

**WESTERN REGIONAL WATER COMMISSION ("WRWC")  
AGENDA**

Wednesday, February 19, 2020  
Note Change of Time and Location to:

**12:00 p.m.**

**Truckee Meadows Water Authority**

**1355 Capital Blvd., Reno, Nevada**

**(Meeting will adjourn and reconvene at  
4250 Norton Dr, Reno, NV 89506 following item #8)**

**TRUSTEES**

Vaughn Hartung, Chair  
Kristopher Dahir, Vice Chair  
Sandra Ainsworth,  
Secretary-Treasurer

Donald Abbott  
Paul Anderson  
Jenny Brekhus

Naomi Duerr  
Jeanne Herman  
Bob Lucey

NOTICE OF POSSIBLE QUORUM OF THE BOARD OF DIRECTORS OF THE TRUCKEE MEADOWS WATER AUTHORITY ("TMWA"), AND/OR THE BOARD OF COUNTY COMMISSIONERS ("BCC") FOR WASHOE COUNTY, AND/OR THE SPARKS CITY COUNCIL ("SCC")

*(See following Notes)*

**Notes: Because several of the WRWC Trustees are also members of the Board of Directors of TMWA, and/or the BCC, and/or the SCC, it is possible that a quorum of the TMWA Board and/or the BCC, and/or the SCC may be present. Such members will not deliberate or take action at this meeting as members of the TMWA Board or the BCC, or the SCC, but may take action exclusively in their capacity as WRWC Trustees.**

1. Items on this agenda on which action may be taken are followed by the term "For Possible Action". Non-action items are followed by an asterisk (\*).
2. Public comment is limited to three minutes per speaker and is allowed during the public comment periods, and before action is taken on any action item. Comments are to be directed to the Commission as a whole. Persons may not allocate unused time to other speakers. The public may sign-up to speak during the public comment period or on a specific agenda item by completing a Public Comment Information ("Request to Speak") card and submitting it to the clerk.
3. Items on this agenda may be taken out of order, combined with other agenda items for consideration, removed from the agenda, or delayed for discussion at any time. Arrive at the meeting at the posted time to hear item(s) of interest.
4. Supporting material provided to the Commission for items on the agenda is available to members of the public at the Western Regional Water Commission ("WRWC") offices, 1001 E 9th Street, Reno, NV, from Jim Smitherman, Water Resources Program Manager, (775) 954-4657, and on the WRWC website at <http://www.wrwc.us>
5. The Washoe County Commission Chambers are accessible to the disabled. We are pleased to make reasonable accommodations for persons who are disabled and wish to attend meetings. If you require special arrangements for the meeting, please call (775) 954-4657 no later than 24 hours prior to the meeting.
6. In accordance with NRS 241.020, this agenda has been posted at the following locations: Reno City Hall (1 East First Street), Sparks City Hall (431 Prater Way), Sun Valley GID (5000 Sun Valley Blvd.), TMWA (1355 Capital Blvd.), Washoe County Administration Building (1001 E. Ninth Street), South Valleys Library (15650A Wedge Parkway), the WRWC website at <http://www.wrwc.us>, and the State of Nevada website at <https://notice.nv.gov>

1. Roll Call and Determination of Presence of a Quorum. \*
2. Pledge of Allegiance. \*
3. Public Comment – limited to no more than three minutes per speaker. \*
4. Approval of Agenda. **(For Possible Action)**

5. Educational Workshop on OneWater Nevada, a multi-jurisdictional feasibility study focusing on advanced purified water treatment technologies and related demonstration projects. \*
6. Discussion and possible direction to staff regarding agenda items and dates for future WRWC meetings – Jim Smitherman. **(For Possible Action)**
7. Commission Comments. \*
8. Staff Comments. \*
9. Recess to move the meeting to the Reno-Stead Water Reclamation Facility, 4250 Norton Dr, Reno, NV 89506 **(For Possible Action)**
10. Reconvene Meeting, Roll call and determination of quorum on site at Reno-Stead Water Reclamation Facility
11. Presentation and tour of OneWater Nevada Advanced Purified Water Treatment Demonstration Project\*
12. Public comment – limited to no more than three minutes per speaker. \*
13. Adjournment. **(For Possible Action)**

# Western Regional Water Commission

## STAFF REPORT

**DATE:** February 12, 2020

**TO:** Chair and Members, Western Regional Water Commission (“WRWC”)

**FROM:** Jim Smitherman, WRWC Water Resources Program Manager

**SUBJECT:** Educational Workshop on OneWater Nevada, a multi-jurisdictional feasibility study focusing on advanced purified water treatment technologies and related demonstration projects

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### Workshop Topical Outline

#### 1. Technical Session

- a. Advanced Purified Water (Category A+ Reclaimed Water): what it is and what it isn't
- b. Existing Reclaimed Water Categories: allowed uses of each
- c. Uses of Advanced Purified Water: groundwater augmentation by well-injection or spreading basins
- d. Overview of Treatment Processes: feasibility study, proof of technology, drinking water criteria
  - 1) Conventional filtration vs. membrane technology
  - 2) Ozone / Biological Activated Carbon (O3/BAC): treatment for remaining total organic carbon (TOC), bioassays
  - 3) Ultraviolet Light, Granular Activated Carbon (UV/GAC): disinfection polishing step
- e. Timeline: accomplishments to date and what remains to be done
- f. Cost of Advanced Purified Water: a cost-competitive option, order of magnitude cost estimates
- g. Future Water Rights Considerations Concerning Advanced Purified Water: existing laws and regulations; potential for future will-serve commitments, cost and local government cooperation
- h. Demonstration Facility: location and size
  - 1) Purpose: proof of concept, advanced treatment, aquifer recharge, recovery, use water in conventional (purple pipe) reclaimed water system
  - 2) Clean, engineered facility, suitable for general public tours / education, leads to public acceptance
  - 3) OneWater Nevada Federal Funding support request

#### 2. Public Acceptance / Outreach Session

#### 3. Break for travel to Reno Stead Water Reclamation Facility for a tour of the OneWater Nevada Advanced Purified Water Treatment Demonstration Project

JS:jp