

AMADOR WATER AGENCY

Board of Directors

Regular Meeting

12800 Ridge Road, Sutter Creek, CA 95685

February 23, 2017

9:00 a.m.

Website Address: www.amadorwater.org

Please Note: Members of the public will have the opportunity to directly address the Agency Board of Directors concerning any item listed on the Agenda below before or during consideration of that item.

There is a three minute time limit per person

In order to better accommodate members of the public, specific times above for Agenda Items will be heard at the specified time or soon thereafter. Agenda Items without specific times may be rearranged to accommodate the Board's schedule.

1. CALL TO ORDER AND PLEDGE OF ALLEGIANCE

2. ADDITIONS TO AGENDA

- a. Items added to the agenda must be approved by the Board pursuant to Government Code Section 54954.2.

3. PUBLIC COMMENT FOR MATTERS NOT ON THE AGENDA

A. Discussion items only, no action to be taken. Any person may address the Board at this time upon any subject within the jurisdiction of Amador Water Agency; however, any matter that requires action will be referred to Staff for a report and action at a subsequent Board meeting. Please note there is a three (3) minute time limit per person

4. CONSENT AGENDA

Items listed on the consent agenda (see attached) are considered routine and may be enacted by one motion. Any item may be removed for discussion and made a part of the regular agenda at the request of a Board member(s).

5. AGENCY GENERAL

A. Agency Infrastructure Winter Storms Damage Report

1. No action- Informational only

B. Emergency Declaration

1. Discussion and possible action to adopt Resolution No. 2017-04, Declaring an Emergency in connection with the destruction of a section of the Amador Canal

6. AGENCY WATER

A. Rainfall and Reservoir Levels

BOARD OF DIRECTORS

B. Lake Camanche Water System Improvement Project

1. Discussion and possible action to certify that Mozingo Construction Inc. is the lowest responsive bidder and authorize the General Manager to issue the Notice of Award and Notice to Proceed to Mozingo Construction, when all contract requirements have been met by the contractor

2. Discussion and possible action to authorize the General Manager to execute Contingency Bid Item No. 19 for \$37,180 for installation of two, four-inch conduits and expanded joint trench from Station 0+94 to 19+53

7. PROJECT UPDATES

8. GENERAL MANAGER'S REPORT

General discussion of various items in progress within each area of responsibility. This is for informational and communication purposes. Discussion only, no formal action will be taken. Any matter requiring action will be placed on an upcoming agenda for consideration

9. ASSISTANT GENERAL MANAGER'S REPORT

General discussion of various items in progress within each area of responsibility. This is for informational and communication purposes. Discussion only, no formal action will be taken. Any matter requiring action will be placed on an upcoming agenda for consideration

10. BOARD OF DIRECTOR DISTRICT REPORTS, COMMITTEE REPORTS AND DIRECTOR COMMENTS - The Board Members may report on various activities, meetings, etc. that they have been involved in. Discussion only, no formal action will be taken. Any matter requiring action will be placed on an upcoming agenda for consideration.

11. FUTURE AGENDA TOPICS - This item is to provide the Board Members an opportunity to request items to be placed on future agendas.

12. CLOSED SESSION

A. Conference with Legal Counsel Pursuant to Government Code Section 54956.9(a) – Pending Litigation- Amador Water Agency v. Lazy Creek Family Trust, et al. (Amador Superior Court Case No. 15-CV-9203).

13. ADJOURNMENT

BOARD OF DIRECTORS

Gary Thomas, President

Art Toy, Vice President

Paul Molinelli Jr

Rich Farrington

Robert Manassero

**AMADOR WATER AGENCY
CONSENT AGENDA
February 23, 2017**

Items listed on the consent agenda are considered routine and may be enacted by one motion. Any item may be removed for discussion and made a part of the regular agenda at the request of a Board member(s).

- 1. MINUTES**
 - A. Approval of minutes of the Regular Board Meeting of February 9, 2017

- 2. MISCELLANEOUS APPROVALS**
 - A. Approval of Accounts Payable for January, 2017

In compliance with the Americans with Disabilities Act, if you are a disabled person and you need a disability-related modification or accommodation to participate in this meeting, then please contact Cris Thompson at (209) 223-3018 or (209) 257-5281 (fax). Requests must be made as early as possible, and at least two-full business days before the start of the meeting.

