



EMERGENCY AGENDA ITEM  
ADDED AT START OF  
2/28/17 BOARD Mtg  
AS Item #25A

## BOARD ACTION

### BOARD OF DIRECTORS

February 28, 2017

### SUBJECT

DISCUSSION AND POSSIBLE ACTION TO APPROVE RESOLUTION NO. 17-10, FINDING OF PUBLIC HEALTH AND SAFETY EMERGENCY AND APPROVING REPLACEMENT OF THE MOOSA CREST PIPELINE

### BACKGROUND

The Moosa Crest pipeline is a 16-inch water transmission pipeline that was originally installed in 1960 and runs north to south perpendicular to Camino Del Rey. The pipeline daylights just north of Camino Del Rey and traverses across Moosa Creek on two pipe supports. The previous rains undermined one of the supports and the support failed see attached picture. During last night's rains, Moosa Creek significantly increased in flow and tree debris compromised the pipe. The Operator on standby duty noticed a spike in flow just after 3am on our supervisory control and data acquisition (SCADA) system which signifies a leak in the system. It was determined that the Moosa Crest Line was the cause of the spike and after isolating the pipe the flow returned to normal. Attached is the SCADA trend from last night. The local vineyard recorded 3-inches of rain in the area for the last 12 hours. The pipe is currently submerged under Moosa Creek. See attached picture.

### DESCRIPTION

Pursuant to the State California Environmental Quality Act (CEQA), projects are exempt from CEQA if the project is considered an emergency and repair is necessary to maintain service essential to public health, safety or welfare.

The Moosa Crest pipeline is a vital transmission main to the District's Morro and South Zone. It is used to move water from the aqueduct connection #3 to the Morro Zone and serve parts of the South Zone. This pipeline is one of the main transmission mains in the area and is crucial during the San Diego County Water Authority (SDCWA) aqueduct shutdown, which was just completed. Temporary emergency pumps are typically set up just south of this location every year to move water during the shutdown and keep customers in service. Failure to this pipeline would disrupt water service to customers in the area and affect normal operations of moving water from zone to zone. With the Moosa Crest line out of service, System Operations must rely on another transmission main to move water from zone to zone.

District staff believes the situation is critical as to constitute an emergency situation and request the Board approve Resolution 17-10 which will streamline replacement of the Moosa Crest Line.

### POLICY/STRATEGIC PLAN KEY FOCUS AREA

Section 1.04 Emergency Authority: The General Manager is hereby authorized to take immediate action and award contracts not exceeding \$250,000 and take actions to repair or replace a public facility and directly related immediate actions required, when in his opinion, an unforeseen event has resulted in an emergency as defined by Public Contract Code §1102, without seeking competitive bids.

State CEQA Guidelines Statutory Exemptions Sec 21080(b)(4); 152169 Emergency Projects (b)  
Emergency repairs to publicly or privately owned service facilities necessary to maintain service essential  
to the public health, safety or welfare.

### **BOARD OPTIONS/FISCAL IMPACTS**


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1. Approve Resolution 17-10, finding the Moosa Crest Pipeline replacement project and emergency so the General Manager can proceed with replacement of the pipeline per Section 1.04 Emergency Authority and increase emergency authority to a not to exceed amount of \$500,000.
2. Approve Resolution 17-10 finding the Moosa Crest Pipeline replacement project and emergency so the General Manager can proceed with replacement of the pipeline per Section 1.04. If project costs go above \$250,000 the General Manager will go back to the board for approval.
3. Do not approve Resolution 17-10, District must issue an RFP for design replacement and competitively bid the replacement, delaying the repair of the Moosa Crest Pipeline.

### **STAFF RECOMMENDATION**

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Staff recommends Option 1.



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Sherry Kirkpatrick  
Engineering Manager

