

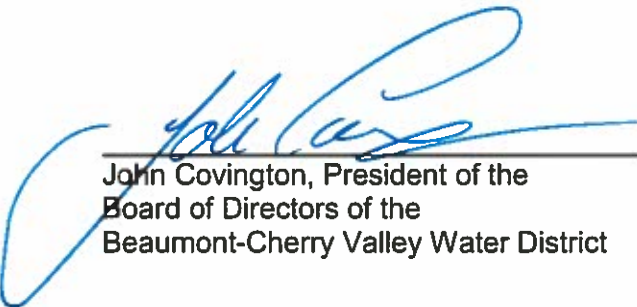


**CALL OF SPECIAL MEETING
OF THE BEAUMONT-CHERRY VALLEY WATER DISTRICT
BOARD OF DIRECTORS**

The undersigned, John Covington, President of the Beaumont-Cherry Valley Water District, hereby calls a Special Meeting of the Board of Directors to be held Thursday, May 3, 2018 at 4:30 p.m. at the District's Administrative Offices located at 560 Magnolia Avenue, Beaumont, California 92223.

The agenda for said meeting is attached.

Dated: Thursday, April 26, 2018



John Covington, President of the
Board of Directors of the
Beaumont-Cherry Valley Water District



SPECIAL MEETING NOTICE

**Special Meeting of the
Board of Directors of the
Beaumont-Cherry Valley Water District
Scheduled for Thursday, May 3, 2018 at 4:30 p.m.**

NOTICE IS HEREBY GIVEN that a Special Meeting of the Board of Directors of the Beaumont-Cherry Valley Water District has been scheduled for Thursday, May 3, 2018 at 4:30 p.m., at 560 Magnolia Ave., Beaumont, CA 92223.

The agenda for this meeting will be posted no later than 4:29 p.m. on Wednesday, May 2, 2018.

Respectfully,

Dan Jagers
General Manager



**BEAUMONT-CHERRY VALLEY WATER DISTRICT
SPECIAL MEETING AGENDA
BOARD OF DIRECTORS
560 Magnolia Avenue, Beaumont, CA 92223
Thursday, May 3, 2018 - 4:30 p.m.**

Call to Order, President Covington

Roll Call

Public Comment

PUBLIC COMMENT: At this time, any person may address the Board of Directors on matters within its jurisdiction which are not on the agenda. However, any non-agenda matters that require action will be referred to Staff for a report and possible action at a subsequent meeting. To provide comments on specific agenda items, please complete a speaker's request form and provide the completed form to the Board Secretary prior to the Board meeting. Please limit your comments to three minutes. Sharing or passing time to another speaker is not permitted.

ACTION ITEMS

- 1. Consideration of Ratification of the General Manager's Declaration of a District Emergency regarding Necessary Immediate Repairs to Well 3 and Well 29**
- 2. General Manager's Report**
- 3. Adjournment**

AVAILABILITY OF AGENDA MATERIALS - Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the Beaumont-Cherry Valley Water District Board of Directors in connection with a matter subject to discussion or consideration at an open meeting of the Board of Directors are available for public inspection in the District's office, at 560 Magnolia Avenue, Beaumont, California ("District Office"). If such writings are distributed to members of the Board less than 72 hours prior to the meeting, they will be available from the District Office at the same time as they are distributed to Board Members, except that if such writings are distributed one hour prior to, or during the meeting, they can be made available from the District Office in the Board Room of the District's Office.

REVISIONS TO THE AGENDA -In accordance with §54954.2(a) of the Government Code (Brown Act), revisions to this Agenda may be made up to 72 hours before the Board Meeting, if necessary, after mailings are completed. Interested persons wishing to receive a copy of the set Agenda may pick one up at the District's Main Office, located at 560 Magnolia Avenue, Beaumont, California, up to 72 hours prior to the Board Meeting.

REQUIREMENTS RE: DISABLED ACCESS - In accordance with §54954.2(a), requests for a disability related modification or accommodation, including auxiliary aids or services, in order to attend or participate in a meeting, should be made to the District Office, at least 48 hours in advance of the meeting to ensure availability of the requested service or accommodation. The District Office may be contacted by telephone at (951) 845-9581, email at info@bcvwd.org or in writing at the Beaumont-Cherry Valley Water District, 560 Magnolia Avenue, Beaumont, California 92223.

**CERTIFICATION OF POSTING
SPECIAL MEETING**

I certify that on or before May 2, 2018, a copy of the foregoing notice was posted near the regular meeting place of the Board of Directors of Beaumont-Cherry Valley Water District and to its website at least 24 hours in advance of the meeting (Government Code §54956(a)).



Yolanda Rodriguez
Director of Finance and Administration



**Beaumont-Cherry Valley Water District
Special Board Meeting
May 3, 2018**

Item 1

STAFF REPORT

TO: Board of Directors
FROM: Dan Jagers, General Manager
SUBJECT: **Consideration of Ratification of the General Manager's Declaration of a District Emergency regarding Necessary Immediate Repairs to Well 29 and Well 3**

Staff Recommendation

Ratify the General Manager's Declaration on Monday, April 23, 2018 of a District Emergency to address the necessary immediate repairs to Well 3 and Well 29 in accordance with the District's Policy and Procedures.