Documents and materials relating to an open session agenda item that are provided to the Amador Water Agency Board of Directors less than 72 hours prior to a regular meeting will be available for public inspection and copying at 12800 Ridge Rd, Sutter Creek CA 95685

BOARD OF DIRECTORS

Gary Thomas, President

Art Toy, Vice President

Paul Molinelli Jr

Rich Farrington

Robert Manassero

**AMADOR WATER AGENCY
Board of Directors
Regular Meeting**

February 9, 2017

MINUTES

Directors Present: Gary Thomas, President
Art Toy, Vice President
Richard Farrington
Paul Molinelli Jr.
Robert Manassero

Staff Present: Gene Mancebo, General Manager
Cris Thompson, Assistant General Manager
Joshua Horowitz, Agency Counsel

CALL TO ORDER- President Thomas called the meeting to order at 9:01 a.m.

SWEARING IN OF DISTRICT 1 DIRECTOR PAUL MOLINELLI JR. - Kim Grady,
Amador County Clerk/ Recorder

Director Paul Molinelli Jr. took his seat

ADDITIONS TO THE AGENDA – None

PUBLIC COMMENT: (02:33-11:20)

Mr. Paul Molinelli Sr.
Mr. Andres Stenstedt

CONSENT AGENDA ITEMS (11:21- 13:01)

MOTION: It was moved by Director Toy, seconded by Director Farrington and carried to approve the consent agenda with suggested revisions to the minutes of January 26, 2017

Ayes: Directors Farrington, Toy, Thomas, and Manassero

Noes: None

Absent:None

Abstain: Director Molinelli Jr.

DEPARTMENT REPORTS (13:01-56:15)

Administration/Finance
Operations

WATER SYSTEMS (56:28- 1:18:17)

Public Hearing - Intent to Consider Becoming a Groundwater Sustainability Agency Under the Sustainable Groundwater Management Act (SGMA)

Discussion and possible action to consider adoption of Resolution No. 2017-03, a resolution approving a joint exercise powers of agreement between Amador County, Jackson Valley Irrigation District and the Agency to form a groundwater sustainability agency, electing to participate in that agency to implement SGMA in Amador County, and directing staff to file a notice with the Department of Water Resources of the Authority's election to become the County GSA as soon as the County and JVID approve the agreement

President Thomas declared that the Public Hearing was open at 10:00 a.m. and has been duly noticed.

Public Comment: None

MOTION: It was moved by Director Manassero, seconded by Director Molinelli Jr. and unanimously carried to close the public hearing

MOTION: It was moved by Director Toy, seconded by Director Molinelli Jr and unanimously carried to adopt Resolution No 2017-03 a resolution approving a joint exercise powers of agreement between Amador County, Jackson Valley Irrigation District and the Agency to form a groundwater sustainability agency, electing to participate in that agency to implement SGMA in Amador County, and directing staff to file a notice with the Department of Water Resources of the Authority's election to become the County GSA as soon as the County and JVID approve the agreement

RECESS was called at 10:22 a.m. **SESSION RESUMED** at 10:34 a.m.

Water Rate Study Update 1:18:17- 2:04:00)

Discussion and possible action to authorize the General Manager to execute a contract with the Reed Group Inc. to complete a Water Rate Study Update for an amount not to exceed \$35,500

MOTION: It was moved by Director Toy, seconded by Director Molinelli Jr. to authorize the General Manager to execute a contract with the Reed Group Inc. to complete a Water Rate Study Update for an amount not to exceed \$35,500 to include a 10% contingency to be paid for by Operating Reserves

MOTION #1 was extinguished by the vote of Motion #2

MOTION 2: It was moved by Director Farrington, seconded by Director Manassero and carried to authorize the General Manager to execute a contract with the Reed Group Inc. to complete a Water Rate Study Update for an amount not to exceed \$35,500

AYES: Directors Farrington, Manassero, and Thomas

NOES: Directors Toy and Molinelli Jr.

ABSENT: None

ABSTAIN: None

LEGAL COUNSEL'S REPORT (02:04:05- 2:34:30)

Legislative report

Discussion and possible action regarding Agency positions on pending bills

Other Legal Matters

COMMITTEE REPORTS AND DIRECTOR COMMENTS (2:34:34- 2:40:40)

FUTURE AGENDA TOPICS (2:40:41- 2:42:52)

CLOSED SESSION was called at 12:01 p.m.

