

This meeting has been noticed according to the Brown Act rules. The Board of Directors meets regularly on the third Monday of each month. The meetings begin at 7:00 PM.



AGENDA

**Regular Meeting**

**Board of Directors**

**Monterey Peninsula Water Management District**

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**Monday, March 21, 2016**

**Closed Session – 5:45 pm**

2999 Salinas Highway, Monterey, CA 93940

**Regular Meeting - 7:00 PM**

Conference Room, Monterey Peninsula Water Management District

5 Harris Court, Building G, Monterey, CA

Staff notes will be available on the District web site at

<http://www.mpwmd.net/who-we-are/board-of-directors/bod-meeting-agendas-calendar/>

by 5 PM on Friday, March 18, 2016.

The 7:00 PM Meeting will be televised on Comcast Channels 25 & 28. Refer to broadcast schedule on page 3.

**5:45 PM CLOSED SESSION**

As permitted by Government Code Section 54956 et seq., the Board may adjourn to closed or executive session to consider specific matters dealing with pending or threatened litigation, certain personnel matters, or certain property acquisition matters.

**PUBLIC COMMENT** – Members of the public may address the Board on the items listed on the Closed Session agenda.

**ADJOURN TO CLOSED SESSION**

Conference with Labor Negotiators (Gov. Code 54957.6)

Agency Designated Representatives: David Stoldt, Suresh Prasad and Cynthia Schmidlin

Employee Organization: General Staff and Management Bargaining Units Represented by United Public Employees of California/LIUNA, Local 792

Unrepresented Employees: Confidential Unit

**ADJOURN TO 7 PM SESSION**

**7:00 PM REGULAR MEETING**

**CALL TO ORDER/ROLL CALL**

**PLEDGE OF ALLEGIANCE**

**Board of Directors**

Jeanne Byrne, Chair – Division 4

Robert S. Brower, Sr., Vice Chair – Division 5

Brenda Lewis – Division 1

Andrew Clarke - Division 2

Molly Evans – Division 3

David Pendergrass, Mayoral Representative

David Potter, Monterey County Board of

Supervisors Representative

**General Manager**

David J. Stoldt

This agenda was posted at the District office at 5 Harris Court, Bldg. G Monterey on Wednesday, March 16, 2016. Staff reports regarding these agenda items will be available for public review on 3/17/2016, at the District office and at the Carmel, Carmel Valley, Monterey, Pacific Grove and Seaside libraries. After staff reports have been distributed, if additional documents are produced by the District and provided to a majority of the Board regarding any item on the agenda, they will be available at the District office during normal business hours, and posted on the District website at <http://www.mpwmd.net/who-we-are/board-of-directors/bod-meeting-agendas-calendar/>. Documents distributed at the meeting will be made available in the same manner. The next regular meeting of the Board of Directors is scheduled for April 18, 2016 at 7 pm.

**ADDITIONS AND CORRECTIONS TO AGENDA** - The Clerk of the Board will announce agenda corrections and proposed additions, which may be acted on by the Board as provided in Sections 54954.2 of the California Government Code.

### **RECOGNITION OF FORMER DIRECTOR, DALE HEKHUIS**

**ORAL COMMUNICATIONS** - Anyone wishing to address the Board on Consent Calendar, Information Items, Closed Session items, or matters not listed on the agenda may do so only during Oral Communications. Please limit your comment to three (3) minutes. The public may comment on all other items at the time they are presented to the Board.

**CONSENT CALENDAR:** The Consent Calendar consists of routine items for which staff has prepared a recommendation. Approval of the Consent Calendar ratifies the staff recommendation. Consent Calendar items may be pulled for separate consideration at the request of a member of the public, or a member of the Board. Following adoption of the remaining Consent Calendar items, staff will give a brief presentation on the pulled item. Members of the public are requested to limit individual comment on pulled Consent Items to three (3) minutes.

