



MARINA COAST WATER DISTRICT

11 RESERVATION ROAD, MARINA, CA 93933-2099

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DIRECTORS

HOWARD GUSTAFSON
President

THOMAS P. MOORE
Vice President

WILLIAM Y. LEE
JAN SHRINER
HERBERT CORTEZ

Agenda

Special Board Meeting, Board of Directors Marina Coast Water District

11 Reservation Road, Marina, California

Monday, May 1, 2017, **6:00 p.m.** PST

(Please note the different location and time)

This meeting has been noticed according to the Brown Act rules. The Board of Directors meet regularly on the first and third Monday of each month. The meetings normally begin at 6:30 p.m. and are held at the City of Marina Council Chambers at 211 Hillcrest Avenue, Marina, California.

Our Mission: *We provide our customers with high quality water, wastewater collection and conservation services at a reasonable cost, through planning, management and the development of water resources in an environmentally sensitive manner.*

1. **Call to Order**
2. **Roll Call**
3. **Pledge of Allegiance**
4. **Public Comment on Closed Session Items** *Anyone wishing to address the Board on matters appearing on Closed Session may do so at this time. Please limit your comment to four minutes. The public may comment on any other items listed on the agenda at the time they are considered by the Board.*
5. **Closed Session**
 - A. Pursuant to Government Code 54956.8
Conference with Real Property Negotiator
Property: Recycled Water Pipeline, Recycled Water
Agency Negotiators: Howard Gustafson and Thomas P. Moore
Negotiating parties: MRWPCA and MCWD
Under Negotiation: Price and Terms

This agenda is subject to revision and may be amended prior to the scheduled meeting. A final agenda will be posted at the District office at 11 Reservation Road, Marina, 24 hours prior to the meeting. Information about items on this agenda or persons requesting disability related modifications and/or accommodations should contact the Board Clerk 48 hours prior to the meeting at: 831-883-5910.

6. Reportable Actions Taken During Closed Session *The Board will announce any reportable action taken during closed session and the vote or abstention on that action of every director present, and may take additional action in open session as appropriate. Any closed session items not completed may be continued to after the end of all open session items*

7. Oral Communications *Anyone wishing to address the Board on matters not appearing on the Agenda may do so at this time. Please limit your comment to four minutes. The public may comment on any other items listed on the agenda at the time they are considered by the Board.*

8. Action Item *The Board will review and discuss agenda items and take action or direct staff to return to the Board for action at a following meeting. The public may address the Board on these items as each item is reviewed by the Board. Please limit your comment to four minutes.*

A. Consider Adoption of Resolution No. 2017-27 Directing Staff to Advertise and Receive Construction Bids for the Regional Urban Water Augmentation Project Recycled Water Pipeline and Blackhorse Reservoir

Action: The Board of Directors will consider directing staff to advertise and receive construction bids for the Regional Urban Water Augmentation Project Recycled Water Pipeline and Blackhorse Reservoir.

9. Adjournment *Set or Announce Next Meeting(s), date(s), time(s), and location(s):*

*Regular Meeting: Monday, May 15, 2017, 6:30 p.m.,
Marina Council Chambers, 211 Hillcrest Avenue, Marina*

Marina Coast Water District
Agenda Transmittal

Agenda Item: 8-A

Meeting Date: May 1, 2017

Prepared By: Michael Wegley

Approved By: Keith Van Der Maaten

Agenda Title: Consider Adoption of Resolution No. 2017-27 Directing Staff to Advertise and Receive Construction Bids for the Regional Urban Water Augmentation Project Recycled Water Pipeline and Blackhorse Reservoir

Staff Recommendation: The Board of Directors adopt Resolution No. 2017-27 directing staff to advertise and receive Construction Bids for the Regional Urban Water Augmentation Project (RUWAP) Recycled Water Pipeline and Blackhorse Reservoir.

Background: *Strategic Plan Mission Statement – We provide our customers with high quality water, wastewater collection and conservation services at a reasonable cost, through planning, management and the development of water resources in an environmentally sensitive manner.*

In 2002, MCWD, in cooperation with FORA, initiated the Regional Urban Water Augmentation Project (RUWAP) to explore water supply alternatives to provide an additional 2,400 AFY of water supply needed under the 1997 Fort Ord Base Reuse Plan and its accompanying EIR. In October 2004, the MCWD Board of Directors certified the Environmental Impact Report (“EIR”) for the RUWAP. In October 2006, Addendum No. 1 was adopted to address changes in the project’s pipeline alignment, and in February 2007, Addendum No. 2 was adopted to address changes to maximize the use of recycled water within MCWD’s service areas.