Conference with Legal Counsel Pursuant to Government Code Section 54956.9(a) –

Pending Litigation- Amador Water Agency v. Lazy Creek Family Trust, et al. (Amador Superior Court Case No. 15-CV-9203).

OPEN SESSION RESUMED at 12:03 p.m. with nothing to report

ADJOURNMENT

President Thomas adjourned the meeting at 12:03 p.m.

Cris Thompson

Clerk of the Board of Directors

Approved: _____

STAFF REPORT

Agency Infrastructure Winter Storms Damage Report

Requested Action:

None action-Informational only

Background:

The recent onslaught of winter storms from have had a significant impact on a wide range of Agency infrastructure and staff. Below is an overview of the recent challenges facing the Water Agency as we continue to provide safe reliable water and wastewater services to our customers. The Governor has declared a state of emergency due to the recent storm which has also been supported by President Trump. Emergency Grant funding will be available. Staff is tracking costs and documenting damage and repairs.

Water System:

Tiger Creek Road

The high levels of rainfall and runoff have caused many mud slides along Tiger Creek road and at least one slough of the sub-grade underneath the road. The Agency's Gravity Supply Line (GSL) is in Tiger Creek Road where some of these failures have occurred. On February 8, 2017, at PG&E's request, the Agency stopped using the GSL to provide raw water to the Buckhorn Water Treatment Plant and powered up its two raw water pump stations to convey raw water to the Buckhorn Water Treatment Plant. Crews de-watered the GSL to facilitate PG&E's repair of Tiger Creek Road by eliminating the risk of pipeline failure. Agency Water Treatment Plant operators had to manually operate the raw water pump stations over the weekend until Volcano Telephone could re-establish pump station communication lost during the storms the week of February 6th.

Intake Structure at Tiger Creek

Tiger Creek itself was not immune to unprecedented flows during the recent storms either. Rocks and debris pushed down the creek during these storm

events have damaged the intake structure to the small Water Treatment Plant at the Tiger Creek power house. This facility provides PG&E's Hydroelectric facility and local housing units with drinking water. The Water Agency staff placed the facility under a conservation order while operators worked to clear the intake piping of sludge and debris so that raw water could again be pumped into the treatment plant. Operators have re-established the operation of both source water pumps. PG&E crews will be assisting with repairs of the pipes in the creek.

Buckhorn Water Treatment Plant

Operators and members of the Construction Crew were forced to replace the Buckhorn recycle skid's membranes due very high raw water turbidity. Raw Turbidity exceeded 280 NTU (Nephelometric Turbidity Unit) at the Buckhorn water treatment plant on Feb 11th. Normal raw turbidity for this time of year is 1 to 2 NTU. At this point the recycle skid at Buckhorn had to be shut off. The recycled raw turbidity was simply too high to treat. The used membrane filters are not capable of treating this nearly muddy water. This did not impact the production of drinking water and this will be resolved with the DBP project which should be underway this spring.

lone Water Treatment Plant

Operators also worked very long hours at the lone Water Treatment Plant to ensure proper operation of the filters. Due to turbidity, silt and variable raw water quality coming out of the lone Reservoir, Operators were forced to shorten filter runs before filter backwash from 24 hours to 15 hours. Operators were also forced to drain backwash tanks into the City's sewer system to make room for additional backwash water due to shortened filter runs. This necessary work effort put a strain on the City of lone's wastewater collection system. Operators are changing the filter aid chemicals which will perform better with the storm related source water quality.

Preston Pump Station

Due to the very high water level of Sutter Creek in lone, the Agency experienced erosion of the Preston Pump Station foundation. Agency Distribution, Engineering, and Construction crews worked well into the night Friday, February 10th and most of the 14th and 15th to disconnect the pump station from the Distribution System and dismantle the building. Customers are being served through the pump system which serves the prison. Staff is analyzing options for a modified pressure zone system on the north side of Sutter Creek which may not require the reconstruction of the Preston Pump Station.

