

# Yolo County Flood Control & Water Conservation District

---

---

**Board Meeting**  
**34274 State Highway 16**  
**Woodland, CA 95695**  
**Tuesday, July 11, 2017**  
**7:00 P.M.**

---

---

Public documents relating to any open session item listed on this agenda that are distributed to all or a majority of the members of the Board of Directors less than 72 hours before the meeting are available for public inspection in the customer service area of the District's Administrative Office at the address listed above.

In compliance with the Americans with Disabilities Act, if you have a disability and need a disability-related modification or accommodation to participate in this meeting please contact Christina Cobey at (530) 662-0265 or (530) 662-4982 (fax). Requests must be made as early as possible, and at least one full business day before the start of the meeting.

---

---

## AGENDA

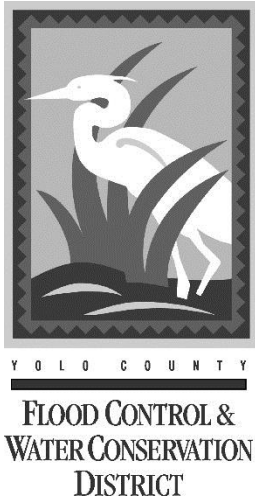
- 7:00      1.      Consideration: Adoption of the June 6, 2017 Regular Board Meeting Minutes
- 7:02      2.      Open forum (Limited to five minutes): Guest introductions, unscheduled appearances, opportunity for public comment on non-agenda items
- 7:07      3.      Consideration: Adding Items to the Posted Agenda  
In order to add an item to the agenda, it must fit one of the following categories:  
a) A majority determination that an emergency (as defined by the Brown Act) exists; or  
b) A 4/5ths determination that the need to take action that arose subsequent to the agenda being posted.
- 7:10      4.      Consideration: Moore Siphon Rupture Emergency Repair Project
- 7:25      5.      Consideration: January and February Storm Events Damages Repair Update
- 7:30      6.      Presentation: Aquatic Weed Management in District Canals
- 7:50      7.      Directors' Reports: Report on meetings and conferences attended during the prior month on behalf of the District

- 7:55      8.      General Manager's Report: Report regarding current general activities and projects of the District
- a) Operations, Maintenance, and Water Conditions
  - b) Financial Report
  - c) General Activities
  - d) Upcoming Events
- 8:10      9.      General Discussion: Opportunity for clarification or additional information request
- 8:13      10.     Consideration: Consider the approval and the payment of bills
- 8:15      11.     Adjourn

The public may address the Board concerning an agenda item either before or during the Board's consideration of that agenda item. Public comment on items within the Board's jurisdiction is welcome, subject to reasonable time limits for each speaker. Upon request, agenda items may be moved up to accommodate those in attendance wishing to address that item. Times listed for consideration of agenda items are approximate only. The Board may consider any agenda item at any time during the Board meeting.

I declare that the foregoing agenda was posted at the office of the Yolo County Flood Control and Water Conservation District, 34274 State Highway 16, Woodland, CA on July 7, 2017.

By: \_\_\_\_\_  
Kristin Sicke, Assistant General Manager



---

---

## **BOARD MEETING MINUTES**

**Tuesday, July 11, 2017, 7:00 PM**

**YCFCWCD Offices**

**34274 State Highway 16**

**Woodland, CA 95695**

---

---

The regular meeting of the Board of Directors of the Yolo County Flood Control and Water Conservation District (District) was held at 7:00 p.m. on Tuesday, July 11, 2017, at its regular place of business, 34274 State Highway 16, Woodland, California. Chair Vink convened the meeting. The following people were in attendance:

District Board

Erik Vink, Chair

Tom Barth

Ann Brice

Bruce Rominger

District Staff

Tim O'Halloran, General Manager

Kristin Sicke, Assistant General Manager

Jon O'Brien, Environmental Resources Associate

Members of the Public

James Barrett

Blake Harlan

John McKean

Joe Otto

Dave Pratt

Don Rominger

**1. CONSIDERATION: Approval of Minutes**

M/S/C approved the minutes of the June 6, 2017 regular Board meeting as submitted.