02/28/2017

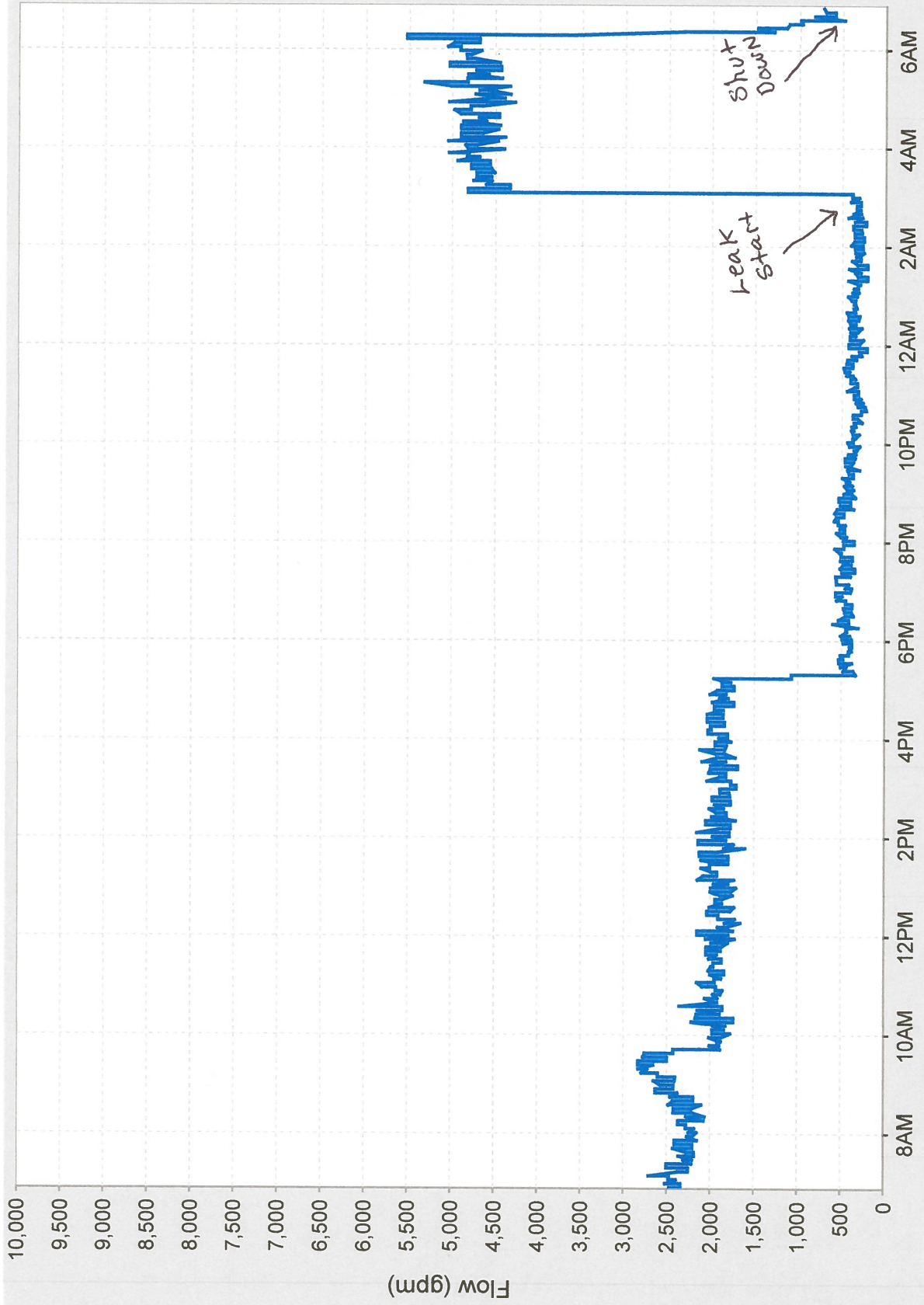




Camino Del Rey Road

Pipe Support Failure





[ Feb 27-28, 2017 ]



Approximate location of 16-inch Moosa Crest Line





**RESOLUTION NO. 17-10**

**RESOLUTION OF THE BOARD OF DIRECTORS  
OF RAINBOW MUNICIPAL WATER DISTRICT  
FINDING EXISTENCE OF PUBLIC HEALTH AND SAFETY EMERGENCY AND  
APPROVING REPLACEMENT OF MOOSA CREST WATER LINE**

**WHEREAS**, the Board of Directors of the Rainbow Municipal Water District ("District") finds that District staff have presented evidence that on February 28, 2017 the Moosa Crest Line failed across the Moosa Creek resulting in the loss of substantial amounts of water and the loss of water service to District customers, leaving them without a supply of clean, safe drinking water or sufficient water pressure for fire protection purposes; and

**WHEREAS**, the loss of Moosa Crest Line eliminates the transmission main that conveys water from the Aqueduct Connection #3 to the South and Morro Zones, leaving the service areas susceptible to future long-term periods where the District would be unable to provide water service to many District customers for extended periods, leaving them without a supply of clean, safe drinking water or sufficient water pressure for fire protection purposes; and

**WHEREAS**, because increased flows through the Line Q-3 (the other transmission pipeline) increases its probability for failure, which would overburden other District infrastructure, potentially resulting in cascading failures throughout the water system; and

**WHEREAS**, the Board finds the loss of the Moosa Crest Line poses a significant, imminent and increasing threat to public health and safety requiring emergency actions to replace a portions of the Moosa Crest Line; and

**WHEREAS**, the severity of the loss of the Moosa Crest Line has and will continue to result in a debilitating loss of the District's ability to provide reliable water service and poses a clear and imminent danger to the residents of the District requiring immediate action to mitigate, and prevent further, loss or impairment of life, health, safety, and essential public services, thus constituting an emergency under both Public Contract Code Section 1102 and Public Resources Code Section 21060.3; and

**WHEREAS**, the Board finds, based on the substantial evidence presented to it, that the failure of the Moosa Crest Line was a sudden and unexpected happening, requiring immediate action, thus also constituting an emergency under Ordinance No. 95-1 and

**WHEREAS**, the Board finds, based on the substantial evidence presented to it, that the expenditure required to mitigate the emergency will be for the purpose of replacing the Moosa Crest Line to the same or similar level of service existing before the emergency;

**NOW, THEREFORE, IT IS HEREBY RESOLVED, DETERMINED AND ORDERED** by the Board of Directors of Rainbow Municipal Water District that:

1. The foregoing recitals and findings are true and correct.
2. The repair or replacement of the Moosa Crest Line is necessary to mitigate the emergency situation currently faced by the District, and its residents, and is hereby authorized and approved.
3. The Board hereby authorizes and directs the District's General Manager, or his designee, to procure any design, required materials, equipment and labor required in connection with the Project, and that he may secure financing and incur indebtedness not to exceed \$500,000 on behalf of the District required to procure such equipment and labor, on such terms and conditions as he may find acceptable.
4. The Board hereby authorizes and directs the District's General Manager, in the name and on behalf of the District, to do any and all matters and to execute and deliver any and all documents which he or she may deem necessary and advisable to effectuate the Project. Such actions heretofore taken by the District's General Manager, are hereby ratified, confirmed and approved

**PASSED AND ADOPTED** at a regular meeting of the Board of Directors of Rainbow Municipal Water District held on the 28th day of February, 2017 by the following vote, to wit:

**AYES:**  
**NOES:**  
**ABSENT:**  
**ABSTAIN:**

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Helene Brazier, Board President

**ATTEST:**

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Dawn Washburn, Board Secretary