

Yolo County Flood Control & Water Conservation District

AGENDA Board Meeting 34274 State Highway 16 Woodland, CA 95695 Tuesday, May 1, 2007 7:00 P.M.

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, then 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. Board Consideration: The Board will consider adoption of the minutes of the Regular April 3, 2007 Board Meeting.
- 7:02 2. Open forum (Limited to five minutes): Guest introductions, unscheduled appearances and opportunity for public comment on non-agenda items.
- 7:07 3. Board 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. Board Consideration: Selection of Independent Auditor for FY 2006-2007.
- 7:15 5. Board Consideration: Adoption of FY 2007-08 Budget.
- 7:30 6. Board Consideration: Resolution Supporting Water Awareness Month.
- 7:35 7. Staff Report: University and Willow Canals.
- 7:50 8. Staff Report: Indian Valley Dam Penstock.
- 8:10 8. Attorney's Report: The District's attorney will report on current legal and legislative activities.

- 8:15 10. General Manager's Report: The Board will receive a report from the General Manager or designated representatives regarding current general activities and projects of the District.
- a) General Activities
 - b) Board Workshop
 - c) Capay Dam Investigation
 - d) Operations, Maintenance and Water Conditions
- 8:30 11. General Discussion: Opportunity for Board members to ask questions for clarification, provide information to staff, request staff to report back on a matter, or direct staff to place a matter on a subsequent agenda.
- 8:35 12. Board Consideration: The Board will consider the approval and the payments of bills.
- 8:40 13. Closed Session:
- Conference with Legal Counsel Under:
 - a) Brown Act Section 54956.9 Carman vs. YCFC&WCD and Watson vs. YCFC&WCD; and
 - b) Brown Action Section 54956.9(b) significant exposure to litigation involving (1) potential case; and
 - c) Government Code Section 57957 Personnel Issue.
- 8:59 Closed Session Report
- 9:00 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 April 27, 2007.

By: _____
Christina Cobey, Administrative Assistant



Y O L O C O U N T Y
FLOOD CONTROL &
WATER CONSERVATION
DISTRICT

BOARD MEETING MINUTES
Tuesday, May 1, 2007, 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 May 1, 2007, at its regular place of business, 34274 State Highway 16, Woodland, California. Chair Scheuring convened the meeting. In attendance were:

District Board

David Scheuring, Chair
Erik Vink, Vice Chair
Ann Brice, Director
Bruce Rominger, Director
Ron Tadlock, Director

District Staff and Consultants

Tim O'Halloran, General Manager
Christy Barton, Assistant General Manager
Max Stevenson, Water Resources Associate
Margaret Kralovec, Writer/Editor
Paul Bartkiewicz, Legal Counsel
Dave Butchey, Engineering Consultant, Vibration Specialty Corporation

Members of the Public

Duane Chamberlain, Yolo County Board of Supervisors
Dave Pratt
Don Rominger, Retired YCFCWCD Director

1. MINUTES

M/S/C approved the minutes of the regular April 3, 2007, Board meeting as presented.

2. OPEN FORUM

No items.

3. BOARD CONSIDERATION: Adding Items to the Posted Agenda

The Board approved without objection to General Manager O'Halloran's request to change the agenda in order to add Directors' Reports and to accommodate the schedule of Consultant Dave Butchey, who would be offering the Board an initial report on his findings at Indian Valley Dam.

4. STAFF REPORT: Indian Valley Dam Penstock (originally Item 8)

General Manager O'Halloran introduced Dave Butchey, professional engineer with Vibration Specialty Corporation (VSC), who had been assessing the IV vibrations.

O'Halloran offered the Board an overview of the penstock structure, and a brief account of the discovery and initial response to vibrations near the penstock's butterfly valve, first detected on April 10, 2007, when releases were increased to meet irrigation demands. O'Halloran noted that even if the chances were small that this issue would pose a problem, the seriousness of some potential scenarios, however unlikely, called for immediate, professional evaluation. While the District awaited such assessment by a vibration specialist, District staff and local consultants collected as much data as possible about the vibration's location, intensity, and effect upon the penstock and its valves. The District kept water users and landowners informed about the need for vibration analysis, and the District's precautionary reductions of Indian Valley release flows.