Background

On Monday, April 23, 2018, District production staff observed a reduction in the pumping capacity of Well 29, from a normal historic pumping capacity of 3,900 gpm down to 3,000 gpm. In addition to the reduced flow, staff noticed the Well 29 electric motor appeared to be experiencing excessive vibration (i.e. higher than normal). Staff subsequently performed vibration testing and determined that a significant increase in vibration was present and that the measured vibration was much greater than the industry normal maximum accepted vibration. District Staff therefore shut the pumping unit down and identified Well 29 as "Out of Service" and in need of repair.

District Management Staff further identified that Well 29 being out of service constitutes an "Emergency Condition" for the District for Well 29 (as well as Well 3) due to the following issues:

1. Well 29 is the primary source of supply for the District's lowest three pressure zones.
2. District demands increase as summer approaches and temperatures rise. This fact coupled with multiple wells being out of service as described hereafter create the condition of emergency that requires the repair of Well 29 and the immediate completion of repairs to Well 3.

District is currently in the process of completing repairs to Well 3 which is located in the Beaumont Basin and historically has a pumping capacity of approximately 1,400 gpm. Well 3 has been out of service since 2015 due to Chromium VI levels above the recently repealed Maximum Contaminant Level (MCL) for Chromium VI and also due to recently identified issues with faulty wiring and a faulty starter.

3. District is also currently commencing repairs to Well 26 which is located in the Beaumont Basin and historically has a pumping capacity of up to 1,650 gpm to the 2750 domestic water pressure zone and 1,350 gpm to the 2800 non-potable water system pressure zone.

Anticipated increase in water demand at the same time that multiple wells are down for repair constitutes a District Emergency.



The District's Policies and Procedures Manual, Part III, Sections 1B, 1E and 1F provide procedures to address emergencies, including water supply:

B. Emergency. Emergency means the actual or threatened existence of conditions of disaster or of extreme peril to the provision of critical District functions and the health and safety of staff or the public, caused by such conditions as fire, severe storm, riot, hazardous materials releases, earthquake, power outages, dam failures, freezes, water supply contamination, and other conditions which may be beyond the capability of the services, personnel, equipment, and facilities of this District, and may require the combined forces of other political subdivisions to help respond.

E. District Emergency Declaration. When an emergency condition arises, the General Manager may, in consultation with the Board President, declare a "District Emergency." The Board must ratify the declaration within fourteen (14) days at a regular, special or emergency Board meeting.

F. Authorization during District Emergencies. The General Manager's Declaration of a District Emergency is a public acknowledgement of the serious situation the District faces, and that the District's resources may not be adequate to respond to the emergency. The Board of Directors, in consultation with the General Manager, may delegate to the General Manager the authority to suspend competitive bidding and enter into emergency contracts of up to \$250,000, as authorized by Public Contract Code §20567 and §22050.

Based upon the facts stated above, and in accordance with the District's Policy and Procedures Manual, it is necessary for the Board to ratify the General Manager's Declaration of a District Emergency to address the necessary immediate repairs to Well 3 and Well 29.

Well 29 Background

Well 29 consists of an 800 horsepower vertical turbine pumping unit including approximately 480 feet of column tube and shaft. The intake of the pumping unit is located approximately 510' below ground surface. Excessive vibration coupled with a reduction in flow in this type of pumping unit generally indicates a failure has occurred in the pumping unit.

Well 29 is located on Cherry Valley Blvd. approximately one mile east of I-10 in the unincorporated community of Cherry Valley and in accordance with Figure 1 Well 29 and Well 3 Location Map, hereafter. Well 29 was purchased by the District from the Sunny-Cal Egg Ranch in the early 2000s, and subsequently rehabilitated. It was outfitted with a new building and pumping equipment in 2006. Well 29 was originally drilled to a depth of 1,070 feet, well construction consists of approximately 520 feet of louvered casing and 550 feet of blank casing. The well is equipped with an 800 HP electric driven motor, and has a pumping capacity of approximately 3,900 gpm. Well 29 is the primary source of water for the District's 2650, 2520, and 2370 Pressure Zones.

District Staff contacted four local well repair Contractors:

1. Legend Pump & Well Service
2. Layne Christensen Company
3. Tri County Pump
4. Southwest Pump & Drilling



Of the four contractors contacted, only Legend Pump and Layne Christensen Company could start work as soon as the following day; the other two were a week or longer away from mobilizing.

Staff identified that Legend Pump & Well Service had been the lowest responsive bidder on the District's last three well projects. District Staff also confirmed with Legend Pump & Well Service that work related to removal of Well 29 would not adversely impact the work schedule related to Well 26 repair and rehabilitation which was recently awarded by the Board of Directors to Legend Pump & Well Service. Finally, Legend Pump & Well Service has installed Well 11 and Well 20 at this time, and anticipates installing Well 12 and 19 within the next two weeks.

