

MINUTES (Approved)

Chairperson: Andy Pease
Vice Chairperson: Linda Seifert
Secretary: Ray Dienzo

The following action minutes are listed as they were acted upon by the Water Resources Advisory Committee (WRAC) and as listed on the Regular Meeting agenda for **December 4th, 2019** together with staff reports and related documents attached thereto and incorporated therein by reference.

The audio recording of the meeting and materials submitted to the WRAC are available online: <http://www.slocountywater.org/site/Water%20Resources/Advisory%20Committee>

Call to order at 1:30 PM

1. Determination of a Quorum and Introductions

A quorum of 18 is established

2. Approval of October 2, 2019 Meeting Minutes

C. Mulholland suggests wording of “compromised” in section 6, paragraph 2 be changed to “agreed”, Tribune in section 9 to be capitalized, and “suggest” changed to “suggests” in previous minutes.

L. Seifert corrects section 3 item b from “M. Broadhurst” to “M. Boerman”

A motion by T. Walters which is seconded by C. Mulholland to approve corrected meeting minutes. (14-0-4)

3. Ongoing Updates:

- a. Rain & Reservoir Report
No comments
- b. Groundwater Basin Management Efforts
No comments
- c. Integrated Regional Water Management (IRWM)
No comments
- d. Stormwater Resource Plan (SWRP)
No comments
- e. Various County Water Programs, Policies, and Ordinances

E. Greening asks about the progression of Morro City Bay Council study related to delta bypass project and it is answered that the board of supervisors will have a study session before voting to move forward in funding the project.

C. Mulholland asks about cash for grass program ownership and is briefly answered that the County gets money from building permits which goes to retrofits, but R. Dienzo states that Planning will have a more thorough answer at the next meeting.

f. Open Reporting on Water Conservation Opportunities & Information

No comments

g. WRAC 2020 Regular Meeting Schedule

No comment

4. Presentation on Urban Water Loss Audits and Leak Detection Technologies by City of San Luis

Obispo

M. Boerman and M. Henderson from City of San Luis Obispo present on the progression of the City's water loss auditing program. The elements of the presentation are as follows:

- Recent law requires water retailers (>3000 AF) to submit a yearly water loss audit.
- The City implemented new AWWA audit software and the state provided free training.
- The City recorded 4700 acre-feet in water supplied and 4400 through approved activity, which provides a water loss of 300 acre-feet.
- In this time, 199 acre-feet of loss was due to leaks (real loss) and 112 was due to nonlegitimate loss caused by meter inaccuracy (apparent loss).
- The City values apparent loss at the retail water price and real loss at the cost it takes to send replacement water for each acre-foot lost, but they do not include cost of line break repairs.
- The first resolution to apparent losses is meter testing, which discovered an 8" meter with a minimum register of 60 gpm; this led the City to break the meter into two 6" meters that registered starting at 0.75 gpm instead.

- The City has standardized their meters using Ultrasonic meters. Ultrasonic $\frac{3}{4}$ " meters have the accuracy of 1/16 gpm starting.
- The City is setting up DMAs to break up regions and find smaller-scale losses.
- The City is implementing Leak Detection Correlators that use sound waves to pinpoint leaks within 2 feet.
- Zone sensing attaches to fire hydrants to set up an acoustic profile that can detect small leaks early.
- Pressure management directly correlates with leakage losses; 10% pressure reduction leads to a 10% reduction in losses due to leaks.

5. Update from WRAC and Agriculture Liaison Advisory Board (ALAB) Collaboration Sub-Committee

L. Seifert states that the first meeting set the sub-committee's goals of describing common goals between groups, identify funding and legislature measures, and identifying messages common to both organizations.

6. Updates from Agencies on Water Issues Relevant to Their Group or Agency

No comments

7. Discuss Future Agenda Items

Mark Battany will give soil, moisture, and evapotranspiration updates.

The water conservation committee had 7 recommendations; during the February meeting these will be reviewed.

D. Chipping asks what the update in Los Osos conservation plan will do to address the availability of water resources.

8. Public Comment

C. Mulholland recommends the book *The Dreamt Land* about California's water history.

Meeting Adjourned at 2:35 pm.