



MARINA COAST WATER DISTRICT

11 RESERVATION ROAD, MARINA, CA 93933-2099

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Agenda

Regular Meeting

Water Conservation Commission

MCWD Board Room, 11 Reservation Road, Marina, CA

Thursday, May 4, 2017, 5:30 PM

Water Conservation Commission Mission Statement

To provide input to the Board of Directors on matters pertaining to the preservation of the District's water resource through conservation, technological improvements and policy.

Commission Members

Chair - Philip Clark

Vice Chair - Charlie Eskridge

Jan Shriner (MCWD Board Representative)

Dave Brown (Marina City Council)

Margaret-Anne Coppernoll (Public Member)

Jim Felton (Public Member)

Jason Montgomery (Public Member)

Tom Britzman (Public Member)

Bethany Taylor (Public Member)

Walter Erwin (Public Member)

This meeting has been noticed according to the Brown Act rules. The Commission will receive information on, discuss, and may consider taking action or directing staff to return to the Board for action on items contained in this agenda. Some items are informational and are provided as a written report or verbal update and may not require Commission action.

1. Call to Order/Roll Call

2. Public Comments on any item not on the Agenda *Any person wishing to address the Commission 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 Commission.*

3. Action Items:

A. Approve the April 6, 2017 Meeting Minutes

B. Consider Recommending Board Approval of the Proposed Modifications to the Clothes Washer Rebate Tiers and the Top Rebate Payment

4. Staff Reports:

A. Receive a Verbal Update on Recent and Future Public and Private Water Conservation Education Events

- B. Receive an Update on State Executive Order B-40-17, Removing the Drought Emergency for Much of the State
 - C. Receive a Verbal Update on the Recruitment of a Water Science/Conservation Teacher
 - D. Review Proposed Working Group Meetings and Agenda Items for the June 1, 2017 WCC Meeting and Future Meetings
5. Receive Update on Board/District Activities
 6. Receive Comments from Commission Members *Please limit your comments to three minutes.*
 7. Adjournment

Marina Coast Water District
Water Conservation Commission
Agenda Transmittal

Agenda Item: 3-A

Meeting Date: May 4, 2017

Prepared By: Paula Riso

Presented By: Paula Riso

Agenda Title: Approve the April 6, 2017 Meeting Minutes

Background: *2016 Strategic Plan, Mission Statement – We Provide 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.*

Discussion/Analysis: The draft minutes of April 6, 2017 are provided for the Commission to consider approval.

Environmental Review Compliance: None required.

Financial Impact: ___Yes ___X___No Funding Source/Recap: None

Other Considerations: The Commission can suggest changes/corrections to the minutes.

Material Included for Information/Consideration: Draft minutes of the April 6, 2017 meeting.

Action Required: ___Resolution ___X___Motion ___Review

Commission Action

Motion By _____ Seconded By _____ No Action Taken _____

Ayes _____ Abstained _____

Noes _____ Absent _____

Marina Coast Water District
Water Conservation Commission
Agenda Transmittal

Agenda Item: 3-B

Meeting Date: May 4, 2017

Prepared By: Paul Lord

Presented By: Paul Lord

Reviewed By: Jean Premutati

Agenda Title: Consider Recommending Board Approval of the Proposed Modifications to the Clothes Washer Rebate Tiers and the Top Rebate Payment

Staff Recommendation: The Water Conservation Commission recommend Board approval of the proposed modifications to the Clothes Washer Rebate tiers and the top rebate payment.

Background: *Strategic Plan, Strategic Goal 1.7 – Review and update our water conservation program.*

The high-efficiency (HE) clothes washer rebate tiers were first established in July 2007. The existing rebate payment amounts, for various levels of clothes washer machine water use efficiency, are shown in the table below. The most water efficient machines receive the highest rebate payment.

The water use efficiency (Water Factor) of machines in 2007 ranged between 10 and 3.2 gallons of water used per cubic foot of laundry machine capacity. The majority of HE clothes washer rebates provided at that time were for clothes washers having a Water Factor near 4.5.

