

WESTERN REGIONAL WATER COMMISSION ("WRWC") AGENDA

Wednesday, January 17, 2018
9:00 a.m.

Sparks Council Chambers, Legislative Building
745 Fourth St., Sparks, Nevada

TRUSTEES

Vaughn Hartung, Chairman
Ron Smith, Vice Chair
Sandra Ainsworth, Secretary-
Treasurer

Donald Abbott
Naomi Duerr
Jeanne Herman

Neoma Jardon
Bob Lucey
Paul McKenzie

NOTICE OF POSSIBLE QUORUM OF THE BOARD OF DIRECTORS OF THE TRUCKEE MEADOWS WATER
AUTHORITY ("TMWA"), AND/OR A POSSIBLE QUORUM OF THE WASHOE COUNTY COMMISSION

(See following Notes)

Notes: Because several of the WRWC Trustees are also members of the Board of Directors of TMWA and/or the Board of County Commissioners ("BCC"), it is possible that a quorum of the TMWA Board and/or a quorum of the BCC may be present. Such members will not deliberate or take action at this meeting as members of the TMWA Board or the BCC, 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 "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), Sparks Justice Court (1675 East Prater Way), Sun Valley GID (5000 Sun Valley Blvd.), TMWA (1355 Capital Blvd.), Washoe County Administration Building (1001 E. 9th Street), Second Judicial District Court/Courthouse (75 Court Street), Washoe County Central Library (301 South Center St.), Washoe County Community Services Department (1001 E. 9th Street), Galena Market (19990 Thomas Creek Rd.), Galena High School (3600 Butch Cassidy Way), South Valleys Library (15650A Wedge Parkway), the WRWC website: <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. [Election of Chairman, Vice-Chairman, Secretary and Treasurer for the 2018 calendar year](#) – Jim Smitherman, WRWC Water Resources Program Manager. **(For Possible Action)**

6. Approval of the Minutes of the October 18, 2017, meeting. **(For Possible Action)**
7. [Report on the predictability of winter weather patterns, seasonal changes, and potential hazards which may impact the local community, and affect regional water resource planning and other regional planning efforts](#) – Chris Wessel, WRWC Water Resources Planner, and Tim Bardsley, National Weather Service. *
8. [Report on the Advanced Water Treatment Technologies Demonstration Project being conducted by the University of Nevada, Reno \(“UNR”\), and related effluent management activities](#) – Jim Smitherman, Rick Warner, Washoe County Community Services Department, and Dr. Krishna Pagilla, UNR. *
9. [Report on Phase 1 of the Regional Storm Water Drainage Network Geographic Information System \(“GIS”\) Map project](#), and possible direction to staff – Jim Smitherman, and Dr. Jeremy Smith, Truckee Meadows Regional Planning Agency. **(For Possible Action)**
10. Discussion and possible direction to staff regarding agenda items and dates for future WRWC meetings – Jim Smitherman. **(For Possible Action)**
11. Commission Comments *
12. Staff Comments *
13. Public comment – limited to no more than three minutes per speaker *
14. Adjournment. **(For Possible Action)**

Western Regional Water Commission

STAFF REPORT

DATE: January 10, 2018

TO: Chairman and Members, Western Regional Water Commission ("WRWC")

FROM: Jim Smitherman, Water Resources Program Manager

SUBJECT: Election of Chairman, Vice-Chairman, Secretary and Treasurer for the 2018 calendar year.

SUMMARY

Section 27(1), Chapter 531, Statutes of Nevada 2007, the Western Regional Water Commission Act, provides that "The Board shall elect one of its members as Chairman and one of its members as Vice Chairman, and shall elect a Secretary and a Treasurer, who may be members of the Board. The Secretary and the Treasurer may be the same person. The terms of the officers expire on December 31 of each year."

PREVIOUS ACTION

On January 18, 2017, the WRWC Board elected the following officers:

Vaughn Hartung, Chairman
Ron Smith, Vice-Chairman
Sandra Ainsworth, Secretary-Treasurer

On January 20, 2016, the WRWC Board elected the following officers:

Vaughn Hartung, Chairman
Naomi Duerr, Vice-Chairman
Sandra Ainsworth, Secretary-Treasurer

On January 15, 2015, the WRWC Board elected the following officers:

Vaughn Hartung, Chairman
Naomi Duerr, Vice-Chairman
Sandra Ainsworth, Secretary-Treasurer

On January 11, 2014, the WRWC Board elected the following officers:

Mike Carrigan, Chairman
Vaughn Hartung, Vice-Chairman
Sandra Ainsworth, Secretary
Steve Cohen, Treasurer

On January 16, 2013, the WRWC Board elected the following officers:

Mike Carrigan, Chairman
Vaughn Hartung, Vice-Chairman
Margaret Reinhardt, Secretary
Steve Cohen, Treasurer

On February 10, 2012, the WRWC Board elected the following officers:

Mike Carrigan, Chairman
Bob Larkin, Vice-Chairman
Margaret Reinhardt, Secretary
Steve Cohen, Treasurer