As a result of an extensive environmental review, FORA and MCWD agreed to adopt a modified Hybrid Alternative, which would provide 1,427 AFY of recycled water to the Ord Community without the need for seasonal storage, and this in turn resulted in the FORA Board adopting Resolution No. 07-10 (May 2007), which allocated that 1,427 AFY of RUWAP recycled water to its member agencies having land use jurisdiction. Following, MCWD moved forward on completing 90% of the design work, and 90% of the right-of-way acquisition for the RUWAP recycled water pipeline. Additionally, portions of the RUWAP recycled pipeline were installed.

On March 30, 2013, the Monterey Regional Water Pollution Control Agency (MRWPCA) commenced environmental review of its Pure Water Monterey Groundwater Replenishment (PWM/GWR) Project. The PWM/GWR Project is a water supply project that would serve northern Monterey County by providing: (1) purified recycled water for recharge of a groundwater basin that serves as drinking water supply; and (2) recycled water to augment the existing Castroville Seawater Intrusion Project’s agricultural irrigation supply. The PWM/GWR Project includes a pipeline (“Product Water Conveyance Pipeline”) to transport purified recycled water from a new Advanced Water Treatment Plant (“AWT”) at MRWPCA’s Regional Treatment Plant to new Injection Well Facilities overlying the Seaside Groundwater Basin.

The EIR for the PWM/GWR Project evaluated two alternative alignments for the Product Water Conveyance Pipeline, a Coastal Alignment and an alignment that follows the right-of-way for the existing and future RUWAP pipeline (“RUWAP Alignment”). On October 8, 2015, the MRWPCA

Board unanimously voted to approve the PWM/GWR Project and certify the EIR. The MRWPCA Board selected the RUWAP Alignment for the Product Water Conveyance Pipeline.

The RUWAP pipeline and distribution system was then considered for a shared pipeline use for an advanced treated recycled water conveyance system to serve both the approved MCWD RUWAP, and the approved PWM/GWR. The PWM/GWR Project EIR was certified in October 2015 by the Monterey Peninsula Regional Water Pollution Control Agency (MRWPCA).

MRWPCA and MCWD entered into negotiations on a potential collaborative project utilizing the RUWAP Alignment. The collaborative project was brought before FORA on October 9, 2015, and the FORA Board unanimously voted to adopt a resolution to endorse the Pure Water Monterey Project as an acceptable option as the recycled component of the RUWAP.

In continuance of the project, on November 17, 2015, the MCWD Board unanimously voted to submit a Clean Water State Revolving Fund Financial Assistance Application to the State Water Resources Control Board for the RUWAP and on December 1, 2015, MCWD staff completed the submission of the application.

On March 21, 2016, the MCWD Board of Directors adopted Resolution No. 2016-18 to approve Amendment No. 2 to the Professional Services Agreement with Carollo Engineers, P.C. for design of the Regional Urban Water Augmentation Project and reaffirmed authorizing work on recycled water projects.

On April 8, 2016, MCWD and MRWPCA entered into the Pure Water Delivery and Supply Project Agreement pursuant to which the RUWAP pipeline would be designed, constructed, owned, and operated by MCWD in accordance with the 1998 MCWD-FORA Water/Wastewater Facilities Agreement. Under this 2016 Agreement, MCWD has the right to utilize advance treated water for the Ord Community up to and including a net 600 AFY during Phase 1 and a net 1,427 AFY during Phase 2 to implement FORA Board Resolution No. 07-10.

On April 16, 2016, MCWD adopted Addendum No. 3 to the MCWD Regional Urban Water Augmentation Project EIR for the construction of one single transmission pipeline and related facilities to deliver advanced treated water from the Advanced Water Treatment Plant (AWTP) to the Seaside Groundwater Basin for the PWM/GWR Project and to MCWD's irrigation customers for the RUWAP Project. Attachment No. 1 is an overall Recycled Water Project Alignment map. The transmission pipeline project (blue line on Attachment No. 1) includes:

- 40,000 linear feet of 24" diameter pipeline along the RUWAP EIR alignment;
- A connection to the AWTF at the MRWPCA fence line with Armstrong Ranch;
- two bore and jack roadway crossings, one crossing Reservation Road at Crescent Avenue, and the second one crossing Imjin Parkway at California Avenue;
- Connections to an existing dry pipeline on the CSUMB Campus previously constructed for the RUWAP project;
- connection to an existing dry pipeline in General Jim Moore Blvd. previously constructed from Del Rey Oaks to Normandy Blvd for the RUWAP Project;
- One 2 million gallon welded steel storage tank reservoir at an existing MCWD storage tank site referred to as the Blackhorse Reservoir.