In the last nine years, the efficiency of machines has greatly improved. Now, most HE clothes washers rebates provided are for clothes washers having an integrated water factor of 3.2, with the most efficient machines having a factor as low as 2.9.

Discussion/Analysis: Because clothes washer water use efficiency has improved so much over the past nine years, and the majority of rebates paid out have been at the highest payment tier, a review of the rebates provided by the District in the past 2.5 years was conducted. The review revealed that 99% of the recent clothes washer rebate applicants received a rebate in the highest payment tier, compared to 45% of applicants nine years ago. Of the 378 rebate applicants, 375 received the \$125 rebate, 1 received the \$50 rebate and 2 did not receive a rebate because the washer was over 8.0 water factor.

Water Factor	Rebate Amount
Above 8.0	None
6.1 – 8.0	\$50
4.6 – 6.0	\$100
4.5 or Lower	\$125

To keep our program current with the latest developments in water conservation policy and available clothes washer technology, and in support of the District’s goal to provide incentives to encourage customers to choose the most water efficient clothes washing machines, staff proposes shifting the three existing rebate payment tiers closer towards the end of the efficiency range (more efficient, lower water use machines). The following tables illustrate this proposed change.

To further incentivize customers to replace older clothes washer machines and to choose the most efficient machines available, it is suggested by the Water Conservation Commission working group members that the highest rebate amount be increased from \$125 to \$150. Financially, this is reasonable because fewer rebates are anticipated at the highest tier, and rebates will no longer be provided for the purchase of the least efficient clothes washing machines.

PROPOSED REBATE TIERS	
Water Factor	Rebate Amount
Above 3.8	None
3.5 – 3.8	\$50
3.0 – 3.4	\$100
2.9 or Lower	\$150

Using the proposed rebate tiers, and based on the Water Factor of the 378 machines rebated in the past 2.5 years, it is estimated that only 85% of applicants in the future would receive a rebate. Approximately 15% of clothes washers purchased would not qualify for any rebate. Only 20% of applicants would now get the highest rebate of \$150, 30% would get the \$100 rebate, and 35% would get a \$50 rebate.

Again, based on rebates provided over the last 2.5 years, it is estimated that the proposed changes could reduce the future annual, rebate expenditures by as much as 40% (\$47,250 – to - \$28,750).

A new public information campaign would announce any program changes prior to the roll-out of the new tiers in July of 2017 (FY 2017-2018).

Environmental Review Compliance: None required.

Financial Impact: X Yes No Funding Source/Recap: Proposed 2017-2018 water conservation budget for clothes washer rebates, Marina and Ord service area water cost centers.

Other Considerations: The Commission can suggest changes/corrections to the proposal.

Material Included for Information/Consideration: None.

Action Required: _____ Resolution X Motion _____ Review

Commission Action

Motion By _____ Seconded By _____ No Action Taken _____

Ayes _____ Abstained _____

Noes _____ Absent _____

Marina Coast Water District
Water Conservation Commission
Staff Report

Agenda Item: 4-A

Meeting Date: May 4, 2017

Prepared By: Paul Lord

Presented By: Paul Lord

Reviewed By: Jean Premutati

Subject: Receive a Verbal Update on Recent and Future Public and Private Water Conservation Education Events

Summary: The following public and private events have been, or will be, scheduled for attendance by the Water Conservation Department staff. Staff will provide the Commissioners with a brief update on the events.