1. Consider Adoption of Minutes of the February 17, 2016 Special Board Meeting
2. Consider Adoption of Resolution 2016-05 Reestablish User Fee and Suspend its Collection on California American Water Bills for Remainder of Fiscal Year 2015-16
3. Consider Adoption of Resolution 2016-06 - Amendments to Rule 24, Table 2: Non Residential Water Use Factors
4. Consider Adoption of Resolution 2016-07 - Recognize Jason Burnett for Outstanding Leadership on Monterey Peninsula Water Supply Solutions
5. Authorize the Creation of an Assistant Water Resources Engineer Position and Recruitment for Candidates within the Engineering Career Ladder
6. Consider Expenditure for Assistance with Collection of Streamflow Measurements to Support Development of an Instream Flow Model for the Carmel River
7. Consider Expenditure to Contract with Consulting Team for North Monterey County Drought Contingency Plan
8. Declaration of Surplus Assets
9. Consider Adoption of Treasurer's Report for January 2016

### **GENERAL MANAGER'S REPORT**

10. Status Report on California American Water Compliance with State Water Resources Control Board Order 2009-0060 and Seaside Groundwater Basin Adjudication Decision
11. Update on Development of Water Supply Projects
12. Report on Drought Response

### **DIRECTORS' REPORTS (INCLUDING AB 1234 REPORTS ON TRIPS, CONFERENCE ATTENDANCE AND MEETINGS)**

13. Oral Reports on Activities of County, Cities, Other Agencies/Committees/Associations

**PUBLIC HEARINGS** – Public comment will be received on each of these items. Please limit your comment to three (3) minutes per item.

14. **Consider First Reading of Ordinance No. 170 – Amending Rules 11, 20, 21, 22, 23, 24, 25.5 and 142**

*Action: The Board will conduct a public hearing on the first reading of draft Ordinance No. 170 and consider approval and referral to a future meeting for second reading and adoption.*

15. **Consider Adoption of April through June 2016 Quarterly Water Supply Strategy and Budget**  
*Action: The Board will consider approval of a proposed production strategy for the California American Water Distribution Systems for the three-month period of April through June 2016. The strategy sets monthly goals for surface and groundwater production from various sources within the California American Water systems.*

**16. Consider Adoption of 2015 MPWMD Annual Report**

*Action: The District's enabling legislation requires that each year a public hearing be conducted on the annual report.*

**ACTION ITEMS** – No Action items are presented for Board consideration.

**DISCUSSION ITEMS** – Public comments will be received. Please limit your comment to three (3) minutes per item.

**17. This item was pulled from the agenda.**

**INFORMATIONAL ITEMS/STAFF REPORTS** The public may address the Board on Information Items and Staff Reports during the Oral Communications portion of the meeting. Please limit your comments to three minutes.

- 18. Letters Received Supplemental Letter Packet
- 19. Committee Reports
- 20. Monthly Allocation Report
- 21. Water Conservation Program Report
- 22. Carmel River Fishery Report for February 2016
- 23. Monthly Water Supply and California American Water Production Report

**ADJOURNMENT**

Board Meeting Broadcast Schedule – Comcast Channels 25 & 28	
View Live Webcast at <a href="http://Ampmedia.org">Ampmedia.org</a>	
Ch. 25, Sundays, 7 PM	Monterey
Ch. 25, Mondays, 7 PM	Monterey, Del Rey Oaks, Pacific Grove, Sand City, Seaside
Ch. 28, Mondays, 7 PM	Carmel, Carmel Valley, Del Rey Oaks, Monterey, Pacific Grove, Pebble Beach, Sand City, Seaside
Ch. 28, Fridays, 9 AM	Carmel, Carmel Valley, Del Rey Oaks, Monterey, Pacific Grove, Pebble Beach, Sand City, Seaside

Upcoming Board Meetings			
Monday, April 18, 2016	Regular Board Meeting	7:00 pm	District conference room
Monday, May 16, 2016	Regular Board Meeting	7:00 pm	District conference room
Monday, June 20, 2016	Regular Board Meeting	7:00 pm	District conference room

Upon request, MPWMD will make a reasonable effort to provide written agenda materials in appropriate alternative formats, or disability-related modification or accommodation, including auxiliary aids or services, to enable individuals with disabilities to participate in public meetings. MPWMD will also make a reasonable effort to provide translation services upon request. Please submit a written request, including your name, mailing address, phone number and brief description of the requested materials and preferred alternative format or auxiliary aid or service by 5:00 PM on Thursday, March 17, 2016. Requests should be sent to the Board Secretary, MPWMD, P.O. Box 85, Monterey, CA, 93942. You may also fax your request to the Administrative Services Division at 831-644-9560, or call 831-658-5600.



