stated as 9,000 AF.

Motion and Vote: Hultquist moved to approve a motion to direct the Chair to draft a memo to Mayor and Council and senior staff regarding the Board's response to the HSA Phase 2 report and available water supply. Perkins seconded the motion. The motion carried 4-0 aye, with Duncan, Dohrenwend, Perkins and Hultquist voting aye. It was agreed the memo would include an offer to meet with make a presentation to Council.

Moab Water Facts—Approved

Motion and Vote: Corrections and revisions were offered with a call for final edits so the document could be prepared to send with the Board's memo to Council. Hultquist moved to approve the Moab Water Facts June 2019 revision. Perkins seconded the motion. The motion carried 4-0 aye, with Duncan, Dohrenwend, Perkins and Hultquist voting aye.

Vulnerability, Consequences and Adaptive Planning Study (VCAPS):

Russo indicated she had requested funding from the Travel Council. Duncan noted GWSSA had requested funding from Grand County.

Future Agenda Items: Further discussion of water supply, Kolm review, Council memo, watering campaign.

Adjournment: Hultquist moved to adjourn. Perkins seconded the motion. By unanimous vote, the meeting was adjourned at 4:06 PM.