Once the permanent financing is in place, work will begin on design and construction of the RUWAP distribution system. The distribution system remaining to be constructed (red lines on Attachment No. 1) will include lateral distribution lines to serve end users from the main distribution alignment, pressure reducing valves, meters and appurtenances. Distribution lines for Subdivisions and commercial developments built within approximately the last 15 years are pre-plumbed for recycled water irrigation in public areas (Green lines on Attachment No. 1).

Staff submitted the Title 22 Engineers Report for the landscape irrigation use of recycled water to the State Department of Drinking Water in March 2018. MRWPCA will be amending their EIR and Waste Discharge Requirements for MCWD landscape irrigation customers.

Discussion/Analysis: Construction of the RUWAP transmission pipeline is expected to take 12 months and needs to be completed September 2018 to coordinate with MRWPCA's project delivery schedule. Attachment No. 2 is MRWPCA's PWM/GWR project schedule. Attachment No. 3 is the RUWAP Recycled Water Pipeline and Blackhorse Reservoir Project Schedule considering completion by September 2018 to coordinate with the PWM/GWR project schedule.

The construction of the pipeline is estimated to be in the 25 to 30 Million Dollar range. Attachment No. 4 is the most recent RUWAP Recycled Water Pipeline and Blackhorse Reservoir Project Engineers Estimate of probable cost that is in the process of being updated. MRWPCA's cost share of the transmission pipeline project is 72% or approximately 18 to 21.6 Million Dollars and FORA has committed up to 6 Million Dollars of funding towards RUWAP. In anticipation of SRF funding this September or October, MCWD is obtaining construction bridge loan financing. In addition, MCWD is pursuing a Bureau of Reclamation WIIN grant.

Attachment No. 5 is the RUWAP Recycled Water Pipeline and Blackhorse Reservoir Project Invitation to Bidders.

Other considerations: None.

Financial Impact: Yes No Funding Source/Recap: Recycled Water.

Material Included for Information/Consideration: Resolution No. 2017-27; Attachment No. 1 – Recycled Water Project Alignment Map; Attachment No. 2 MRWPCA Pure Water Monterey Schedule; Attachment No. 3 – RUWAP Recycled Water Pipeline and Blackhorse Reservoir Project Schedule; Attachment No. 4 – RUWAP Recycled Water Pipeline and Blackhorse Reservoir Project Engineers Estimate; RUWAP Recycled Water Pipeline and Blackhorse Reservoir Project Invitation to Bidders

Action Required: Resolution Motion Review
(Roll call vote is required.)

Board Action

Motion By _____ Seconded By _____ No Action Taken _____

Ayes _____ Abstained _____

Noes _____ Absent _____

May 1, 2017

Resolution No. 2017-27
Resolution of the Board of Directors
Marina Coast Water District

Directing Staff to Advertise and Receive Construction Bids for the
Regional Urban Water Augmentation Project Recycled Water Pipeline and Blackhorse Reservoir

RESOLVED by the Board of Directors (“Directors”) of the Marina Coast Water District (“District” or “MCWD”), at a special meeting duly called and held on May 1, 2017 at the District offices, 11 Reservation Road, Marina, California as follows:

WHEREAS, in 2002, MCWD, in cooperation with FORA, initiated the Regional Urban Water Augmentation Project (RUWAP) to explore water supply alternatives to provide an additional 2,400 AFY of water supply needed under the 1997 Fort Ord Base Reuse Plan and its accompanying EIR; and,

WHEREAS, in October 2004, the District Board of Directors certified the Environmental Impact Report (“EIR”) for the RUWAP. In October 2006, Addendum No. 1 was adopted to address changes in the project’s pipeline alignment, and in February 2007, Addendum No. 2 was adopted to address changes to maximize the use of recycled water within MCWD’s service areas; and,

WHEREAS, as a result of an extensive environmental review, FORA and MCWD agreed to adopt a modified Hybrid Alternative, which would provide 1,427 AFY of recycled water to the Ord Community without the need for seasonal storage, and this in turn resulted in the FORA Board adopting Resolution No. 07-10 (May 2007), which allocated that 1,427 AFY of RUWAP recycled water to its member agencies having land use jurisdiction. Following, the district moved forward on completing 90% of the design work, and 90% of the right-of-way acquisition for the RUWAP recycled water pipeline. Additionally, portions of the RUWAP recycled pipeline was installed; and,