On January 14, 2011, the WRWC Board elected the following officers:

Mike Carrigan, Chairman
Bob Larkin, Vice-Chairman
Margaret Reinhardt, Secretary
Steve Cohen, Treasurer

On January 8, 2010, the WRWC Board elected the following officers:

Mike Carrigan, Chairman
Bob Larkin, Vice-Chairman
Patricia Lancaster, Secretary
Steve Cohen, Treasurer

On January 9, 2009, the WRWC Board elected the following officers:

Mike Carrigan, Chairman
Dave Aiazzi, Vice-Chairman
Patricia Lancaster, Secretary
Steve Cohen, Treasurer

On April 11, 2008, the WRWC Board elected the following officers:

Mike Carrigan, Chairman
Dave Aiazzi, Vice-Chairman
Jim Ainsworth, Secretary
Steve Cohen, Treasurer

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Western Regional Water Commission

STAFF REPORT

DATE: January 10, 2018

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

FROM: Chris Wessel, WRWC Water Management Planner
Tim Bardsley, Senior Service Hydrologist, National Weather Service

SUBJECT: Report on the predictability of winter weather patterns, seasonal changes, and potential hazards which may impact the local community, and affect regional water resource planning and other regional planning efforts.

SUMMARY

Regional water resource planning efforts currently include a number of projects which are significantly influenced by local weather patterns and events, e.g., the Long-Term Precipitation Gauge Monitoring Program, the Washoe ET Project, and the Desert Research Institute Cloud Seeding Project. Additionally, changes in weather patterns have the potential to increase localized flooding. Flood control is a planning element required and included in the Comprehensive Regional Water Management Plan, and the subject of regional planning efforts by other local entities such as the Truckee River Flood Management Authority, and the Truckee Meadows Regional Planning Agency.

Tim Bardsley, Senior Service Hydrologist for the National Weather Service will present a report on the predictability of winter weather patterns, seasonal outlooks and larger hazards such as atmospheric rivers, floods, and blizzards which impact the local community, and influence the regional planning efforts noted above, and other planning projects.

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Western Regional Water Commission

STAFF REPORT

DATE: January 10, 2018

TO: Chairman and Members, Western Regional Water Commission ("WRWC")

FROM: Jim Smitherman, Water Resources Program Manager

SUBJECT: Report on the Advanced Water Treatment Technologies Demonstration Project being conducted by the University of Nevada, Reno ("UNR"), and related effluent management activities.

SUMMARY

In August 2016, the WRWC approved a recommendation from the Northern Nevada Water Planning Commission for the Advanced Water Treatment Technologies Demonstration Project, and execution of an interlocal agreement with UNR for completion of the scope of work over a four year term, in an amount not to exceed \$676,475 from the Regional Water Management Fund.

Work was initiated in September 2016 and has progressed according to the approved project schedule. Progress to date includes the completion of Task 1, Project Rationale and Justification for Advanced Treated Recycled Water in the Truckee Meadows, and Task 2, Critical Review of Technologies that can meet Nevada Division of Environmental Protection Regulations/ Requirements. Draft reports (95 percent complete) have been delivered for review. Task 3, Basis of Design for the Demonstration Project, and Task 4, Demonstration System Testing Plan, are underway.

A PowerPoint progress report will be presented at the meeting.

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Western Regional Water Commission

STAFF REPORT

DATE: January 10, 2018
TO: Chairman and Members, Western Regional Water Commission ("WRWC")
FROM: Jim Smitherman, WRWC Water Resources Program Manager
Jeremy Smith, PhD, Truckee Meadows Regional Planning Agency ("TMRPA")
SUBJECT: Report on Phase 1 of the Regional Storm Water Drainage Network Geographic Information System ("GIS") Map, and possible direction to staff.

SUMMARY

TMRPA staff has completed the first phase of the Regional Storm Water Drainage Network Geographic Information System ("GIS") Map project. Phase 1 is entitled Data Gathering and Assessment, and includes the following tasks:

- Compile existing storm water network GIS data received from local jurisdictions and store in a centralized database.
- Evaluate GIS data for completeness of coverage.
- Evaluate attribute data included with the GIS features.
- Prepare a final report and provide a presentation to the WRWC, Regional Planning Governing Board and Northern Nevada Water Planning Commission ("NNWPC").
- Make the final collection of GIS data available to interested government entities.

TMRPA staff will provide a PowerPoint presentation to the WRWC at the meeting.

PREVIOUS ACTION

In April 2017, the WRWC received a report summarizing the NNWPC's recommendation concerning TMRPA's proposal for the development of a Regional Storm Water Drainage Network Geographic Information System ("GIS") Map. After asking several questions of staff and discussing the proposal among the members, the WRWC approved a motion directing staff to move forward with Phase 1 of the proposed project at a cost not to exceed \$21,000 from the Regional Water Management Fund, and after completion return with recommendations for subsequent phases.

RECOMMENDATION

Staff recommends that the WRWC accept the report on Phase 1 of the subject GIS Map project, and provide appropriate direction to staff if desired.

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