



# **moulton niguel** water district

**TECHNICAL COMMITTEE MEETING  
MOULTON NIGUEL WATER DISTRICT  
BOARD OF DIRECTORS**

**26880 Aliso Viejo Pkwy, Suite 150, Aliso Viejo**

**February 1, 2021**

**7:30 AM**

**Approximate Meeting Time: 1 Hour**

**IN AN EFFORT TO PREVENT THE SPREAD OF COVID-19 (CORONAVIRUS), AND  
IN ACCORDANCE WITH THE GOVERNOR'S EXECUTIVE ORDER N-29-20,  
THERE WILL BE NO PUBLIC LOCATION FOR THE PUBLIC TO ATTEND THIS  
BOARD MEETING IN PERSON. MEMBERS OF THE PUBLIC MAY LISTEN AND  
PROVIDE PUBLIC COMMENT TELEPHONICALLY BY CALLING THE  
FOLLOWING NUMBER:**

**DIAL: 1-669-900-9128**

**MEETING ID: 942-941-7034#**

**PASSCODE: 26161#**

1. CALL MEETING TO ORDER
2. APPROVE THE MINUTES OF THE JANUARY 4, 2021 TECHNICAL COMMITTEE MEETING
3. PUBLIC COMMENTS  
*As permitted under the Brown Act, and in order to provide an equal opportunity for members of the public to provide comment without everyone talking over one another, the Board of Directors will receive all public comments, on items on or off the agenda, during the Public Comment portion of this meeting. Comments are limited to five minutes unless further time is granted by the Presiding Officer.*

## **DISCUSSION ITEMS**

4. La Paz Creek Vegetation Management Contingency
5. Vehicle Replacement – Hydro Excavator Truck

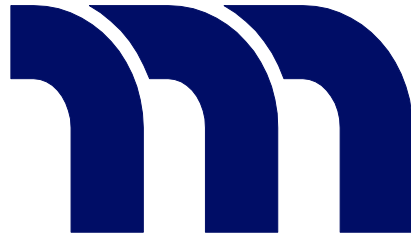
## **INFORMATION ITEMS**

6. Eastern Transmission Main Condition Assessment Update

## **ADJOURNMENT**

The Board of Directors' Meeting Room is wheelchair accessible. If you require any special disability related accommodations (i.e., access to an amplified sound system, etc.), please contact the Moulton Niguel Water District Secretary's office at (949) 831-2500 at least forty-eight (48) hours prior to the scheduled meeting. This agenda can be obtained in alternate format upon written request to the Moulton Niguel Water District Secretary at least forty-eight (48) hours prior to the scheduled meeting.

Agenda exhibits and other writings that are disclosable public records distributed to all, or a majority of, the members of the Moulton Niguel 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 at the District Office, 26880 Aliso Viejo Parkway, Suite 150, Aliso Viejo, CA ("District Office"). If such writings are distributed to members of the Board less than seventy-two (72) hours prior to the meeting, they will be available in the reception area of the District Office at the same time as they are distributed except that, if such writings are distributed immediately prior to, or during the meeting, they will be available in the Board meeting room and on the District website at [www.mnwd.com](http://www.mnwd.com).



# moulton niguel water district

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## MINUTES OF THE TECHNICAL COMMITTEE MEETING MOULTON NIGUEL WATER DISTRICT BOARD OF DIRECTORS

January 4, 2021

A Regular Meeting of the Technical Committee of the Moulton Niguel Water District was held in accordance with the Governor’s Executive Order N-29-20 in an effort to prevent the spread of COVID-19 (Coronavirus). As a result, there was no public location for the public to attend in person. The meeting was called to order at 7:30 AM on January 3, 2021. There were present and participating at 26880 Aliso Viejo Pkwy, Suite 150, Aliso Viejo, CA:

**DIRECTORS**

Duane Cave	Vice President/Chair
Donald Froelich	Vice President
Bill Moorhead	Director

Also present and participating were:

**STAFF MEMBERS IN-PERSON**

Matt Collings	Assistant General Manager
Rod Woods	Director of Engineering
Paige Gulck	Board Secretary

