

ENGINEERING BOARD OF DIRECTORS' MEETING  
AGENDA  
MOULTON NIGUEL WATER DISTRICT  
27500 La Paz Road, Laguna Niguel  
March 16, 2010  
9:00 A.M. (PDT)  
**Approximate Meeting Time: 1 - 1 ½ Hours**

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

A. Niguel Road/Alicia Parkway Valve Replacement, Contract 2009.052

Recent attempts to isolate portions of the water distribution system within the vicinity of Niguel Road, Alicia Parkway, and Crown Valley Parkway to repair lines breaks have been either unsuccessful or extremely difficult and impactful due to valves that are no longer functional. This project will replace those major line valves. The valves being replaced are over 40 years old and are among the oldest valves in the District.

Bids for the contract were opened on March 9, 2010:

Paulus Engineering	\$ 346,520
Kennedy Pipeline	\$ 381,200
Bebek Construction	\$ 406,280
E.J. Meyer	\$ 424,444
Doty Bros.	\$ 598,950
Engineer's Estimate	\$ 327,000

This project will be financed from Fund 7 - Replacement and Refurbishment Fund with a current FY 2009-2010 budget of \$350,000. This project will be presented to the Board of Directors for consideration on Thursday, March 18, 2010 with a request to approve a project budget and expense authorization of \$390,000.

B. Upper Oso Reservoir Oxygen System Management, Contract 2009.133

The District owns 1,000 acre-feet of capacity within the Upper Oso Reservoir for recycled water seasonal storage and is responsible for 25% of the operational and capital costs for the reservoir. In recent years, Santa Margarita Water District

(SMWD), who operates the Upper Oso Reservoir, has been responding to operational issues with the reservoir associated with high oxygen demand, lake stratification, and seasonal conditions that have generated odor issues within the reservoir and distribution system.

As lead agency, SMWD's Board of Directors has authorized a design-build contract to install an oxygenation system within the reservoir to increase the dissolved oxygen within the lower portions of the lake during summer months (April through November). SMWD has approved a project budget of \$800,000 for their 75% share of the capital costs associated with this contract. This project will be presented to the Board of Directors for consideration on Thursday, March 18, 2010 with a request to approve a project budget and expense authorization of \$275,000 to pay for the District's 25% share of the project costs. This project will be financed from Fund 14 – Planning and Construction Fund.

5. Informational Items

A. Ongoing Projects' Status

- i. Monthly Construction Progress Report
- ii. Budget vs. Cost-to-Date

B. Future Projects' Status

- i. Water Supply Reliability Projects' Status
  - a. Summary of Resolution to Establish Potable Water Reliability Capacity (No. 08-32)
- ii. Poseidon Huntington Beach Desalination Project – Confidentiality Agreement

6. Operations Report

A. Member Agencies Operations & Maintenance Expense, Page 3, Coding 152 PRL/RRL 516

152 PRL 516 Regional Facilities O&M Costs

The District rented temporary pumps to pump water for the Irvine Ranch Water District (IRWD) Emergency Interconnection during the 2008 Diemer Wastewater Treatment Plant Shutdown. The rental cost of these pumps, (\$297,546.00), was charged to the IRWD Emergency Interconnection Project, Job No. 2006.071.

Since this cost cannot be capitalized, it must be transferred to the District's O&M Budget and be charged to Cost Code 152 PRL 516.

Staff is requesting that the FY 09-10 budget for this Cost Code, \$824,517.00, be revised to \$1,122,063 to accommodate this transfer.

152 RRL 516, Upper Oso Reservoir O&M

The District owns 1,000 acre-feet of capacity in the reservoir and is responsible for 25% of the operational cost of the work done by Santa Margarita Water District to mitigate the odor problems the reservoir experienced this past fall.

SMWD incurred approximately \$268,000 in O&M costs during the FY 09-10 second quarter (October 1 – December 31) which usually is about \$9,000 for the quarter. MNWD's share of this increase is approximately \$64,750. MNWD's staff is expecting a \$25,000 increase in MNWD's share of the O&M cost for the remainder of FY 09-10, for a total FY 09-10 increase of approximately \$90,000.

Staff is requesting that the FY 09-10 budget for this Cost Code, \$39,000, be revised to \$129,000 to accommodate the unanticipated increase in O&M costs for Upper Oso Reservoir.

Fiscal Impact

The total O&M Budget for FY 09-10 would increase by \$387,546, from \$50,464,754 to \$50,852,300.

B. Joint Transmission Main (JTM) 21-Day Shutdown, February 2010

The Joint Regional Water Supply System (JRWSS) operator, South Coast Water District, completed the 21-day shutdown of the Joint Transmission Main for inspection and maintenance purposes. A presentation will be given on the shutdown and how the District did during the shutdown.

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.