



MARINA COAST WATER DISTRICT

11 RESERVATION ROAD, MARINA, CA 93933-2099

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Water Conservation Commission

Marina Coast Water District

11 Reservation Road, Marina, California

Date: October 4, 2012
Time: 5:30 PM
Location: 11 Reservation Road, Marina

Commission Members

Jim Ford (Marina City Council) – Chair
Dan Amadeo (Public Member) – Vice Chair
Jan Shriner (MCWD Board Representative)

Ruth Krotzer (Public Member)
Harold Krotzer (Public Member)
Carroll Meuse (Public Member)
Tom Jennings (Public Member)

Agenda

This meeting has been noticed according to the Brown Act rules. The Committee will receive information on, discuss and consider making recommendations to the MCWD Board on the items contained in this agenda.

1. Call to Order/Introduction
2. Public Comments on any item not on the Agenda *Anyone wishing to address the Committee on matters not appearing on the Agenda may do so at this time. Please limit your comment to three minutes. The public may comment on any other item(s) listed on the Agenda at the time the item(s) is considered by the Committee.*
3. Approve the Draft Minutes for September 6, 2012
4. Review Commissioners' Appointment Dates, Commissioners' Term Endings, and the Election of Commission Officers
5. Receive a Report Regarding Commercial BMP Implementation, the Impact of Not Meeting Implementation Targets, and the Role of CSUMB in Meeting the BMPs
6. Consider the Water Conservation Commission Scope of Duties and Responsibilities and Recommending to the MCWD Board the Resulting Modifications to the WCC Procedures and Board Procedures Manual
7. Review Proposed and Suggested Agenda Items for November 1, 2012 and Future Dates
8. Receive Update on Board/District Activities
9. Receive Comments from Commission Members
10. Adjournment - *Set or Announce Next Meeting(s), date(s), time(s), and location(s):*

Next Meeting: Thursday, November 1, 2012, 5:30 p.m., 11 Reservation Road, Marina

Marina Coast Water District
Staff Report

Agenda Item: 4

Meeting Date: October 4, 2012

Submitted By: Paul Lord

Presented By: Brian True

Reviewed By: James Derbin

Agenda Title: Review Commissioners' Appointment Dates, Commissioners' Term Endings, and the Election of Commission Officers

Detailed Description: The Water Conservation Commission is authorized to have seven members. One member represents the Marina Coast Water District Board of Directors, one member represents the Marina City Council, and five members are citizens from the service area. The Board of Director's and the Marina City Council representatives serve a term of one year, while the public members serve a term of two years.

Board of Directors Member (1): Jan Shriner, Dan Burns (alternate)

City of Marina Council Member (1): Jim Ford

Public Members (5):
Dan Amadeo
Ruth Krotzer
Howard Krotzer
Carroll Meuse
Tom Jennings

A detailed summary of the current term periods for each Water Conservation Commission member is shown in the attached Table 1.

Prior Committee or Board Action: None.

Board Goals/Objectives: *Strategic Plan, Mission Statement – Providing high quality water, wastewater and recycled water services to the District's expanding communities through management, conservation and development of future resources at reasonable costs.*

Financial Impact: Yes No

Funding Source/Recap: None.

Material Included for Information/Consideration: Attachment, Table 1.

Staff Recommendation: Members are asked to consider completing an application for commission re-appointment one month prior to the end of their term.

Table 1

Water Conservation Commission Appointments						
Position	Commissioner	Board Appointment	Start of WCC Term	WCC Considers Re-appointment	Board Considers Re-appointment	New WCC Term Would Start
Public Position #1: 2- Year Term	Dan Amadeo	November 15, 2011	December 1, 2011	November 7, 2013	November 12, 2013	December 5, 2013
Public Position #2: 2- Year Term	Ruth Krotzer	January 11, 2011	February 3, 2011	January 3, 2013	January 8, 2013	February 7, 2013
Public Position #3: 2- Year Term	Harold Krotzer	April 12, 2011	May 5, 2011	April 4, 2013	April 9, 2013	May 2, 2013
Public Position #4: 2- Year Term	Carroll Meuse	April 10, 2012	May 3, 2012	April 3, 2014	April 8, 2014	May 1, 2014
Public Position #5: 2- Year Term	Tom Jennings	April 10, 2012	May 3, 2012	April 3, 2014	April 8, 2014	May 1, 2014
City of Marina Position:	Jim Ford	N/A	January 5, 2012	N/A	N/A	N/A
MCWD Board Position: Board Alternate:	Jan Shriner Dan Burns	January 1, 2012	January 5, 2012	N/A	N/A	N/A