Ayes: Directors Barth, Brice, Rominger, and Vink

Noes: None

Absent: Director Kimball

Abstain: None

**2. OPEN FORUM**

Don Rominger inquired of the extent and cost of shrub plantings along the canal system. General Manager O'Halloran requested Environmental Resources Associate Jon O'Brien address the question in Item 6: Aquatic Weed Management in District Canals.

**3. CONSIDERATION: Adding Items to the Posted Agenda**

There were no changes made to the agenda.

**4. CONSIDERATION: Moore Siphon Rupture Emergency Repair Project**

General Manager O'Halloran reported that a leak was discovered in the District's Moore Siphon (Siphon) on July 2, 2017, which required monitoring and ultimately, led to a rupture in the Siphon on July 4. O'Halloran reported that District staff immediately notified water customers of the need for a stop in service and began working to determine the scope of the problem and identify the immediate fix to the rupture. After many days of working with a contractor on the emergency project, multiple holes were discovered in the Siphon and patch repairs were made. Over the course of the week, repairs were conducted and water deliveries resumed through the Moore System on July 9, 2017. O'Halloran presented multiple pictures from the emergency project repairs and discussed the District's intent for implementing a long-term solution at the end of the irrigation season. O'Halloran commended staff efforts overall, the District's communication with affected water customers, and the flexibility and assistance of water customers.

District staff recommended the Board declare an emergency for repairing the Moore Siphon. District staff also recommended the Board reaffirm General Manager O'Halloran to represent the District as needed for state and federal cost recovery, if needed.

M/S/C declared an emergency for repairing the Moore Siphon and reaffirmed General Manager O'Halloran to represent the District as needed for state and federal cost recovery, if needed.

Ayes: Directors Barth, Brice, Rominger, and Vink

Noes: None

Absent: Director Kimball

Abstain: None

### **5. CONSIDERATION: January and February Storm Events Damages Repair Update**

Assistant General Manager Sicke reported on the January and February storm events that impacted the District's infrastructure. Sicke provided the Board with an update on recovery, and an estimated timeline for repair and replacement of the damaged infrastructure. Sicke reported that the remaining projects to initiate were the Capay Dam Energy Dissipators Project and the Cache Creek Dam and Indian Valley Reservoir Access Road Slide Repair Projects. Sicke presented a table comparing the estimated costs to the actual costs, and discussed the potential of reimbursement for each project.

District staff recommended that the Board declare continuation of the emergency conditions related to the January and February storm events damage recovery. Emergency projects under the emergency declaration include the West Adams Canal Road and Cache Creek Bank Erosion Emergency Repair Project; Chapman Reservoir Inlet Repair Project; Indian Valley Access Road Slide Repair Project; Canal System Sediment/Debris Removal and Road Erosion and Repairs Emergency Project, which will include the removing the tree at the Capay Dam; the Capay Dam Energy Dissipators Repair Project; and other miscellaneous erosion and road and culvert repair projects from the January and February storm events.

M/S/C declared continuation of the emergency conditions related to the January and February storm events damage recovery and recognized all the emergency projects listed as part of the emergency declaration.

Ayes: Directors Barth, Brice, Rominger, and Vink

Noes: None

Absent: Director Kimball

Abstain: None

### **6. PRESENTATION: Aquatic Weed Management in District Canals**

General Manager O'Halloran introduced the District's Environmental Resources Associate, Jon O'Brien, and the presentation of aquatic weed management in District canals. O'Brien reported that the primary concern this year in the canal system is algae, which has been causing a significant hardship to water customers. Algae has been clogging pumps, drip irrigation lines, turnouts, and small siphons, and has required water customers to shut off surface water irrigation systems. O'Brien reported that the increased algae blooms are caused by a combination of undesirable conditions 1) warmer water temperatures, 2) lower flows in certain canals, 3) more concentrated nutrients in runoff, and 4) potentially, green algae in Clear Lake.

O'Brien reported that the District has been aggressive in treatment applications to assist water customers in reestablishing their surface water supply; 36 treatments have occurred so far, which is

already twice as much as last irrigation season. O'Brien anticipates treatment applications to decline mid-August, and that total application expenses will be approximately \$120,000. O'Brien reported that through coordination with Solano and Modesto Irrigation Districts he has discovered that they employ similar treatment products and methods for combatting aquatic weeds and algae blooms in their canal systems.