**STAFF MEMBERS, LEGAL COUNSEL, AND MEMBERS OF THE PUBLIC TELEPHONICALLY**

Joone Lopez	General Manager
Johnathan Cruz	Director of Financial Planning & Innovation
Gina Hillary	Director of Human Resources
Todd Novacek	Director of Operations
Jeff Ferre	Best, Best, & Krieger (General Counsel)
Tim Bonita	Recording Secretary
Trevor Agrelius	MNWD
Larry Ballew	MNWD
Todd Dmytryshyn	MNWD
Bryan Hong	MNWD

Dave Larsen	MNWD
Steve Merk	MNWD
Mark Mountford	MNWD
Sheldon Yu	MNWD

**1. CALL MEETING TO ORDER**

*The meeting was called to order by Chairman Cave at 7:30 a.m. Chairman Cave stated that the meeting was being conducted by teleconference pursuant to the Brown Act waivers provided under the Governor's Executive Orders in response to the COVID-19 State of Emergency. As stated on the agenda, there was no public location for attending the meeting in person. The agenda also stated that the public could listen and provide comment telephonically by calling the number listed on the agenda.*

**2. APPROVE THE MINUTES OF THE NOVEMBER 30, 2020 TECHNICAL COMMITTEE MEETING**

*MOTION DULY MADE BY BILL MOORHEAD AND SECONDED BY DONALD FROELICH, MINUTES OF THE NOVEMBER 30, 2020 MEETING WERE APPROVED AS PRESENTED. THE VOTE WAS UNANIMOUS WITH DIRECTORS DUANE CAVE, DONALD FROELICH AND BILL MOORHEAD ALL VOTING 'AYE'.*

**3. PUBLIC COMMENTS**

*Chairman Cave stated that as permitted under the Brown Act, and in order to provide an equal opportunity for members of the public to provide comment without everyone talking over one another, public comments, on items on or off the agenda, would be taken during the Public Comment portion of the meeting. Chairman Cave then asked if there was anyone on the phone who would like to provide comment. Hearing none, the Public Comment portion of the meeting was closed.*

**DISCUSSION ITEMS**

**4. Pretreatment and Source Control Program Ordinance Amendment**

*Mark Mountford provided information on the item. Discussion ensued and the committee recommended sending this item to the Board.*

**5. Amendment No. 1 to the Professional Services Agreement for the Plant 3A Solids Handling Facilities Improvements**

*Dave Larsen provided information on the item. Discussion ensued and the committee recommended sending this item to the Board for approval.*

6. Construction Contract Amendment for the Electrical Distribution Equipment Replacements

*Sheldon Yu provided information on the item. Discussion ensued and the committee recommended sending this item to the Board for approval.*

7. Amendment No. 2 for On-Call Inspection Support Services

*Steve Merk provided information on the item. Discussion ensued and the committee recommended sending this item to the Board for approval.*

8. Mobile Bypass Pump Purchase

*Todd Novacek provided information on the item. Discussion ensued and the committee recommended sending this item to the Board for approval.*

**ADJOURNMENT**

*The meeting was adjourned at 8:18 a.m.*

Respectfully submitted,

Tim Bonita  
Recording Secretary





## #4.

La Paz Creek Vegetation Management Contingency

February 1, 2021

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Management Plan for La Paz Creek, assist with CEQA compliance and other required permits, and assist with the procurement of HRS' services for vegetation removal and management. LSA has been providing the required maintenance and restoration monitoring that is required to comply with the SAA. This includes ongoing oversight of HRS, as well as coordination and reporting to the CDFW for the five years following the initial vegetation clearing effort.

### **DISCUSSION:**

The initial clearing of non-native vegetation and debris occurred in February 2017. However, due to limited rainfall, the re-growth of native species has been challenging. Additional plantings and seeding were deemed necessary to meet the regrowth requirements of the SAA. The original level of effort anticipated by LSA and District staff in 2016 will not be sufficient to complete the anticipated services that will be required to complete this project and comply with all requirements of the SAA. LSA has been instrumental in providing its expertise and oversight of this ongoing effort.