Marina Coast Water District
Water Conservation Commission
Staff Report

Agenda Item: 5

Meeting Date: October 4, 2012

Submitted By: Paul Lord

Presented By: Paul Lord

Reviewed By: James Derbin

Agenda Title: Receive a Report Regarding Commercial BMP Implementation, the Impact of Not Meeting Implementation Targets, and the Role of CSUMB in Meeting the BMPs

Detailed Description: The Water Conservation Commission is requested to review, consider, and discuss this staff report clarifying the statistics on Commercial Best Management Practices (BMPs), introducing the repercussions of not implementing the water conservation Best Management Practices, and reviewing the role CSUMB plays in BMP implementation and reporting. These questions and topics were raised by the Commission at the last meeting held September 6, 2012.

Responses and Discussions:

Topic A) Although there has been a reduction in commercial water use in the past few years, and the District has earned a credit (water saved through measures implemented) for water conservation efforts conducted in years prior to 2008, the District is still challenged to implement and document successful water conservation measures at the scale required to achieve the interim and 2020 water savings goals.

Starting in 2013, the recommendation is that the District modify the existing, or implement new, water savings measures that will help accelerate annual water savings. Implementing this recommendation will help make-up the difference between the credit received for past efforts (prior to 2008) and the ever-increasing yearly interim water savings goals. Attached for review and discussion are attachments 1 and 2.

Topic B) The voluntary Memorandum of Understanding (MOU) between MCWD and the California Urban Water Conservation Council (CUWCC), signed by the District in 1993, commits the District to put into practice water conservation BMPs. The BMPs are intended to reduce long-term urban demands from what they would have been without implementation of these practices.

The Foundational BMP's are:

1. Utility Operations Programs
2. Education Programs

The Programmatic BMP's are:

3. Residential
4. Commercial, Industrial, Institutional
5. Landscape

The BMPs define required actions or goals that are widely accepted as the minimum level of conservation effort for most water suppliers in California. Commitments to implement water conservation measures at the water supplier level are primarily associated with the required water supply planning measures found in the Urban Water Management Planning Act. Urban Water Management Plans must be submitted every five years and must contain an evaluation of the BMPs.

The consequences of not implementing the water conservation BMPs are two-fold:

1. If water conservation measures are not implemented, the State Water Resources Control Board (and the California Public Utilities Commission for privately held water companies) is authorized to impose water conservation measures upon water agencies in permitting and other proceedings to ensure attainment of the state's water conservation goals. At the state level, it is proposed that enforcement action be initiated on water suppliers that have high per capita water use compared to communities of similar climatic and demographic conditions, high water loss rates, or fail to comply with statutory or regulatory conservation mandates.
2. If water conservation measures are not implemented, funding applicants may not be eligible for grants, loans and financial assistance as described in Section 10631.5 of the State Water Code. Funding applicants must demonstrate implementation of the BMPs, provide a schedule for future implementation, or explain why the BMPs are not in water management plans to be implemented. While water suppliers cannot be required to sign an MOU with the CUWCC, the State has determined that implementation levels defined in the BMPs will be the initial required standard for implementation, even for non-signatories. BMPs were designed to be the minimum standard of conservation implementation for virtually all water suppliers, and it is reasonable to expect a higher standard of efficiency from entities that seek state grant funds. In the future, the State will consider establishing even higher levels of efficiency or additional conservation actions as a prerequisite for receipt of bond funds. The State law specifies that the current BMPs will remain in effect only until July 1, 2016; the BMP requirements will be repealed on that date unless an enacted statute extends the date.

Topic C) California Water Code 10608.44 states "Each state agency shall reduce water use at facilities it operates to support urban retail water suppliers in meeting the target identified in section 10608.16." These targets are a 10-percent reduction in urban per capita water use on or before December 31, 2015 and 20-percent by the end of the year 2020.

There is some indication that the schools of the California State University system have a formal water conservation plan to follow, and that they are diligently working to reduce water use. Based on what is stated in the State Water Code above, CSUMB (as a "state agency") appears to have some responsibility to work with MCWD in reporting their conservation efforts in a credible manner so that MCWD can include the information within MCWD's BMP compliance and per capita water use reduction efforts.