O'Halloran noted that rainstorms and lower temperatures had suppressed recent irrigation demands for water, and announced that increasing monthly entitlements from Clear Lake beginning in May 2007 would allow the District to meet irrigation demands, even if Indian Valley release restrictions were to continue.

VSC Engineer Dave Butchey provided the Board with his initial findings from three days of assessment at Indian Valley Dam, pending further data analysis at his lab in Pennsylvania. Using data probes and a portable computer analyzer, Butchey obtained data at different flow rates that was consistent with cavitation, the phenomenon wherein water's accelerated flow past an object, such as a butterfly valve plate, slows abruptly, resulting in imploding water bubbles from increased pressure. Butchey explained that such implosions release a large amount of energy, usually in the middle of the flow, where they make considerable noise but have little long-term implications. However, if implosions occur near the surface of the flow, by the wall of the pipe or valve for example, they can pit that wall surface, which can cause damage over time. He thought that a visual inspection of the penstock and its lining at the end of the irrigation season would provide the best opportunity to check for evidence of pitting. He believed that further data analysis will allow VSC to confirm whether cavitation is the cause of the penstock vibration. Butchey stated his company would also assess the stress effects of vibrations upon the pipe and its valves, and offer recommendations based on that analysis. Vibration Specialty Corporation will continue to monitor vibration readings at Indian Valley Dam from Pennsylvania, using the SCADA system network. When data analysis is complete, VSC will

provide their analysis, conclusions, and recommendations to the District in a comprehensive report.

Butchey and O'Halloran responded to questions from the Board and the public. Both agreed that while a switch from a butterfly valve to a gate valve might be a good solution if the cause is cavitation, the narrowness of the tunnel through which the penstock runs would preclude this option. O'Halloran noted his concern that should there be a pipe or valve failure as a result of the vibration, access to the tunnel or remote control of valves may be an impossibility. The intake structure on the reservoir side of the dam may offer a water shut-off opportunity that has not been explored, and O'Halloran suggested that divers may be used to investigate this option. O'Halloran concluded that though this vibration situation presented an unexpected concern for the District over the past month, it provided an excellent problem-solving drill for staff, and highlighted some deficiencies and unknown factors that can now be addressed.

5. BOARD CONSIDERATION: Selection of Independent Auditor for FY 2006-07

(originally Item 4)

The Board considered the two proposals submitted to the District in response to a Request for Proposal solicitation by the District. Vice Chair Vink reported that the Finance Committee had reviewed the proposals, and made a recommendation to accept the proposal from Mann, Urrutia, Nelson, CPAs.

07.19 M/S/C acceptance of the proposal from Mann, Urrutia, Nelson, CPAs to be the District's Independent Auditor for FY 2006-07.

6. BOARD CONSIDERATION: Adoption of FY 2007-08 Budget (originally Item 5)

General Manager O'Halloran provided the Board an overview of the proposed 2007-08 Budget, including the Operating Budget and the Capital Improvement Budget, and the process of its review by staff and the Finance Committee. The proposal offers a balanced budget reflecting revenues based on new water rates, grants, and interest; operating expenses, which include depreciation; and capital improvement expenses covering contingency and capital improvement funding.

O'Halloran indicated that he uses the budget for purposes of both planning and financial control. This proposed budget reflects a 2.2% increase from the prior year. He presented a PowerPoint overview of the budget sections, with particular attention on the development of Capital Improvement figures.

07.20 M/S/C adoption of proposed FY 2007-08 Budget as submitted.

7. BOARD CONSIDERATION: Resolution Supporting Water Awareness Month

(originally Item 6)

Assistant Manager Christy Barton reviewed District activities for Water Awareness Month during the month of May, 2007.

07.21 M/S/C adoption of Resolution 07.03 of the Board of Directors of the Yolo County Flood Control and Water Conservation District Supporting the Education of Citizens Regarding California's Complex Water Issues.

