



# MARINA COAST WATER DISTRICT

11 RESERVATION ROAD, MARINA, CA 93933-2099

Home Page: [www.mcwd.org](http://www.mcwd.org)

TEL: (831) 384-6131 FAX: (831) 883-5995

## DIRECTORS

HOWARD GUSTAFSON  
*President*

THOMAS P. MOORE  
*Vice President*

WILLIAM Y. LEE  
JAN SHRINER

## Agenda

### Regular Meeting

### Water Conservation Commission

Thursday, June 2, 2016, 5:30 PM

MCWD Board Room, 11 Reservation Road, Marina, CA

#### 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 - Grace Silva-Santella  
Vice Chair - Audie Robinson  
Jan Shriner (MCWD Board Representative)  
Dave Brown (Marina City Council)

JoAnn Cannon (Public Member)  
Jim Felton (Public Member)  
Bethany Taylor (Public Member)  
Charlie Eskridge (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/Introduction
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 to Approve the May 5, 2016 Meeting Minutes
4. Receive Updated GPCD, Water Production, and Water Consumption Data
5. Discussion and Possible Action to Consider Recommending Adoption of a Resolution to Declare Water Conservation Stage 2 as Allowed by the State Water Resource Control Board's Emergency Mandatory Water Conservation Regulations
6. Review and Propose Agenda Items for the July 7, 2016 WCC Meeting and Future Meetings
7. Receive Update on Board/District Activities

8. Receive Comments from Commission Members

9. Adjournment

Marina Coast Water District  
Water Conservation Commission  
Agenda Transmittal

Agenda Item: 3

Meeting Date: June 2, 2016

Prepared By: Paula Riso

Presented By: Paula Riso

Agenda Title: Action to Approve the May 5, 2016 Meeting Minutes

Background: *2014 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 5, 2016 are provided for the Commission to consider approval.

Environmental Review Compliance: None required.

Financial Impact:  Yes  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 5, 2015 meeting.

Action Required:  Resolution  Motion  Review

---

Board Action

Motion By \_\_\_\_\_ Seconded By \_\_\_\_\_ No Action Taken \_\_\_\_\_

Ayes \_\_\_\_\_ Abstained \_\_\_\_\_

Noes \_\_\_\_\_ Absent \_\_\_\_\_

Marina Coast Water District  
Water Conservation Commission  
Staff Report

Agenda Item: 4

Meeting Date: June 2, 2016

Prepared By: Paul Lord

Presented By: Paul Lord

Reviewed By: James Derbin

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

Summary: In response to the ongoing drought, the State Water Resources Control Board (SWRCB) approved an emergency regulation that directs water purveyors to electronically report monthly water production and consumption figures. Also to be reported to 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 current tables and charts that show the most recent water production figures. Staff will also include tables and charts showing the gallons-per-capita-day (GPCD) and R-GPCD data that has been most currently compiled. The documents are entitled:

- 2010 - 2016 Total Production by Month
- Monthly Production Savings and Cumulative Savings, June 2015 – Current Month
- Monthly Production Reduction Performance
- 2013 - 2016 Monthly GPCD (Gross Production)
- 2013 – 2016 Residential Gallons-Per-Capita-Day
- 2008 – 2016 Annual Total Consumption By Month
- 2013 – 2016 Total Consumption
- 2016 Metered Consumption and Number of Meters
- 2016 Temporary Hydrant Meter Water Use: Percentage of Total Production
- 2013-2016 Single-Family Consumption By Month (Acre-Feet)
- 2013-2016 Multi-Family Total Consumption By Month (Acre-Feet)
- 2013-2016 Residential Total Consumption By Month (Acre-Feet)
- 2013-2016 Commercial/Institutional Consumption By Month (Acre-Feet)
- 2013-2016 Landscape Consumption By Month (Acre-Feet)

Marina Coast Water District  
Water Conservation Commission  
Agenda Transmittal

Agenda Item: 5

Meeting Date: June 2, 2016

Prepared By: Paul Lord

Presented By: Paul Lord

Reviewed By: James Derbin

Agenda Title: Discussion and Possible Action to Consider Recommending Adoption of a Resolution to Declare Water Conservation Stage 2 as Allowed by the State Water Resource Control Board's Emergency Mandatory Water Conservation Regulations

Staff Recommendation: The Water Conservation Commission recommend that the Board of Directors consider approval of a Resolution to Declare Water Conservation Stage 2 as allowed by the State Water Resource Control Board's Emergency Mandatory Water Conservation Regulations.