- a. City of Marina Earth Day, Saturday, April 8th
- b. DoD Center Monterey Bay Green Fair, Tuesday, April 18th
- c. Marina Garden Club, 2017 Marina Garden Tour Planning Event
- d. CSUMB Earth Festival, Wednesday, April 26th
- e. Spreckles Science Fair, Friday, April 28th
- f. Kid's Celebration Day, Saturday, May 6th
- g. Marina Garden Tour, Sunday, May 21st
- h. Seaside High School, Spanish Class Presentations, May 23rd & 26th

Marina Coast Water District
Water Conservation Commission
Staff Report

Agenda Item: 4-B

Meeting Date: May 4, 2017

Prepared By: Paul Lord
Reviewed By: Jean Premutati

Presented By: Paul Lord

Subject: Receive an Update on State Executive Order B-40-17, Removing the Drought Emergency for Much of the State

Summary: On April 7th, following unprecedented water conservation and plentiful winter rain and snow, Governor Edmund G. Brown Jr. ended the drought state of emergency in most of California, while maintaining water reporting requirements and prohibitions on wasteful practices, such as watering during or right after rainfall events.

Executive Order B-40-17 lifts the drought emergency in all California counties except Fresno, Kings, Tulare and Tuolumne, where emergency drinking water projects will continue to help address diminished groundwater supplies. Today's order also rescinds two emergency proclamations from January and April 2014 and four drought-related executive orders issued in 2014 and 2015.

Executive Order B-40-17 directed the State Water Board to rescind portions of its existing emergency regulations that require the Marina Coast Water District to perform a water supply stress test or adopt a mandatory conservation standard equal to an 11% reduction in potable water production. This action was completed by the State Water Board on May 26th. The Executive Order also directs the State Water Board to continue development of permanent prohibitions on wasteful water use, such as watering during or after rainfall, hosing off sidewalks and irrigating ornamental turf on public street medians. Staying in place is a permanent requirement that the District report monthly water production and use, and portions of the emergency regulations that prohibit certain wasteful water practices.

Executive Order B-40-17 builds on actions taken in Executive Order B-37-16, which remains in effect, to continue making water conservation a way of life in California. The framework of the new plan requires new legislation to establish long-term water conservation measures and improved planning for more frequent and severe droughts.

Marina Coast Water District
Water Conservation Commission
Staff Report

Agenda Item: 4-C

Meeting Date: May 4, 2017

Prepared By: Paul Lord

Presented By: Paul Lord

Reviewed By: Jean Premutati

Subject: Receive a Verbal Update on the Recruitment of a Water Science/Conservation Teacher

Summary: Working with the Human Resources staff at the Monterey Peninsula Unified School District, the job posting for the Water Science/Conservation teacher position has run approximately one month. A total of eight job applications were successfully screened by the school district and forwarded to our staff for the interview process. Interviews of all the applicants is scheduled for May 3, 2017. Staff will provide the Commissioners with an update on the results of the interviews at the Monthly WCC Meeting on May 4th.

Marina Coast Water District
Water Conservation Commission
Staff Report

Agenda Item: 4-D

Meeting Date: May 4, 2017

Prepared By: Paul Lord
Reviewed By: Jean Premutati

Presented By: Paul Lord

Subject: Review Proposed Working Group Meetings and Agenda Items for the June 1, 2017 WCC Meeting and Future Meetings

Summary: The Commission is to review proposed working group meetings and agenda items for the June 1, 2017 meeting.

2017 WCC Monthly Meeting and Working Group Topics - Revised April 27, 2017				
Month	Topic #1	Topic #2	Topic #3 (optional)	Working Group
January	2017 Goals/objectives			Revise Rebates
February	2017 Goals/objectives	Revise Rebates	Public Information / Public events	Revise Rebates
March	Resale Retrofitting	New state guidelines	Draft 2017 Budget	Update Landscape Standards
April	Revised Rebates	Approve CCR	Update Landscape Standards	Water loss
May	In-school program	Revised State Regulations	Public Information / Public events	Toilet Retrofitting Upon Resale
June	Toilet Retrofitting Upon Resale	Review WCC Goals	In-school MOU	
July	Public Information/ Public events		Public Information/ Public events	Greywater
August	Water loss	WCC Applications		Water Shortage Contingency Plan
September	Greywater	Landscape Budgets		WCC Orientation
October	Water Shortage Contingency Plan			
November	TBD			
December	TBD			