Amador Canal

The Agency Canal crew discovered a very large slough of the canal embankment downslope of the canal at waste gate 11, near the Highway 88 crossing, on Saturday February 11th. Agency Distribution, Construction, and Canal crew members worked to cover the entire sloughed embankment area with plastic sheeting to protect the canal through the next round of storms. Only a narrow

band of earth remains on the downslope side of the canal in this area. If the soils erode in this area, there would be catastrophic damage to downslope lands. Agency Engineers and staff are working on access and slope stabilization plans which will need to be implemented as soon as possible. This work will likely require an outside contractor and there is not enough time to go through the normal competitive bid process given the pending failure. This requires emergency repair work and is on the agenda as a separate item.

Wastewater Facilities

The Winter storms have continued to produce significantly higher than normal rain, runoff, and inflow and infiltration into the Wastewater systems. These events have caused the Agency wastewater pond levels to rise within two feet of the spill way which is a regulated minimum for the Camanche and Gayla Manor Wastewater facilities. This has forced the Agency to execute our spill contingency plan and spray irrigate treated wastewater during the storms as well as discharge treated wastewater effluent at our Camanche and Gayla ponds over the spillway of each dam to ensure no dam breach occurs. Wastewater was also trucked from these sites to minimize discharges. These discharges are considered a violation of the Waste Discharge Requirements; however, the Agency is working under the supervision of the Central Valley Regional Water Quality Control Board and providing updates and reports accordingly including taking water samples regularly confirming water quality conditions. We believe these storms have exceeded 100 year events which are beyond the design of the facilities.

Mace Meadow Golf Course

The employees of Mace Meadow Golf Course did a commendable job working to ensure our backwash pond did not spill during these storms even though the irrigation pump station flooded on 2 separate occasions, storm water diversion overtopped a recently installed 36 inch culvert pipe near the pond, and entire swaths of the course were flooded. We greatly appreciate their hard work and cooperation.

Other Minor Damages

Multiple water storage tank roofs were damaged by high winds blowing off shingles. A generator at Camanche Tank #12 failed while in operation during the storms. Repair costs may exceed \$14,000. A pump at the Gayla Manor Wastewater Plant also failed and it is not known at this time whether debris was the cause of the failure. An irrigation pump at the Mace Meadows Golf Course also failed during the storm. Lastly, the extraordinary high turbidity which is uncharacteristic of our source water may have caused a reduction in the life of the membranes at the Buckhorn Water Treatment Plant. Operators will be evaluating the response of the membranes following chemical cleaning.

Alternatives:

Fiscal Impact:

Not yet quantified. From January 30th to February 12th, 2017. Agency staff have put in 265.25 hours of overtime. Emergency funding is anticipated from the Office of Emergency Services which could reimburse the Agency for storm related costs, but details are not available as of this report.

Reviewed by Committee:

No

Recommendation:

No specific recommendation at this time. Continue to provide staff the support needed to facilitate speedy repair of all affected facilities.

Prepared by:

Damon Wyckoff, Operations Manager

RESOLUTION NO. 2017-04**A RESOLUTION OF THE BOARD OF DIRECTORS
OF THE AMADOR WATER AGENCY DECLARING
AN EMERGENCY IN CONNECTION WITH THE DESTRUCTION
OF A 100 FOOT SECTION OF THE AMADOR CANAL**

WHEREAS, the Amador Canal, a largely open-earthen canal, conveys untreated water from Pacific Gas & Electric Company's Lake Tabeaud for approximately 16 miles to 102 customers along its alignment before entering New York Ranch Reservoir;

WHEREAS, a 100-foot section of the Amador Canal was suddenly and unexpectedly undermined due to a land slippage, the result of which is that said section of the Canal in significant risk of being destroyed;

WHEREAS, the destruction of this 100-foot section of the Amador Canal imperiled and continues to imperil the water supply for the 102 members of our community;

WHEREAS, because of the saturated condition of the hillsides through which the Amador Canal traverses, the forecast of continued significant precipitation and the temporary nature of the repair work in connection with the damaged section of the Amador Canal, there will be further emergency work in relation to the Amador Canal necessitating immediate action.

NOW, THEREFORE, the Board of Directors of the Amador Water Agency hereby finds, determines, and authorizes as follows:

1. That the damaged section of the Amador Canal poses a clear and imminent danger, requiring immediate action to prevent and mitigate the loss and impairment of essential public services and that the Agency Board of Directors hereby confirms and authorizes all expenditures made for such emergency work, as approved by the General Manager.