Therefore, Staff is recommending approval of an additional not-to-exceed contingency of \$50,000 to allow LSA to continue providing services on a time and materials basis through term of the SAA and corresponding 5-year reporting period. If additional requirements are imposed by the CDFW at that time, District staff will evaluate its options and present a future recommendation to the Board.

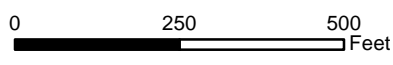
This project is part of the capital improvement program costs for the Plant 3A facility, of which Santa Margarita Water District's proportionate share is 28-percent.

Attachment: Exhibit A - Location Map





Path\GIS\Projects\Projects\_Ongoing\Captial Improvement\Project Exhibits\Larsen\La Paz\CK\Vegetation\mgt.mxd



Scale = 1:3,500

**Exhibit "A" Location Map**  
**La Paz Creek Vegetation Management**  
**Contract No. 2016.016**





**moulton niguel water district**

**STAFF REPORT**

**TO:** Board of Directors                      **MEETING DATE:** February 1, 2021

**FROM:** Todd Novacek, Director of Operations  
Adrian Tasso, Superintendent of Operations

**SUBJECT:** Vehicle Replacement – Hydro Excavator Truck

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**SUMMARY:**

Issue: Board action is required to authorize the purchase of a 2021 Vactor Hydro Excavator Truck to replace the existing Unit #73.

Recommendation: It is recommended that the Board of Directors approve the purchase of a 2021 Vactor Hydro Excavator Truck for \$488,473.

Fiscal Impact: Sufficient funds are included in the adopted Fiscal Year 2020-2021 Budget.

Reviewed by Legal: Not applicable

**BACKGROUND:**

District staff utilizes hydro-excavator trucks as the primary tool to expose underground infrastructure during both planned and emergency repairs, as well as emergency clean-up on job sites. In calendar year 2020, the District utilized hydro-excavators to perform excavations on a total of 255 repairs.

Hydro Excavation has many benefits to the District. Staff utilize these units to stay in compliance with city storm drain regulations (MS4), our own NPDES permit requirements, increased excavation safety, and to mitigate potentially costly damage incurred to other utilities while excavating District infrastructure. This new proposed hydro-excavator will replace Unit #73, which is seventeen years old, has logged over 11,000 hours and has consequently seen an increase in maintenance requirements. Currently, the District has three hydro-excavators that are utilized on a daily basis.

## #5.

Vehicle Replacement – Hydro Excavator Truck

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### **DISCUSSION:**

Comparative price analysis for this equipment purchase was performed through Sourcewell (previously National Joint Powers Alliance) which is a public agency that executes cooperative purchasing contracts for the benefit of its members. Sourcewell contracts are competitively solicited nationally.

MNWD is a member of Sourcewell (ID# 158819) and is authorized by California Government Code Section 6502 and Section 23 of MNWD's 2019 Purchasing Policy to participate in cooperative purchasing agreements with other public agencies. Staff is recommending the purchase of a 2021 Vactor Hydro-Excavator Truck, in the amount of \$488,473 based on cost, and satisfaction of District's requirements.