Background: 2015/16 Strategic Plan, Goal 1.7 - *Review and update our water conservation program - We recognize that drinking water is one of the most precious resources on earth. We will assign this to the Water Conservation committee to review and update our water conservation program to ensure we are appropriately managing our water sources.*

On November 3, 2014, in response to the State Water Resources Control Board's (SWRCB) Emergency Mandatory Water Conservation Regulations, that went into effect on July 29, 2014, the District declared that some Stage 3 mandatory water use restrictions would go into effect.

At that time, the District jumped from Stage 1 to Stage 3 water use restrictions solely because the SWRCB's regulations mandated that local water districts declare a stage of its water shortage contingency plan that imposes mandatory restrictions on outdoor irrigation of ornamental landscapes or turf with potable water. The Stage 3 restrictions declared by the District primarily addressed outdoor irrigation by restricting the permitted watering days to only Wednesdays and Saturdays.

On May 18, 2016, in recognition of differing water supply conditions across the state, the State Water Resources Control Board adopted a new statewide water conservation approach that replaces the prior percentage reduction-based water conservation standard with an optional, localized "stress test" approach. The new, modified emergency water conservation regulations are in force through the end of January 2017. For water purveyors that choose to forego analysis of their water supply/demand balance and do not declare an estimate of water supply deficit, the existing conservation standard applies.

In response to the statewide drought, and since Governor Brown's April 1, 2015 Executive Order mandating a 25 percent water use reduction by users, the District's customers have achieved unprecedented water conservation. District water production has been reduced 31% cumulatively since June of 2015 compared to usage during the same months in 2013. As of the end of April,

the District has exceeded the state mandated conservation standard of 12% in each of the first ten months of mandated reductions, and has easily exceeded the new, adjusted standard of 11% in April. In addition, the District has exceeded its own Stage 3 reduction goal of 30% in eight of the past eleven months. Looking forward, from June 2016 through January of 2017, cumulative water use would have to drop to less than an 11% reduction from 2013 figures to not meet the state mandated District conservation standard.

The one primary negative result of the water use restrictions and the conservation efforts of citizens, is that landscape conditions have declined throughout the community. The once healthy appearance of city properties and many neighborhoods has changed, with lawns left to go brown and many landscape trees and shrubs having visible signs of stress and pest damage. The restricted watering days has frustrated some Landscape Water Managers, who have expressed a desire for more flexibility regarding permitted watering days. Some have expressed their conviction that water use reductions could still be achieved without restricted watering days, which leads to undesirable stress in their landscape plantings.

Although there has been significant growth of the community over the past few years, water production, water consumption, and GPCD usage are all illustrated by downward trend lines. 2015 water production was down 22.5% compared to 2008. GPCD has been dropping, and the 2015 GPCD figure of 89 surpasses the State mandated 2020 target of 117 GPCD by 23.9%.

The District's current water supply is produced through groundwater pumping from the large Salinas Valley Groundwater Basin and supply availability from this basin has not historically varied due to short term hydrologic conditions. Throughout this drought, the District's water production has remained steady, and reliable. The District's water supply is not experiencing a severe or moderate water shortage requiring demand reductions of 20% to 30%.

As a result of four years of heightened water conservation education and targeted conservation programs, the State Water Board estimates that suppliers and their customers will continue to save water in response to the extended regulation from June 2016 through January 2017. It is believed that customers have learned to become more efficient water users, and that water use levels should continue to be lower than in past years. A declaration of Stage 2 water use restrictions, with a Demand Reduction Goal of 20%, would continue to support aggressive conservation and water use efficiency while allowing more elasticity in water use practices in-line with the community's reliable water production capacity.