Director Brice asked whether this was now the new reality for the District, and O'Brien informed that it probably is since reproduction and blooms are caused by spores traveling through the canal system. O'Halloran noted that Clear Lake seems to have some variability in the extent of algae blooms from year to year, and considered whether the District's system might react similarly.

Director Barth inquired on whether any mechanical treatments were employed, and O'Brien reported that mechanical treatments would not be very effective in removing algae since the spores travel throughout the system and wait for the ideal conditions to bloom. Director Vink asked if there were any pre-season cultural practices that the District could implement. O'Brien informed that weeds were being dug out before the irrigation season; however, algae is a different issue since the spores travel into the system during water diversions and throughout the canal system.

Blake Harlan questioned whether treatment could be employed at the Capay Dam, and O'Brien informed that since water is continually going in and out of the distribution system it could be an expensive ineffective effort. The most cost-effective and efficient method is to conduct spot treatment in areas where pond weed and algae blooms are found.

Don Rominger revisited his question from the public comment item, and asked why certain canals were chosen to plant permanent shrubs. O'Halloran reported that the District has been considering native vegetation planting along the canal system for the past decade to save costs on weed management along the canal system. Over the past few years, the District has been experimenting with native grasses and shrub plantings to identify alternative methods for combatting weeds. Ideally, introducing native grasses and shrubs along certain stretches of canals will allow for the District to reduce spray treatment applications and save on financial and regulatory expenses.

Jim Barrett asked if there was a policy on the type of vegetation that can be planted on the canal banks, and O'Brien informed that generally, the District plants native drought tolerant grasses. Director Brice inquired whether O'Brien and District staff would be willing to work with interested landowners in planting native vegetation in the canals. O'Brien responded that the District would absolutely appreciate and embrace the opportunity.

## **7. DIRECTORS' REPORTS**

Director Barth reported on attending the first Board of Directors meeting for the Yolo Subbasin Groundwater Agency (YSGA), where Tim O'Halloran was announced as the Executive Officer, and the YSGA elected to become the Groundwater Sustainability Agency (GSA) for the Yolo Subbasin. Director Rominger inquired of the due date for the Yolo Subbasin Groundwater Sustainability Plan (GSP), and General Manager O'Halloran reported that the GSP is due January 1, 2022.

## **8. GENERAL MANAGER'S REPORT**

General Manager O'Halloran provided reports on the following:

- a) Operations, Maintenance, and Water Conditions – The Water Conditions Report and hydrographs of real-time groundwater monitoring wells were reviewed.
- b) Financial Report Summary – Highlights from the May 31, 2017 financial statements report were reviewed and the actual FY 2017/2018 Budget was compared to the projected FY 2017/2018 Budget.
- c) General Activities – A list of outreach activities and projects both in-house and coordinating with other agencies was reviewed.
- d) The following upcoming events were announced:
  1. July 12-14: Creek Walk – Cache Creek Technical Advisory Committee, Cache Creek
  2. July 12: Water Resources Association of Yolo County (WRA) Storm Water Resources Planning Project Workshop #2, District Boardroom
  3. July 19: WRA Executive Committee Meeting, District Boardroom
  4. July 24: Solano Subbasin GSAs Coordination Meeting, Solano County Water Agency
  5. August 16: Yolo County Fair's Opening Night Gala, Yolo County Fairgrounds
  6. September 5-8: Floodplain Management Association Annual Conference, Long Beach
  7. September 10: Yolo Land Trust A Day in the Country, The Maples in Woodland
  8. September 18: WRA and Yolo Subbasin Groundwater Agency Board Meetings, Woodland Community Center

## **9. GENERAL DISCUSSION**

There was no discussion.

**10. CONSIDERATION: Payment of Bills**

M/S/C approved the following claims for payment – Yolo County Flood Control and Water Conservation District Checks #054277 – 054292.

Ayes: Directors Barth, Brice, Rominger, and Vink

Noes: None

Absent: Director Kimball

Abstain: None

**11. ADJOURNMENT**

There being no further business to come before the Board, the meeting was adjourned.

---

Erik Vink, Chair

ATTEST:

---

Tim O'Halloran, Secretary