Based upon these facts and after consultation with the Board President, the General Manager awarded the work to Legend Pump & Well Services for immediate repair of Well 29.

Work related to repair of Well 29 is anticipated to take between three to four weeks from today to acquire materials related to Well 29's repair. District staff will provide a more detailed report at the May 3 special board meeting related to schedule and anticipated cost related to these activities. A general list of work that needs to be completed to return this well to service includes the following necessary and possible optional work:

Necessary Work:

1. 800 horsepower motor removal and motor delivery to Brithinee
2. 800 horsepower motor refurbishment (Brithinee)
3. Column, tube and shaft and pumping unit removal
4. Pump disassembly
5. Well 29 preliminary video (scheduled for Friday May 4, 2018)
6. Discharge head refurbishment
7. Column, tube and shaft assessment and refurbishment (new couplings, etc.)
8. Added column tube and shaft (100 linear feet of CTS) necessary to provide additional pumping unit submergence due to existing water levels within Well 29
9. New suction strainer (existing strainer damaged)
10. New Pumping Unit bow assembly (existing pumping unit is not rebuildable)
11. Re-installation of pumping unit
12. Installation of existing and new well pump and column tube and shaft
13. Installation of Discharge Head and setting of motor
14. Pumping unit startup
15. Assistance with BCVWD for well disinfection

Possible Optional Work:

1. Brush and bail well screen and blank
2. Mechanically develop well
3. Bail well clean
4. Chemically rehabilitate well

As part of the emergency proceedings and with Well 29 expected to be offline for approximately one month, the General Manager deemed it imperative to supplement the District's capacity to assure full service to its customers. Therefore, it was also necessary to make immediate repairs to Well 3 to return it to full active service and restore capacity in the 2750 zone.



Well 3 repairs may constitute emergency repairs due to possible purchasing policy limitation, and for transparency, staff has added said work as part of the emergency action. This repair activity is further explained below.

Well 3 Background

Well 3 consists of a 400 horsepower vertical turbine pumping unit including approximately 480 feet of column tube and shaft. The intake of the pumping unit is located approximately 570' below ground surface.

Well 3 is located on Michigan Avenue, approximately 520 feet south of 12th Street in the City of Beaumont and in accordance with Figure 1 Well 29 and Well 3 Location Map. Well 3 was constructed in approximately 1952 and was originally drilled to a depth of 812 feet. Well 3 is a source of water for the District's 2750 Pressure Zone.

Well 3 was recently slated to return to service after wiring and motor repairs were made in late February of this year. After said repairs, and upon initial start-up of Well 3, staff found damaged contactors in the electrical cabinet. In following the District's current purchasing policy, staff solicited informal quotes to rebuild or replace the contactors and thermal overloads at Well 3. Due to the old equipment and the desire of staff to obtain warranty work on the contactors, the District has only been able to obtain two informal quotes for this work as follows:

Quote No. 1: West Coast Electrical for Well 3 repairs is \$5,200.00, which includes all material, labor and equipment to complete the removal of two (2) motor starters, re-build and testing of motors, and re-installation of the motor starter.

Quote No. 2: Legend Pump & Well Service for Well 3 repairs is \$6,863.10, which includes Labor cost of \$1,408.00 and material cost of \$5,455.10 for the same work listed under Quote No. 1.

Based upon only obtaining two quotes and the price of the lowest responsible bidder being slightly above the District's purchasing policy limit of \$5,000, Staff opted to present this item to the Board as part of the Emergency Action for clarity and transparency.

Subsequent to the General Manager's declaration of the Emergency Action, work related to replacement of the contactors and thermal overloads was awarded to West Coast Electrical (the lowest responsive bidder). West Coast Electrical at this time has installed the replacement contactors and thermal overloads and the District is waiting for the well flowmeter calibration to be completed which should be finished by May 4, 2018. District Staff anticipates commencing flushing, disinfection and sampling of the source water from the well next week and also returning the associated necessary discharge point (the City Tank, located at 12th and Palm) to service.

The City Tank acts as a storage tank for Well 3 which is subsequently boosted to the 2750 Zone. The City Tank requires disinfection and sampling before returning Well 3 to service.

Based upon the facts stated above, and in accordance with the District's Policy and Procedures Manual, it is necessary for the Board of Directors to ratify the General Manager's Declaration on Monday, April 23, 2018 of a District Emergency to address the necessary immediate repairs to Well 3 and Well 29.



Fiscal Impact

The fiscal impact to the District is still being compiled and Staff will present an update at the May 3, 2018 Special Board Meeting or at the May 9, 2018 regular Board Meeting.

Funds are available from the Capital Replacement Reserve for completion of this work.

Report prepared by Dan Jagers, General Manager & Tony Lara, Director of Operations

FIGURE 1
WELL 29 AND WELL 3 LOCATION MAP

