

**MINUTES OF THE REGULAR MEETING  
OF THE ENGINEERING COMMITTEE  
OF THE MONTE VISTA WATER DISTRICT  
BOARD OF DIRECTORS**

**January 11, 2022**

**DIRECTORS PRESENT**

Tony Lopez, Director – Chair  
Philip Erwin, Director

**DIRECTORS ABSENT**

None.

**STAFF PRESENT**

Justin Scott-Coe, General Manager  
Stephanie Reimer, Assistant General Manager/Chief Financial Officer  
Bill Schwartz, Director of Engineering, Operations & Maintenance  
John Hughes, Water Systems Superintendent

**OTHERS IN ATTENDANCE**

None.

**ITEM 1: CALL TO ORDER**

{{click to select name}} called the meeting to order at 4:30 p.m.

**ROLL CALL**

General Manager Scott-Coe stated that the Engineering Committee (Committee) of the Board of Directors (Board) of the Monte Vista Water District (District) meeting will be conducted consistent with the provisions in Government Code section 54953(e)(2). Each Committee member confirmed their attendance and ability to hear the proceedings. Other attendees confirmed they could hear each Committee member. The Committee members and staff were reminded that any votes taken during the teleconference portion of the meeting must be taken by roll call vote. General Manager Scott-Coe provided brief instructions on appropriate conduct during the meeting.

**ITEM 2: PUBLIC COMMENT**

None.

**ITEM 3: AGENDA CHANGES/ADDITIONS**

None.

**ITEM 4: DISCUSSION AND/OR ACTION ITEMS**

**A. Meeting Minutes: December 8, 2021**

Upon motion by Director Erwin, seconded by Director Lopez, and unanimously carried:

**M22-01-01**

**MOVED:** Approve the December 8, 2021, Engineering Committee minutes, as by roll call vote:

Director Lopez	aye
Director Erwin	aye

**B. Well 19 Sand Intrusion Investigation/Pump Repair Project**

Water Systems Superintendent John Hughes explained to the Committee that Well 19, due to high sand production, Well 19 was removed from service in March 2021. On April 19, 2021, the District entered into an agreement with General Pump Company, Inc. (GPC) to complete the Well 19 Sand Intrusion Investigation/Pump Repair Project. Phase One of the Project was the investigative portion for a not-to-exceed price of \$300,000. Staff intended on coming back to the Board for a budget amendment for Phase Two once the required repairs were identified to return Well 19 back to service.

Through test pumping and dynamic video, GPC was able to identify the location of the sand intrusion, and staff developed a plan to mitigate the sand. To confirm their findings, GPC pulled the test pump and made modifications to the pump by installing a packer below the pump suction which would seal off the lower section of perforations that were producing sand. A Variable Frequency Drive (VFD) allowed control of the pump’s speed to avoid damage to the well upon startup. Staff was successful in operating the pump at 1,300 gpm without producing sand; however, the produced water exceeded the regulatory requirements for nitrates and 1,2,3-Trichloropropane.

Due to the potential severe restrictions on imported water supply beginning as early as May of 2022, District staff has determined that emergency conditions exist, requiring expedited development of additional local water supplies. The general manager approved Contract Change Order 1 (CO) with GPC for \$335,360 for a new total contract not-to-exceed amount of \$635,360. The CO will cover the equipment purchase and labor to install a new water flush pump assembly, sand separator, and a VFD panel. By taking this action, the District is anticipating to have Well 19 back in service by April 2022 to help mitigate the potential loss or severe limitation of imported water supplies.

Discussion ensued.

Upon motion by Director Erwin, seconded by Director Lopez, and unanimously carried:

**M22-01-02**

**MOVED:** Recommend that the Board of Directors 1) ratify the general manager’s actions to approve Contract Change Order 1 with General Pump Company, Inc. for a not-to-exceed amount of \$335,360 to install a new water flush pump assembly, sand separator, and variable frequency drive; 2) amend the Fiscal Year Ending 2022 Amended Budget for the Well 19 Sand Intrusion Investigation/Pump Repair Project by \$50,000 from \$625,000 to \$675,000; and 3) approve the transfer of \$50,000 from reserves into Capital Outlay Project EN2021-03, as by roll call vote:

Director Lopez	aye
Director Erwin	aye

**C. Reservoir 4 Repair and Recoating Project**

Water Systems Superintendent John Hughes explained to the Committee that in Fiscal Year Ending 2020 the Board established Capital Improvement Project EN2020-01 – Reservoir Repair & Recoating in the amount of \$825,000. The project was initiated to address the repair and recoating needs for Reservoirs 4, 5, 18-2, and 18-3. Reservoir 18-3 required substantial rehabilitation and was completed for \$566,275. The Board approved a budget amendment in March 2021, bringing the total budget to \$963,000.

Reservoir 4, constructed in 1984, is a 1.67 million gallon steel welded tank that is a primary source that provides storage and water for the fire protection and distribution for Pressure Zone 2. On March 16, 2021, the District entered into an agreement with Superior Tank Solutions, Inc. to make modifications to the reservoir to achieve Occupational Safety and Health compliance and to recoat the interior coating to extend the life of the asset. The project start date was pushed back to November 22, 2021, due to conflicts with the I-10 Freeway Widening Project.

On December 14, 2021, the District was notified that the center vent rafters and supports were corroded to the point that it would require the supports to be cut back and the center support removed and replaced with a new fabricated halo ring and support system. In order to keep the project on schedule, the general manager approved Contract Change Order 1 for the not-to-exceed amount of \$22,800, bringing the total contract to \$419,525. The revised project total includes a 12% contingency.

Finally, Mr. Hughes presented staff's recommendation to close project EN2020-01 to segregate the repair and recoating of Reservoir 18-3 from other proposed repair and recoating projects, and to establish a new capital improvement project to complete the necessary repairs and recoating at Reservoir 4 and transfer the remaining unspent budget from EN2020-01 to the new project.

Discussion ensued.

Upon motion by Director Erwin, seconded by Director Lopez, and unanimously carried:

**M22-01-03**

**MOVED:** Recommend that the Board of Directors 1) establish Capital Improvement Project EN2022-06 – Reservoir 4 Repair and Recoating; 2) close Capital Improvement Project EN2020-01 – Reservoir Repair & Recoating, transferring the balance of \$396,725 in unexpended funds to EN2022-06; 3) ratify the general manager's approval of Contract Change Order 1 with Superior Tank Solutions, Inc. for a not-to-exceed amount of \$22,800 to make the necessary repairs to the center vent rafters and support system; and 4) approve the transfer of \$78,275 from reserves into Capital Outlay Project EN2022-06 for a total project budget of \$475,000, as by roll call vote:

Director Lopez	aye
Director Erwin	aye

**ITEM 5: ENGINEER'S REPORT**

Director of Engineering, Operations, & Maintenance Bill Schwartz provided his Engineer's Report to the Committee.

**ITEM 6: ADJOURNMENT**

Upon motion by Director Erwin, seconded by Director Lopez, and unanimously carried:

**M22-01-04**

**MOVED:** Adjourn the meeting, as by roll call vote:

Director Lopez	aye
Director Erwin	aye

There being no further business, Director Lopez adjourned the meeting at 5:01 p.m.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Justin M. Scott-Coe", written over a diagonal line that extends from the top left towards the bottom right.

Justin M. Scott-Coe  
General Manager/Secretary