The new Emergency Regulations no longer specifically requires each urban water supplier to implement a stage of its water shortage contingency plan that imposes mandatory restrictions on outdoor irrigation of ornamental landscapes or turf with potable water. Therefore, after taking into consideration all the factors stated above, staff believes the Commission should consider recommending that the Board of Directors consider approval of a Resolution declaring Water Conservation Stage 2, as allowed by the State Water Resource Control Board's Emergency Mandatory Water Conservation Regulations.

Environmental Review Compliance: None required.

Financial Impact:     \_\_\_ Yes     \_\_\_ X No

Other Considerations: None.

Material Included for Information/Consideration: a draft Resolution; and, the Current District Water Shortage Contingency Plan, adopted July 6, 2015.

Action Required:      \_\_\_\_\_Resolution        X  Motion      \_\_\_\_\_Review

---

Commission Action

Motion By \_\_\_\_\_      Seconded By \_\_\_\_\_      No Action Taken \_\_\_\_\_

Ayes \_\_\_\_\_      Abstained \_\_\_\_\_

Noes \_\_\_\_\_      Absent \_\_\_\_\_

# DRAFT

July 5, 2016

Resolution No. 2016-XX  
Resolution of the Board of Directors  
Marina Coast Water District  
Declaring Water Conservation Stage 2 as Allowed by the State Water Resource Control Board's  
Emergency Mandatory Water Conservation Regulations

RESOLVED by the Board of Directors (“Directors”) of the Marina Coast Water District (“MCWD”), at a regular meeting duly called and held on July 5, 2016, at 211 Hillcrest Avenue, Marina, California as follows:

WHEREAS, on May 9, 2016, Governor Brown issued Executive Order B-37-16 calling on the Water Board to adjust emergency water conservation regulations through the end January 2017 in recognition of differing water supply conditions across the state; and,

WHEREAS, under the May 5, 2015 emergency regulation, as revised February 2, 2016, the Marina Coast Water District has reduced potable water production thirty-one percent cumulatively since June of 2015 compared to usage during the same months in 2013; and,

WHEREAS, the District water production savings have far exceeded the mandated eleven percent conservation standard assigned to the District under the emergency regulations; and,

WHEREAS, The State Water Board estimates that suppliers and their customers will continue to save water in response to the extended regulation from June 2016 through January 2017; and,

WHEREAS, the District’s current water supply is produced through groundwater pumping from the large Salinas Valley Groundwater Basin and supply availability from this basin has not historically varied due to short term hydrologic conditions; and,

WHEREAS, the District’ water supply is not actually experiencing a severe water shortage; and,

WHEREAS, the Emergency Regulations no longer specifically requires each urban water supplier to implement a stage of its water shortage contingency plan that imposes mandatory restrictions on outdoor irrigation of ornamental landscapes or turf with potable water; and,

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the Marina Coast Water District does hereby do the following:

1. Declare a Water Conservation Stage 2 under the District’s Water Shortage Contingency Plan as allowed by the current State emergency water conservation regulations.
2. Direct staff to notify all customers in writing of this decision within 10 days of the date of adoption.



# DRAFT

PASSED AND ADOPTED on July 5, 2016 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, Deputy 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. 2016-XX adopted July 5, 2016.

\_\_\_\_\_  
Keith Van Der Maaten, Secretary

Marina Coast Water District  
Water Conservation Commission  
Staff Report

Agenda Item: 6

Meeting Date: June 2, 2016

Prepared By: Paul Lord

Presented By: Paul Lord

Reviewed By: James Derbin

Subject: Review and Propose Agenda Items for the July 7, 2016 WCC Meeting and Future Meetings

Summary: The Commission is to review proposed agenda items for the July 2016 meeting and may suggest new agenda items for future Water Conservation Commission meetings.

Suggested agenda items for the July 2016 Water Conservation Commission meeting include the following:

- Review Board consideration of changes to Stage 3 watering restrictions.
- Review draft changes to the water conservation ordinance re: the requirement to retrofit to HE toilets upon resale of property
- Continued updates on GPCD, Water Production, and Water Consumption Data
- Review, evaluate, and propose improvements to the High-Efficiency Toilet and Clothes Washer Rebate Programs
- Guest presentation
- Field trip to site of interest