8. STAFF REPORT: University and Willow Canals (originally Item 7)

General Manager O'Halloran described the current concerns about the University Canal and the Willow Canal, both on UC Davis property, and through which the District runs water. Concerns about the condition and maintenance of the canals, Putah Creek, and the surrounding land, coupled with the recent breach on Willow Canal, have led to discussions among UC Davis, the District, and Glide Ranch about possible alternatives to the existing ownership, management, and maintenance of canal areas. Several site management options under discussion could offer habitat opportunities, as well. O'Halloran has met on-site with UC Davis Putah Creek Manager Andrew Fulks, UC Davis Director of Environmental Planning Sid England, and Putah Creek Streamkeeper Rich Marovich. He requested that the Board join him in a tour of the canals to develop a better understanding of canal issues, concerns, and possible alternatives. The upcoming Board Retreat has been changed into such a tour, scheduled for May 8, and will be held as a publicly-noticed Special Board Meeting.

9. DIRECTORS' REPORTS (added agenda item)

Vice Chair Vink reported that Northern California Water Association's selection process for a new executive director is expected to be completed in mid-July.

Director Brice reported that more than 600 pieces of art were submitted and reviewed for the Water Awareness Month Poster Contest. The winner will be presented at the Yolo County Board of Supervisors Meeting scheduled for May 22, 2007.

Chair Scheuring reported that the Water Resources Association of Yolo County has readied paper copies and CDs of the Integrated Regional Water Management Plan for distribution to its member agencies for their final approval. He hoped that the document could be addressed at the next Board meeting.

Chair Scheuring reported that he and General Manager O'Halloran took Marshall McKay, chairman of the Rumsey Band of Wintun Indians, on an informative helicopter tour of the District facilities. Scheuring noted that this tour represented an excellent opportunity to familiarize Chairman McKay with the District and its operations, in an on-going effort to support an effective partnership between the Rumsey Band of Wintun Indians and the District.

10. ATTORNEY'S REPORT (originally Item 9)

District Legal Counsel Bartkiewicz reported that SB 59, the Governor's Strategic Growth Plan for Water Management is unlikely at this time to be passed through legislative process, and may instead proceed through the initiative process.

11. GENERAL MANAGER'S REPORT: (originally Item 10)

General Activities

O'Halloran noted that most recent District activities were covered in Item 4, the update on the

vibration assessment at the Indian Valley penstock. He noted that it was a busy month, and his staff had been extremely diligent in meeting the District challenges. O'Halloran was particularly grateful to Max Stevenson for locating vibration experts at the Vibration Specialty Corporation.

Capay Dam

Preliminary information from the Capay Dam structural inspection report indicates that the apron at Capay Dam will need to be replaced.

Flood Management Program

The District is working with the City of Woodland and the County of Yolo to finalize the pilot Program MOU.

Operations, Maintenance and Water Conditions

O'Halloran mentioned that the recent rainstorms had helped farmers and the District through recent irrigation release restrictions. He noted that rice was being irrigated, and that some alfalfa fields were in their second cutting.

12. GENERAL DISCUSSION:

Assistant General Manager Christy Barton noted that the Water Conservation and Stewardship Award luncheon was being planned.

13. BOARD CONSIDERATION: Payment of Bills

07.22 M/S/C approval for the following claim(s) for payment:

Yolo Flood Control Checks: #38454 - #38471

11. CLOSED SESSION:

The regular meeting was adjourned to Closed Session under Brown Act Section 54956.9(a) Carman vs. YCFC&WCD and Watson vs. YCFC&WCD, Brown Action Section 54956.9(b), and Government Code Section 57957 Personnel Issue.

Persons present other than the Board were General Manager O'Halloran, Assistant General Manager Barton and Attorney Bartkiewicz.

12. CLOSED SESSION REPORT

The Chairman announced that during the closed session the Board discussed the performance evaluation of the General Manager and conferred with the General Manager compensation negotiation committee, but took no action.

After returning to Open Session, the Board took the following action:

07.23 M/S/C approval of (1) an increase in salary of the General Manager effective January 1, 2007; (2) an extension of the term of the General Manager's employment agreement with the District through April 30, 2009; (3) reimbursement of the General Manager's vehicle expenses from January 1, 2004 to the present in accordance with the provisions of the May 3, 2003 employment

agreement with the District (and thereafter under the terms of the extended employment agreement); and (4) delegation of authority to the Board's personnel committee to approve the form of the employment agreement between the General Manager and the District.

13. ADJOURN:

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

David Scheuring, Chair

ATTEST:

Tim O'Halloran, Secretary