2. That in view of the damaged section of the Amador Canal and the temporary nature of the emergency repair work, together with the saturated condition of the hillsides through which the Canal traverses, there continues to be a clear and imminent danger to canal customers raw water supply and, as a consequence, the Agency Board of Directors hereby authorizes its staff to take whatever further immediate action that it determines is necessary to prevent and mitigate any interruption in the supply of water through the Amador Canal, which action can include, but not be limited to, procuring necessary equipment, services and supplies, without giving public notice for bids to let contracts.
3. In exercising any authority under this Resolution, the Agency General Manager or his designee shall comply with the requirements of Public Contract Code Section 22050 and any other applicable State statutes or Agency ordinances, resolutions, regulations or policies.
4. The Agency staff is hereby authorized to apply for and take whatever steps and actions that it deems necessary to obtain financial assistance from State, Federal and local agencies in connection with the emergency work on the Amador Canal.
5. That the Agency Board of Directors expresses its deepest and utmost appreciation for all of the hard work and tireless efforts of its employees in performing the emergency work on the Amador Canal and in avoiding an interruption of water supply to the canal customers.

PASSED AND ADOPTED by the Board of Directors of the Amador Water Agency on this 23rd day of February, 2017, by the following vote on roll call:

AYES:
NOES:
ABSTAIN:
ABSENT:

By: _____
President, Board of Directors

ATTEST:

By: _____
Clerk, Board of Directors

STAFF REPORT

Lake Camanche Water System Improvement Project

Requested Action:

1. Certify that Mozingo Construction, Inc., with a bid of \$1,383,600.00 is the lowest responsible responsive Bidder whose Bid complies with the requirements of the Camanche Improvements Project Contract Documents and authorize the General Manager to issue the Notice of Award and Notice to Proceed when all Contract requirements have been met by the Contractor.
2. Authorize the General Manager to execute Contingency Bid Item No. 19 for \$37,180.00 for installation of two, four-inch conduits and expanded joint trench from Station 0+94 to 19+53.

Background:

This project was bid on January 25, 2017, with the six (6) bids ranging from \$1,383,600 to \$2,103,383. AWA was initially awarded a grant for this project by the State Water Resources Control Board (SWRCB) for \$1,559,868.00. In accordance with the Funding Agreement, Agency Staff submitted the Final Budget Approval form to SWRCB on February 1, 2017 for \$1,933,403.00. On February 17, 2017, Pete Stamas and Bridget Chase, SWRCB Project Manager and Senior Water Resource Control Engineer respectively, for this project stated, "...treat these emails as a green light to award the contact as we are proceeding with amending the agreement to reflect your construction costs." The total project cost includes \$69,008.00 for planning and design costs incurred, for which the Agency can seek reimbursement immediately.

In the FBA preparation SWRCB, two items were added that were not in the original grant application, both of which received concurrence from SWRCB. First, during the second grant application/refinement phase, due to the limited original budget, the installation of wiring, relocation of existing SCADA/PLC facilities and other associated electrical work was removed from the Project with the intent being the work would be performed by Agency staff. However, in discussions with SWRCB, they concurred that we could include this work under force account in our FBA for the amount of \$87,500.00. Second, a contingency item was included in the bid for spare conduits the may be necessary in the future and the level of effort to install them now, versus later, was anticipated to be proportionally less. This too was discussed with SWRCB and they concurred that this item could also be added to the FBA in the amount of \$37,180.00.

Fiscal Impact:

Total Estimated Project Costs: \$1,933,403.00

Total Grant Amount: \$1,933,403.00

Net Budgetary Impact: \$0.00

Reviewed by Committee: No

Recommendation:

1. Certify that Mozingo Construction, Inc., with a bid of \$1,383,600.00 is the lowest responsible responsive Bidder whose Bid complies with the requirements of the Camanche Improvements Project Contract Documents and authorize the General Manager to issue the Notice of Award and Notice to Proceed when all Contract requirements have been met by the Contractor.
2. Authorize the General Manager to execute Contingency Bid Item No. 19 for \$37,180.00 for installation of two, four-inch conduits and expanded joint trench from Station 0+94 to 19+53.

Prepared by: Erik M. Christeson, P.E.

Reviewed by: Damon Wyckoff, Field Services Manager
Gene Mancebo, General Manager