

**MOAB CITY
WATER CONSERVATION AND DROUGHT MANAGEMENT
ADVISORY BOARD REGULAR MEETING MINUTES -- DRAFT
SEPTEMBER 11, 2019**

Regular Meeting & Attendance: The Moab City Water Conservation and Drought Management Advisory Board held a Regular 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=i9bM2eNWYkY&t=1614s>.

Call to Order: Board Chair Kara Dohrenwend called the meeting to order at 2:02 PM. In attendance were Board Chair Kara Dohrenwend and Board Members Kyle Bailey, Arne Hultquist, Jeremy Lynch, John Gould, Denver Perkins and Mike Duncan. Staff in attendance were Sustainability Director Rosemarie Russo, Assistant Engineer Eric Johanson and Deputy Recorder Joey Allred. Two members of the public and media were present.

Approval of the August 14, 2019 Meeting Minutes: Board Member Duncan moved to approve the minutes with corrections. Board Member Gould seconded the motion. Board member Hultquist asked if the minutes could have more detail in the future, and Allred said that she would do that. The motion passed 7-0 with Board Members Dohrenwend, Bailey, Hultquist, Lynch, Gould, Perkins and Duncan voting aye.

Citizens to be Heard: Bill Agee has recently moved to the area. His education is in Geosciences Studies and he has 30 years of practical experience with environmental challenges. He offered to help with any technical questions regarding hydrology that the Board might have.

Board and Staff Reports:

Overnight Accommodation Water Use:

Rosemarie mentioned that as new Overnight Accommodations regulations are being drafted, it would be time critical to provide water conservation recommendations. The Sustainability Office has forwarded the following recommendations to the City Planning Department and Grand County:

- Amend commercial building codes to require buildings greater than 5,000 square feet to install gray water systems and require all buildings have WaterSense fixtures and rain catchment systems.
- Incentivize rain catchments as dual storm water management and non-potable supply for irrigation for residential structures.
- Review and amend water conservation regulations to achieve consistency among the City, Grand County, and San Juan County
- Require sediment traps, bio-retention buffers/swales, and pervious pavement to slow runoff in new developments.
- Pursue grants or consider setting aside storm water management fees to fund landscaping incentives equaling \$45,000 for residents and \$5,000 for commercial customers to slow the flow and reduce erosion (i.e., terracing, ponds, gravel pits).

- Increase education and availability of mulch.

Sustainability Director Russo reported that in regard to the housing segment of the tourist industry, hotels use 1/3 of the water in that category and overnight rentals account for 2/3.

Board Member Gould needed to leave the meeting early and it was suggested that the agenda be adjusted to make sure that he could be present for the items that required possible actions. Board Member Bailey moved to adjust the agenda. Board Member Hultquist seconded the motion. The motion passed 7-0 with Board Members Dohrenwend, Bailey, Hultquist, Lynch, Gould, Perkins and Duncan voting aye.

Other Business

VCAP Update And Recommendations On Avoiding Groundwater Depletion. Specifically: Use Of Moab City Springs Winter Overflow By Grand Water And Sewer Service Agency

Discussion: Johanson asked Grand Water and Sewer Service Agency Manager Dana Van Horn to join him for this discussion item. Johanson and Van Horn discussed how the winter overflow water from the Power Dam goes into the river. The City is currently seeking funding to buy a 3,000,000-gallon tank that would be able to capture and store this overflow but does not have access to it at this time. It has been proposed that the winter overflow be piped into Grand Water and Sewer Service (GWSSA) hold tanks until the 3,000,000-gallon tank is in place to avoid the community losing that water. An investigation might be needed to find out how much overflow is going into the river, how much of it will the 3,000,000-gallon tank hold, where would the city hook into the GWSSA lines, what physical infrastructure would be needed to accomplish this task, what is the mechanism for the City to sell water to someone else (who decides), and how would the sale be structured for it to work for both agencies? The purpose would be to not to loose the water and a contract could be set up so that when the City has extra water it would go to GWSSA and when the City doesn't have any extra water nothing would be go to GWSSA. Extensive discussion followed on this matter. Both the City and GWSSA staff will need to work out the details

Motion and vote: Board Member Hultquist moved to approve that a recommendation be sent to the City Manager that the City get together and engage GWSSA in talks to facilitate winter overflow sales of Moab City winter overflow to GWSSA. Board Member Lynch seconded the motion. The motion passed 7-0. with Board Members Hultquist, Lynch, Bailey, Dohrenwend, Gould, Perkins and Duncan voting aye.

