



MARINA COAST WATER DISTRICT

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DIRECTORS

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WILLIAM Y. LEE
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Agenda
Regular Meeting
Water Conservation Commission
MCWD Board Room, 11 Reservation Road, Marina, CA
Thursday, June 7, 2018, 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)

Efrem Valentin (Public Member)

Bethany Taylor (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 Item:

A. Approve the May 3, 2018 Meeting Minutes

4. Staff Reports:

A. Review Commissioner Ranking of 2018 WCC Goals and Objectives

B. Receive a Verbal Update on the May 10th WCC Working Group Meeting

C. Receive Updated GPCD, Water Production, and Water Consumption Data

D. Receive an Update of Recent Public Events Attended

5. Receive an Update on Board/District Activities

6. Receive Comments from Commission Members *Please limit your comments to three minutes.*

7. Adjournment: Next Meeting: Thursday, July 12, 2018, 5:30 p.m.

Marina Coast Water District
Water Conservation Commission
Agenda Transmittal

Agenda Item: 3-A

Meeting Date: June 7, 2018

Prepared By: Paula Riso

Presented By: Paula Riso

Agenda Title: Approve the May 3, 2018 Meeting Minutes

Background: *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 May 3, 2018 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 May 3, 2018 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
Staff Report

Agenda Item: 4-A

Meeting Date: June 7, 2018

Prepared By: Paul Lord

Presented By: Paul Lord

Reviewed By: Patrick Breen

Subject: Review Commissioner Ranking of 2018 WCC Goals and Objectives

Summary: As discussed at the April 5, 2018 WCC meeting, staff surveyed the Commissioners asking them to rank the listing of goals and objectives for 2018. At tonight's meeting, staff will present the results of that process.

The attached ranked goals and objectives will help staff schedule appropriate topics for discussion at future commission and working group meetings.

Marina Coast Water District
Water Conservation Commission
Staff Report

Agenda Item: 4-B

Meeting Date: June 7, 2018

Prepared By: Paul Lord
Reviewed By: Patrick Breen

Presented By: Paul Lord

Subject: Receive an Update on the May 10th WCC Working Group Meeting

Summary: The main topic of conversation at the meeting was the list of possible program changes to the Landscape Incentive Program and the comments received from the Commissioners at the May 3rd WCC meeting.

Working group members reviewed the annual budget for landscape incentives. In 2017-2018, that amount is \$36,000. \$29,880 is allocated to the Marina Service Area, and \$6,120.00 is allocated to the Ord Service Area.

There was discussion and Working Group member support for staff's request to keep the incentive for conversion of sprinklers to drip and allowing customers to choose either the lawn replacement incentive or the sprinkler conversion incentive, but not both combined.

Members discussed features of other District's programs and agreed that the District should add a requirement that old spray type lawn sprinkler zones be either removed or retrofitted to drip irrigation. Also, existing sprinkler systems must be in acceptable working condition prior to the conversion to drip irrigation. These requirements would save additional water and not increase water use for areas that previously had abandoned irrigation systems that were not used.

Members also continued the discussion about the number of trees and shrubs the District would require when replacing turf. With no alternative suggested by the Commissioners, staff recommended adjusting the possible program change from one existing or new tree per 1,000 sq. ft. to one existing or new tree per 5,000 sq. ft. All members felt the proposed requirement to install 2,750 square feet of new plant canopy or artificial turf per 10,000 Sq. Ft. of renovated area (27.5% of the renovated area) was appropriate and that it should not be changed.

Being comfortable with the proposed program changes, and to avoid creating separate requirements for customers with very large landscapes and possible very large turf replacement projects, the Working Group members and staff agreed that increasing the maximum rebate amount to \$10,000 annually for dedicated landscape, commercial, institutional, industrial, and multi-family accounts, and \$5,000 for single-family accounts is the best solution. Applicants may apply in following years if their project is very large and exceeds the set annual maximum rebate amount.

Marina Coast Water District
Water Conservation Commission
Staff Report

Agenda Item: 4-C

Meeting Date: June 7, 2018

Prepared By: Paul Lord
Reviewed By: Patrick Breen

Presented By: Paul Lord

Subject: Receive Updated GPCD, Water Production, and Water Consumption Data

Summary: In 2014, responding to the ongoing drought, the State Water Resources Control Board (SWRCB) approved an emergency regulation that directed water purveyors to electronically report monthly water production and consumption figures. Also requested by the SWRCB is an estimate of the amount of water used each day by residential customers. This estimate, called “residential gallons per capita per day”, or R-GPCD, more accurately portrays water use by individuals and allows communities to compare their efforts accurately with others around the state.

In support of the SWRCB actions, Marina Coast Water District staff has increased their efforts to compile and submit the required production, R-GPDC data, and other required monitoring reports each month. Staff will provide tables and charts that show water production figures through April 2018. Staff will also include tables and charts showing the gallons-per-capita-day (GPCD) and R-GPCD data that has been compiled. The documents are entitled:

- 2010 - 2018 Total Production by Month
- Monthly Production Savings and Cumulative Savings, January 2016 – Current Month
- 2018 Production vs. Water Production Reduction Goals
- 2013 - 2018 Monthly GPCD (Gross Production)
- 2013 – 2018 Residential Gallons-Per-Capita-Day
- 2013 – 2018 Total Billed Consumption (Line Graph)
- 2017 Total Billed Consumption (Pie Chart)
- 2013 – 2018 Total Consumption by Month (Bar Graph)
- 2013 – 2018 Single-Family Consumption by Month
- 2013 – 2018 Multi-Family Consumption by Month
- 2013 – 2018 Residential Consumption by Month
- 2013 – 2018 Commercial/Institutional Consumption by Month
- 2013 – 2018 Landscape Irrigation Consumption by Month
- 2015 – 2018 Temporary Hydrant Meter Water Use and Number of Meters
- 12 Month Categorical Meter Count
- 2015-2018 Active Meter Count vs Metered Consumption

Marina Coast Water District
Water Conservation Commission
Staff Report

Agenda Item: 4-D

Meeting Date: June 7, 2018

Prepared By: Paul Lord

Presented By: Paul Lord

Reviewed By: Patrick Breen

Subject: Receive an Update of Recent Public Events Attended

Summary: Staff and Commissioners participated in the following public and Semi-private events during the month of April and May 2018:

- Wednesday April 4th, 6th Annual Presidio of Monterey Earth Day Fair
- Thursday April 5th, MCWD/Rain Bird Irrigation Training Event
- Wednesday April 18th, Seaside High School Sustainability Fair
- Thursday April 19th, CSUMB Associated Students Earth Festival
- Saturday April 21st, Last Chance Mercantile Earth Day Organic Plant and Compost Sale
- Saturday May 12th, Kids Celebration Day (Marina Library)

Unfortunately, staff did not set up the water conservation booth at Earth Day Marina on Saturday, April 7th. Staff cancelled participation at the last minute due to rain.

These public events provide the District staff with an opportunity for targeted water conservation outreach.

The Commissioners often work with staff at these events to deliver water conservation education and materials to the public. The Commissioners are encouraged to sign up for the available volunteer opportunities each month.

Following are public events scheduled for the month of July 2018:

- Saturday July 14th, Fort Ord Cleanup - Community Involvement Mobile Workshop and Open House