WHEREAS, on March 30, 2013, the Monterey Regional Water Pollution Control Agency (MRWPCA) commenced environmental review of its Pure Water Monterey Groundwater Replenishment (PWM/GWR) Project. The PWM/GWR Project is a water supply project that would serve northern Monterey County by providing: (1) purified recycled water for recharge of a groundwater basin that serves as drinking water supply; and (2) recycled water to augment the existing Castroville Seawater Intrusion Project’s agricultural irrigation supply. The PWM/GWR Project includes a pipeline (“Product Water Conveyance Pipeline”) to transport purified recycled water from a new Advanced Water Treatment Plant (“AWT”) at MRWPCA’s Regional Treatment Plant to new Injection Well Facilities overlying the Seaside Groundwater Basin; and,

WHEREAS, the EIR for the PWM/GWR Project evaluated two alternative alignments for the Product Water Conveyance Pipeline, a Coastal Alignment and an alignment that follows the right-of-way for the existing and future RUWAP pipeline (“RUWAP Alignment”). On October 8, 2015, the MRWPCA Board unanimously voted to approve the PWM/GWR Project and certify the EIR. The MRWPCA Board selected the RUWAP Alignment for the Product Water Conveyance Pipeline; and,

WHEREAS, the RUWAP pipeline and distribution system was then considered for a shared pipeline use for an advanced treated recycled water conveyance system to serve both the approved MCWD RUWAP, and the approved PWM/GWR. The PWM/GWR Project EIR was certified in October 2015 by Monterey Peninsula Regional Water Pollution Control Agency (MRWPCA); and,

WHEREAS, MRWPCA and MCWD entered into negotiations on a potential collaborative project utilizing the RUWAP Alignment. The collaborative project was brought before FORA on October 9, 2015, and the FORA Board unanimously voted to adopt a resolution to endorse the Pure Water Monterey Project as an acceptable option as the recycled component of the RUWAP; and,

WHEREAS, in continuance of the project, on November 17, 2015, the MCWD Board unanimously voted to submit a Clean Water State Revolving Fund Financial Assistance Application to the State Water Resources Control Board for the RUWAP and on December 1, 2015, MCWD staff completed the submission of the application; and,

WHEREAS, on March 21, 2016, the Board of Directors Adopted Resolution No. 2016-18 to Approve Amendment No. 2 to the Professional Services Agreement with Carollo Engineers, P.C. for Design of the Regional Urban Water Augmentation Project and reaffirmed authorizing work on recycled water projects; and,

WHEREAS, on April 8, 2016, MCWD and MRWPCA entered into the Pure Water Delivery and Supply Project Agreement pursuant to which the RUWAP pipeline would be designed, constructed, owned, and operated by MCWD in accordance with the 1998 MCWD-FORA Water/Wastewater Facilities Agreement. Under this 2016 Agreement, MCWD has the right to utilize advance treated water for the Ord Community up to and including a net 600 AFY during Phase 1 and a net 1,427 AFY during Phase 2 to implement FORA Board Resolution No. 07-10; and,

WHEREAS, on April 16, 2016, MCWD adopted Addendum No. 3 to the MCWD Regional Urban Water Augmentation Project EIR for the construction of one single transmission pipeline and related facilities to deliver advanced treated water from the Advanced Water Treatment Plant (AWTP) to the Seaside Groundwater Basin for the PWM/GWR Project and to MCWD's irrigation customers for the RUWAP Project; and,

WHEREAS, construction of the RUWAP transmission pipeline is expected to take 12 months and needs to be completed September 2018 to coordinate with MRWPCA's project delivery schedule.

NOW, THEREFORE, BE IT RESOLVED, that Board of Directors, after consideration of the information contained in the May 1, 2017 Staff Report, hereby directs staff to advertise and receive Construction Bids for the Regional Urban Water Augmentation Project Recycled Water Pipeline and Blackhorse Reservoir.

PASSED AND ADOPTED on May 1, 2017, by the Board of Directors of the Marina Coast Water District by the following roll call vote:

Ayes: Directors _____

Noes: Directors _____

Absent: Directors _____

Abstained: Directors _____

Howard Gustafson, President

ATTEST:

Keith Van Der Maaten, Secretary

CERTIFICATE OF SECRETARY

The undersigned Secretary of the Board of the Marina Coast Water District hereby certifies that the foregoing is a full, true and correct copy of Resolution No. 2017-27 adopted May 1, 2017.

Keith Van Der Maaten, Secretary