



MARINA COAST WATER DISTRICT

11 RESERVATION ROAD, MARINA, CA 93933-2099

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DIRECTORS

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President

JAN SHRINER
Vice President

WILLIAM Y. LEE
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Agenda

Regular Meeting

Water Conservation Commission

MCWD Board Room, 11 Reservation Road, Marina, CA

Thursday, May 3, 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 April 5, 2018 Meeting Minutes

4. Staff Reports:

A. Review and Comment on Proposed Changes to the Landscape Incentive Program

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

C. Receive an Update and View Slides 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, June 7, 2018, 5:30 p.m.

Marina Coast Water District
Water Conservation Commission
Agenda Transmittal

Agenda Item: 3-A

Meeting Date: May 3, 2018

Prepared By: Paula Riso

Presented By: Paula Riso

Agenda Title: Approve the April 5, 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 April 5, 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 April 5, 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: May 3, 2018

Prepared By: Paul Lord

Presented By: Paul Lord

Reviewed By: Patrick Breen

Subject: Review and Comment on Draft Changes to the Landscape Incentive Program

Summary: To improve customer participation, improve the MCWD customer experience, and increase the water savings from the District's Landscape Incentive Program, the Commissioners were asked to review the existing landscape incentive program procedures and project eligibility requirements at the April 5, 2018 meeting. The Commissioners were asked to develop recommendations to improve the program. No new program changes were suggested at the April meeting, yet there was agreement that staff should bring forward a more defined listing of proposed program changes developed from past experiences and WCC Working Group meetings.

Details of the existing program were discussed at two WCC working group meetings, conducted in the Spring of 2017 and 2018. At both meetings Commissioners and staff expressed an opinion that few changes were required to improve participation and water savings, and that the amount of the incentive provided was likely the factor limiting program participation.

At both meetings, the Commissioners and staff discussed the incentives provided for lawn replacement. The Commissioners agreed that the incentive would be more attractive to customers if it were increased to as much as \$1.00 per square foot. The Commissioners also discussed creating different incentives for various customer classifications (Commercial, Industrial, Institutional, Single Family, Multi-family), and perhaps increasing the current maximum incentive payment available to some program participants.

Below is a listing of possible program changes to discuss and further refine:

Landscape Project Criteria

1. Establish that when replacing lawn with low-water use landscaping, some of the lawn area renovated be replaced with WUCOLS-listed low- or very-low water use plants, new mature tree canopy area, or new decorative rock at the following rates:
 - a. 50% - for the renovated lawn area up to 1,000 square feet. (same as before)
 - b. 25% - for the additional renovated lawn area between 1,000 square feet and 10,000 square feet. (50% of the previous planted area required)
 - c. 10% - for the additional renovated lawn area over 10,000 square feet. (20% of the previous planted area required)
2. Establish that the remaining, lawn replacement project area that is not replaced with WUCOLS-listed low- or very-low water use plants, new mature tree canopy area, or new decorative rock must be new porous hardscape or receive a minimum of 3" decorative mulch.

3. Establish that hardscape installed in the lawn replacement project area must be permeable, pervious, or porous.
4. Establish that the turf replaced may be living or dead at the time of application to the program. But, there must be evidence of a previous lawn. All the turf must still be in place at the time of staff's initial project review and project approval.
5. Establish that Solarization and Sheet Mulching are acceptable methods of lawn removal.
6. Establish that without an authorized exemption, only drip or dripperline emission devices are permitted in the irrigation zones retrofitted from sprinklers to drip irrigation
7. Establish that at least one existing or new tree per thousand square feet of project area (beyond the first 1,000 square feet), be incorporated into the converted landscape.
8. Establish that abandoned or inoperative irrigation system components be removed and that the associated water supply lines capped.
9. Establish that the definition of a landscape site is the area served by a single, metered water service.
10. Establish that only existing sites, developed before January 1st 2009, are eligible for the incentives.
11. Establish that only with District approval, may a projects installation window exceed 60 days from the time of initial project approval.
12. Clarify that incentive payments under \$600 shall be dispersed to the customer as a credit towards their future water bills.

Incentive Payments

1. Change the incentive payments as follows:
 - a. Lawn Replacement
 - i. Increase the incentive from \$0.25 to \$0.50 per square foot for the first 5,000 square feet. (double the previous amount)
 - b. Sprinkler Renovation to Drip
 - i. Increase the incentive from \$0.25 to \$0.50 per square foot for the first 5,000 square feet of irrigated area (double the previous amount)
 - c. Rain Shut-off Switch Rebate
 - i. Increase the incentive from a maximum payment of \$50 to \$100.
2. Change the Maximum Rebate Amount a project is eligible for as follows:
 - a. Lawn Replacement
 - i. For only Multi-family, Commercial, Institutional, Industrial and Dedicated Irrigation accounts
 1. Increase the maximum rebate amount from \$1,500 to \$5,000 per site or area served by a metered connection. (increase of 233%)
 - ii. For only single-family residential accounts
 1. Increase the maximum rebate amount from \$1,500 to \$2,000 per site or area served by a metered connection. (increase of 33%)

- b. ET Controller Rebate
 - i. For Commercial, Institutional and Industrial accounts
 - 1. Increase the incentive for additional, operational stations controlled from \$20 to \$40 for each additional station beyond six stations (doubles the incentive for larger sites)

Program Procedures

- 1. Establish a dispute resolution process for applicants.

Marina Coast Water District
Water Conservation Commission
Staff Report

Agenda Item: 4-B

Meeting Date: May 3, 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 March 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-C

Meeting Date: May 3, 2018

Prepared By: Paul Lord

Presented By: Paul Lord

Reviewed By: Patrick Breen

Subject: Receive an Update and View Slides of Recent Public Events Attended

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

- 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

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 May 2018:

- Saturday May 12th, Kids Celebration Day (Marina Library)