Assistant City Engineer Johanson announced a meeting on September 19th at 1:30 where Ken Kolm could call in. That date didn't work for some of the Board Members that wanted to be included. Discussion followed. The meeting will be held as scheduled in City Engineer Williams's office and Kolm will call in.

Final USGS Report And Its Findings Impact On The Kolm Groundwater

Model/HESA: Board Member Hultquist provided a Summary of Important Points from the USGS Report. He said that the USGS Report is finalized and the Council will want to know what it is in it, but it is a 64-page document, so he created a draft summary of 13 important points from that document for the Council. He told the Board that they didn't need to go through them at this point in time and that the Board could add to them if they wished. He said that they needed to start discussion on what points they were going to send to Council for them to use to

make policy decisions. He noted that the report made no attempt to decipher the amount of water in each of the water pathways. Discussion followed regarding points made in the USGS Report and how some of them differ from the Ken Kolm Report. Hultquist will make some minor changes and get the document to Allred so that she can get a “shared working document” out to the Board. The Board would like to have the document with the page numbers referenced on the summary points completed before the meeting with Ken Kolm. The Board discussed some major points of disagreement between the two reports that the City Council needs to be aware of. The first was the age of the water in the Glen Canyon Aquifer. The second was the point at which snowmelt from the La Sal Mountains enters the aquifer-directly as mountain flow, or at the French drain in Mill Creek where the creek runs by the Golf Course. The last was that the stream flow numbers for Mill Creek do not indicate that the net gain of water to the Glen Canyon Aquifer does not equal the amount that would have to enter it in order to account for the 2,000+ AF that come from the city’s well and springs in Old City Park.

State of Utah Department of Natural Resources Division of Water Resources Local Conservation Goal Program:

Discussion: Hultquist brought this to the Board’s attention as the public comment period ends September 25th and the program directly affects the City’s water conservation goals, as well as GWSSA’s. He said that the State has some really good ideas, but if the Board wants to comment on the State’s new regional goals, it would need to be done at this meeting to make the comment deadline. He had drafted a comment letter for the State and the Board reviewed that letter with a map and details from the State goals. The Board liked the State goals but wondered if they were realistic for this particular area as opposed to Salt Lake City. Discussion followed regarding the City and the County’s goals and how they might relate to the State goals.

Motion and vote: Board Member Hultquist moved to approve that he will re-write the draft comment letter incorporating comments from the Board at this point in time. It will then be redistributed to the Board for any more comments and wordsmithing that they would like and he4 will deliver it to Board Chair Dohrenwend with those comments and she can forward it on to the City Manager. Board Member Lynch seconded the motion. The motion passed 6-0 with Board Members Hultquist, Lynch, Bailey, Dohrenwend, Perkins and Duncan voting aye. Board Member Gould left the meeting at 3:37 PM.

Manti-La Sal Forest Plan Draft:

Discussion: There was no discussion.

Motion and vote: Board member Hultquist moved to table this topic until the next agenda. Board Member Lynch seconded the motion. The motion passed 7-0 with Board Members Dohrenwend, Bailey, Hultquist, Lynch, Gould, Perkins and Duncan voting aye.

Peer Review Of Kolm Phase I And Phase II Report:

There was discussion of when the report would become available. This item was then deferred to next month’s agenda after the meeting with Ken Kolm.

State of Utah DNR/UDWR’e Watershed Coordinating Council Draft Legislation:

Discussion: Tabled for next month’s agenda.

Moab City’s Water Conservation Public Outreach Update:

Discussion: Board Member Hultquist stated that they are changing seasons at this time and he encouraged the Board’s Public Outreach to get some messages out stating that people can start watering less. Russo said that on September 29th, they will be giving away water conservation kits at the Grand Center from 11:00 AM to 1:30 PM and at the library from 3:00

PM to 4:00 PM as part of Climate Week. Board Chair Dohrenwend instructed that this should be a standing item on the agenda.

Moab Water Facts 2019 Revision:

Discussion: The Water Facts sheet is difficult to read as edits and/or comments appear as bubbles that cover the text and the detail of the edit and/or comments don't show. Discussion followed on how it should be laid out. Russo will make a few changes and this item will be on the next agenda and Public Works Director Antillon will be invited to attend.

Mani-La Sal Forest Plan Draft—Discussion And Possible Action:

Discussion: This item will be moved to the next agenda and Oscar Antillon will be asked to attend.

Russo stated that she had gone through the VCAP Report and that she would put together a summary sheet before the next meeting.

Adjournment: Board member Perkins moved to adjourn at 3:59 p.m.

DRAFT