In the past, representatives of CSUMB have spoken about the replacement of urinals and the upgrades to dormitory restrooms and kitchens; however, no detailed or recent information about these efforts has been shared with the water district. Without the detailed information, staff is not able to report their efforts in a substantiated manner and receive credit for BMP implementation.

Staff has reached out to the university and offered assistance in water conservation generally and has informed the facilities staff about fixture rebates and landscape incentives. With mixed results and slow progress, field work has been conducted with the landscape contractors working

for the school, including identifying landscape sites, modifying irrigation schedules, and developing landscape water use budgets.

Staff is currently working to learn how efforts on water conservation at CSUMB facilities should be reported to the CUWCC and State of California.

Marina Coast Water District
Water Conservation Commission
Agenda Transmittal

Agenda Item: 6

Meeting Date: October 4, 2012

Submitted By: Brian True

Presented By: Brian True

Reviewed By: James Derbin

Agenda Title: Consider the Water Conservation Commission Scope of Duties and Responsibilities and Recommending to the MCWD Board the Resulting Modifications to the WCC Procedures and Board Procedures Manual

Detailed Description: During the Fall of 2011, the MCWD Board of Directors requested that the WCC consider the Commissions' scope of duties and responsibilities. A specific question associated with the request was whether the WCC scope should increase, remain the same, or decrease.

The April WCC meeting re-focused the Commission on providing a coherent set of recommendations to the MCWD Board that addresses their request. The method of expressing the recommendations will be to provide suggested modifications to the WCC Procedures document and to the section of the Board Procedures Manual concerning the WCC (both attached). After the Commission reaches consensus on the recommended modifications, the two documents will be advanced to the MCWD Board for their acceptance.

Modifications to the Procedures previously were considered and accepted by the Commission from February to September 2012 – those accepted changes are highlighted in turquoise blue in the attachment. Language based on the September discussions has been added, highlighted in yellow within the WCC Procedures document, to provide consistency between the Board Procedures Manual and the WCC Procedures regarding review of Conservation Department budgets.

Prior Committee or Board Action: On November 3, 2005 the Water Conservation Commission approved the Procedures for the Water Conservation Commission that were accepted by the Board on January 28, 2006. The Water Conservation Commission has been discussing modifications at the last several meetings.

Financial Impact: ___Yes ___X___No

Funding Source/Recap: None

Material Included for Information/Consideration: Excerpt from the MCWD Board Procedures Manual and the Water Conservation Commission Procedures with modifications.

Staff Recommendation: The Water Conservation Commission recommend to the Board of Directors the approval of the Commission's proposed modification to their WCC Procedures and the Board Procedures Manual.

Marina Coast Water District
Water Conservation Commission
Agenda Transmittal

Agenda Item: 7

Meeting Date: October 4, 2012

Submitted By: Brian True

Presented By: Brian True

Reviewed By: James Derbin

Agenda Title: Review Proposed and Suggested Agenda Items for November 1, 2012 and Future Dates

Detailed Description: The Commission is to review proposed agenda items for the November 1, 2012 meeting and may suggest new agenda items for future Water Conservation Commission meetings.

Staff-suggested agenda items for the November 1, 2012 Water Conservation Commission Meeting include the following:

- Receive an update on the school education program from Mary Linzer

Potential agenda items for the October 4, 2012, Commission meeting or future meetings include the following:

- Water Supply Augmentation Projects – MCWD desal plant tour; recycled water use; grey water use
- Review BMPs
- New Water Saving Devices and Technologies – Consider rebates for rainwater catchment and use
- Developing Improved Commodity Rates for Water Connections
- Developing Water-budgets for Large Landscapes
- Address Temporary Landscapes and their source of water (hydrant metering, temp connections)
- Improve/expand the Landscape Incentive Program
- Compliance Inspections of New Developments
- Review State programs/mandates with which MCWD maintains compliance
- Review State mandated science curriculum for elementary school levels K – 3rd grade
- Review Commission member proposal to change the contracting procedures followed to initiate an annual MOU with the Monterey Peninsula Unified School District for Water Science Instruction
- Update Landscape Standards and Forms
- Our Water – Sources; Conveyance and distribution; Storage
- Consider WCC involvement in the United Nations World Water Day
- Work-place Violence training