**moulton niguel** water district

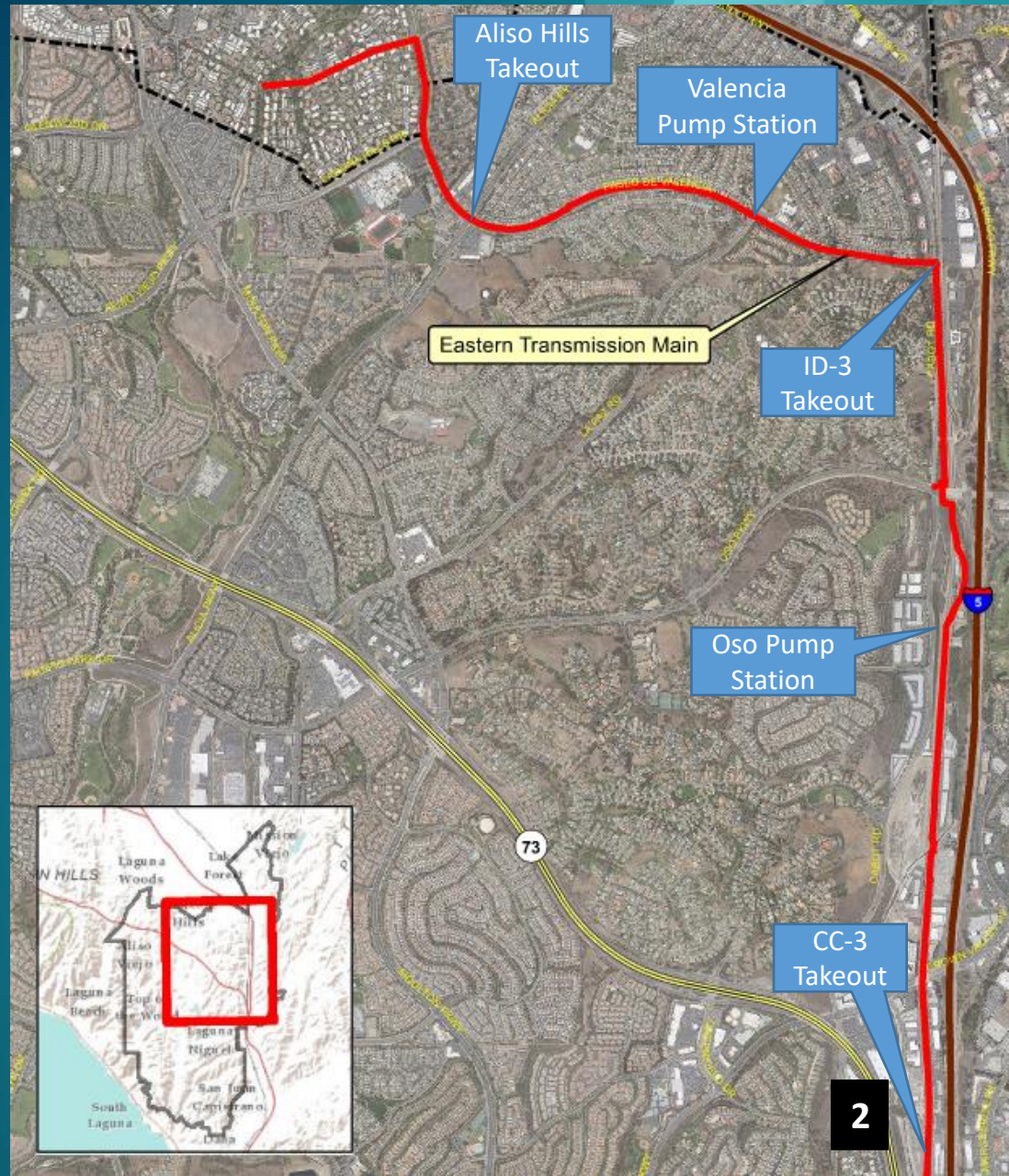
# Eastern Transmission Main Condition Assessment Update

Technical Committee Meeting  
February 1, 2021

# Eastern Transmission Main

- Potable water transmission pipeline
- Supplies water from the Joint Transmission Main
- Approx. 5.6 miles long
- 33-inch and 30-inch diameter steel pipeline
- Installed in 1962
- Five take-outs

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# Condition Assessment Progress to Date

Awarded engineering services to Black & Veatch



Completed market assessment



Recommended condition assessment technologies



Coordination with City of San Juan Capistrano

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# Condition Assessment Recommended Technologies

- In-line acoustic leak detection
  - Free-swimming probe (Smartball)
- Electromagnetic testing
  - Crawler with CCTV (PureRobotics)
  - Will require construction of new access points





# Condition Assessment Next Steps

- Procurement
  - Contractor support services
  - Condition assessment
- Board consideration in Summer 2021
- Condition assessment in Dec. 2021 – Feb. 2022
- Analyze results and identify improvements

Activity	Estimated Cost
Black & Veatch (existing contract)	\$200,000
Contractor Support Services	\$800,000
Condition Assessment	\$500,000





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Questions?