**ITEM: CONSENT CALENDAR****1. CONSIDER ADOPTION OF MINUTES OF THE FEBRUARY 17, 2016  
REGULAR MEETING OF THE BOARD OF DIRECTORS****Meeting Date: March 21, 2016** **Budgeted: N/A****From: David J. Stoldt,  
General Manager** **Program/  
Line Item No.: N/A****Prepared By: Arlene Tavani** **Cost Estimate: N/A****General Counsel Review: N/A****Committee Recommendation: N/A****CEQA Compliance: N/A**

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**SUMMARY:** Attached as **Exhibit 1-A** are draft minutes of the February 17, 2016 Regular meeting of the Board of Directors.**RECOMMENDATION:** District staff recommends approval of the minutes with adoption of the Consent Calendar.**EXHIBIT****1-A** Draft Minutes of the February 17, 2016 Regular Meeting of the Board of Directors





## **EXHIBIT 1-A**

DRAFT MINUTES  
**Regular Meeting**  
**Board of Directors**  
**Monterey Peninsula Water Management District**  
*February 17, 2016*

The meeting was called to order at 7 pm in the MPWMD conference room.

### **CALL TO ORDER/ROLL CALL**

*Directors Present:*

Jeanne Byrne – Chair, Division 4  
 Robert S. Brower, Sr. – Vice Chair, Division 5  
 Molly Evans – Division 3  
 Andrew Clarke – Division 2  
 David Pendergrass – Mayoral Representative  
 David Potter – Monterey County Board of Supervisors

*Directors Absent:*

Brenda Lewis – Division 1

*General Manager present:* David J. Stoldt

*District Counsel present:* Heidi Quinn

The assembly recited the Pledge of Allegiance.

### **PLEDGE OF ALLEGIANCE**

On a motion by Potter and second of Brower, Action Item 21 was withdrawn from the agenda. The motion was approved on a unanimous vote of 6 – 0 by Directors Potter, Brower, Byrne, Clarke, Evans and Pendergrass. Director Lewis was absent.

### **ADDITIONS AND CORRECTIONS TO AGENDA**

No comments were directed to the Board during Oral Communications.

### **ORAL COMMUNICATIONS**

On a motion by Pendergrass and second of Potter, the Consent Calendar was approved with the exception of Item 4 that was pulled for separate consideration. The motion was adopted on a vote of 6 – 0 by Directors Pendergrass, Potter, Brower, Byrne, Clarke and Evans. Director Lewis was absent.

### **CONSENT CALENDAR**

Adopted.

1. **Consider Adoption of Minutes of the January 27, 2016 Special Board Meeting**

Adopted.

2. **Consider Adoption of Resolution 2016 - 02 Declaring the Week of March 14 – 20, 2016 to be Fix a Leak Week**

Approved an expenditure of \$5,000.

On a motion by Brower and second of Clarke, an expenditure of \$45,000 was approved on a vote of Brower, Clarke, Byrne, Evans, Pendergrass and Potter. Lewis was absent.

Approved an expenditure of \$50,000.

Approved an expenditure of \$15,000.

Adopted.

Adopted.

Approved.

Approved.

A summary of Stoldt’s report can be viewed on the agency website or at the District office. Stoldt reported that the summary lists no actual production from water users subject to Table 13 water rights because the production totals were not available when the chart was prepared. The chart also does not reflect 211 acre-feet of water produced in January 2016 from the ASR project. He reported that at the end of January 2016, rainfall received was 129 percent of the long-term average, and streamflow was at 58 percent of long-term average.

No oral report – refer to staff note.

A summary of Stoldt’s report can be viewed on the agency website or at the District office. Stoldt reported that the state’s emergency conservation regulations required that water users within the Water Management District achieve an 8 percent reduction in water use from 2014 levels. The community has achieved an 18 percent reduction. The emergency conservation

3. **Consider Expenditure for Purchase of Internet License for Water Wise Gardening in Monterey County**
4. **Consider Expenditure for Water Conservation Equipment**
5. **Consider Contract with United States Geological Survey to Calibrate the Carmel River Basin Simulation Model**
6. **Consider Expenditure to Enter into Agreement with Tyler Technologies for Purchase and Implementation of Incode Utility Billing Software**
7. **Consider Adoption of Resolution No. 2016-04 - Amendment to Rule 24, Table 1 - Residential Fixture Unit Count Values**
8. **Consider Adoption of Treasurer's Report for December 2015**
9. **Receive and File Second Quarter Financial Activity Report for Fiscal Year 2015-16**
10. **Consider Approval of Second Quarter FY 2015-2016 Investment Report**

**GENERAL MANAGER’S REPORT**

11. **Status Report on California American Water Compliance with State Water Resources Control Board Order 2009-0060 and Seaside Groundwater Basin Adjudication Decision**
12. **Update on Development of Water Supply Projects**
13. **Report on Drought Response**



regulations have been extended through October 2016. The 8 percent requirement is still in effect.

