

ENGINEERING BOARD OF DIRECTORS' MEETING
AGENDA

MOULTON NIGUEL WATER DISTRICT

27500 La Paz Road, Laguna Niguel

April 13, 2010

9:00 A.M. (PDT)

Approximate Meeting Time: 1 ½ - 2 Hours

1. Call Meeting to Order
2. Approve the Minutes of the March 16, 2010 Board of Directors' Meeting
3. Public Comments.
4. Action Items

A. Plant 3A ETM Protection at San Juan Creek, Contract 2009.115

The District operates the Plant 3A Effluent Transmission Main in co-ownership with Santa Margarita Water District and primarily uses it as a secondary effluent disposal pipeline for the Plant 3A Wastewater Treatment Plant. The ETM crosses San Juan Creek approximately 1,000 feet south of the confluence of Trabuco Creek and San Juan Creek in San Juan Capistrano. District staff recently discovered that the encasement structure for the 30-inch diameter pipeline crossing was found to be exposed in the channel near the easterly side. The District initiated an emergency protection of this facility to prevent the ETM from being severely damaged or lost entirely from winter storm flows. The District installed 1-ton and 2-ton rocks on either side of the crossing for temporary protection. The cost for the temporary repair was approximately \$21,500. It is unknown how long this portion of the crossing has been uncovered.

The District has engaged an engineer, Pacific Advanced Civil Engineering (PACE), to evaluate and prepare alternatives for permanent pipeline protection measures for a not-to-exceed fee of \$42,500. The District and its consultants are continuing to proceed with this project on an emergency basis. Additional consultant support is necessary to evaluate the alternatives being prepared by PACE and continue advancing the project to construction. Request for Proposals were sent out for environmental planning (CEQA) and geotechnical services, and proposals were received on April 6:

CEQA Compliance:

HDR Engineering	\$ 56,758
Dudek	\$ 62,070
BonTerra Consulting, Inc.	\$ 62,530
Engineer's Estimate	\$ 50,000

<u>Geotechnical Services:</u>	
GMU Geotechnical, Inc.	\$ 16,778
Petra Geotechnical, Inc.	\$ 19,800
Engineer's Estimate	\$ 30,000

MNWD will be the lead agency and the costs will be shared equally with SMWD. This project will be financed from Fund 7 - Replacement and Refurbishment Fund. This project will be presented to the Board of Directors for consideration on Thursday, April 15, 2010 with a request to increase the FY 09-10 budget and expense authorization from \$65,000 to \$165,000. The budget increase also includes estimated CEQA/permit costs and project contingency. The additional budget will be appropriated from Fund 7, Unanticipated Projects, and will be 50% paid for by Santa Margarita Water District.

B. Main Office Landscape Improvements, Contract 2009.024

This project will remove the existing turf and the majority of the site landscape and replace with California-friendly species and non-irrigated sections to serve as customer education sites for water conservation. The improvements will also include a demonstration area for artificial turf, educational display boards, and hardscape improvements. This contract represents a combination of the two phases of the project as it was initially conceived. The two phases were combined to remove the existing turf and install planting along Avila and La Paz as a result of the suggestions from the Citizens' Advisory Committee. Bids for the contract were opened on March 9, 2010:

Allied Sprinkler	\$ 167,974
Oakleaf Landscape	\$ 224,000
DMA Greencare	\$ 225,889
Engineer's Estimate	\$ 150,000
Cost to Date	\$ 18,513
(Design/Planning Costs – Contract 2007.032)	

The current total project budget is \$108,600 with a FY 2009-2010 budget of \$71,000. This project will be presented to the Board of Directors for consideration on Thursday, April 15, 2010 with a request to approve a total project budget and expense authorization of \$210,000. This project will be financed from Fund 7 – Replacement and Refurbishment Fund. The additional budget will be appropriated from Fund 7, Unanticipated Projects.

5. Informational Items

A. Ongoing Projects' Status

- i. Monthly Construction Progress Report
- ii. Budget vs. Cost-to-Date
- iii. Cell Lease – AT&T Proposal Presentation

- B. Future Projects' Status
 - i. Water Supply Reliability Projects' Status
 - ii. Poseidon Huntington Beach Desalination Project
 - a. Distribution System Presentation

6. Operations Report

A. MNWD's Assistance to SMWD During its March 23, 2010 Sanitary Sewer Overflow

SMWD experienced a leak on its 24-inch force main that crosses Tijeras Creek at around 4:00 p.m. on March 23, 2010. SMWD sent out a request for assistance, to which MNWD responded by sending two VacCon crews to assist in reducing the flow to the lift station.

A presentation will be given on this event and on the mutual assistance agreement to which MNWD is a signatory.

7. Late Items (Appropriate Findings to be Made)

- a. Need to take immediate action; and
- b. Need for action came to District's attention after Agenda Posting
[Requires 2/3 vote (5 members) or unanimous vote if less than 2/3 are present]

8. 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) 643-2006 at least seventy-two (72) hours prior to the scheduled meeting. This agenda can be obtained in alternate format upon written request to the Moulton Niguel Water District Secretary seventy-two 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, 27500 La Paz Road, Laguna Niguel, CA ("District Office"). If such writings are distributed to members of the Board less than 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.