Counsel Quinn reported that the Board met in closed session to consider item 2. Direction was provided and no reportable action was taken.

Evans reported that on February 4 and 5, 2016, she attended the Water 101 Workshop offered by the Water Education Foundation. She noted that workshop was very informative. She was briefed on water projects throughout the state and participated in a review of the Brown Act open meeting rules. Evans planned to also attend in February, a conference titled How to Be a Better Board Member offered by the California Special Districts Association. Potter reported that on February 17, 2016, he and Brower attended a meeting of the Seaside Groundwater Basin Watermaster that included a discussion of development of a Groundwater Sustainability Plan (GSP). Potter noted that there are areas of overlapping jurisdiction in the Corral de Tierra area and suggested that the Water Management District should participate with the Monterey County Water Resources Agency in development of the GSP.

Pendergrass offered a motion that was seconded by Clarke to adopt Ordinance No. 169 on second reading with the following changes. (1) Page 25 of the ordinance, item E.3, delete the phrase “and conditions 163-E-1 and 163-E-2 have been met.” (2) Page 31 of the ordinance, item E.1, paragraph 2, correct the

#### ATTORNEY’S REPORT

- 14. Report from District Counsel on 6:00 PM Closed Session of the Board**
  1. Conference with Legal Counsel – Existing Litigation (Gov. Code 54956.9 (a))
    - A. MPWMD v CPUC (Cal-Am); CA Supreme Court Case No. S208838
    - B. Application of Cal-Am to CPUC (No. 12-04-019) - Mon. Pen. Water Supply Project
  2. Conference with Labor Negotiators (Gov. Code 54957.6)  
Agency Designated Representatives: David Stoldt, Suresh Prasad and Cynthia Schmidlin  
Employee Organization: General Staff and Management Bargaining Units Represented by United Public Employees of California/LIUNA, Local 792  
Unrepresented Employees: Confidential Unit

#### DIRECTORS’ REPORTS (INCLUDING AB 1234 REPORTS ON TRIPS, CONFERENCE ATTENDANCE AND MEETINGS)

- 15. Oral Reports on Activities of County, Cities, Other Agencies/Committees/ Associations**

#### PUBLIC HEARINGS

- 16. Consider Second Reading and Adoption of Ordinance No. 169– An Ordinance of the Board of Directors of the Monterey Peninsula Water Management**

spelling of “responsibiliity.” The motion was approved unanimously on a vote of 6 – 0 by Pendergrass, Clarke, Brower, Byrne, Evans and Potter. Lewis was absent. No comments were directed to the Board during the public hearing on this item.

On a motion by Brower and second of Pendergrass, Ordinance No. 171 was adopted on second reading by a unanimous vote of Brower, Pendergrass, Byrne, Clarke, Evens and Potter. Lewis was absent. No comments were directed to the Board during the public hearing on this item.

Brower offered a motion that was seconded by Evans to adopt the Fiscal Year 2015-16 Mid-Year Budget adjustment. The motion was approved on a unanimous vote of 6 – 0 by Brower, Evans, Byrne, Clarke, Pendergrass and Potter. Lewis was absent. No comments were directed to the Board during the public hearing on this item.

On a motion by Potter and second of Evans, Meeting Rule 2.5 was amended according to the proposed rotation schedule outlined in the staff report. Beginning in December 2016 - the rotation schedule for Vice Chair would begin with Division 2, followed by the Mayoral representative, Division 3, Division 1, Division 4, the Monterey County Board of Supervisors Representative, and then Division 5. The motion was approved unanimously on a vote of 6 – 0 by Potter, Evans, Brower, Byrne, Clarke and Pendergrass. Lewis was absent. No comments were directed to the Board during the public comment period on this item.

Brower offered a motion that was seconded by Clarke to adopt Resolution No. 2016-03. The motion was approved unanimously on a vote of Brower, Clarke, Byrne, Evans, Pendergrass and Potter. Lewis was absent.

Tom Rowley, representing the Monterey Peninsula Taxpayers Association, addressed the Board on this item. He expressed the Association’s opinion that the user fee could only be reinstated after the Water Management District instituted a new Proposition 218 process.

No action. The item was withdrawn from the agenda on a unanimous vote of the Board.

There was no discussion of the Informational Items/Staff Reports.

**District Repealing Regulation XV, the Expanded Water Conservation and Standby Rationing Plan, and Replacing it with Regulation XV, the Monterey Peninsula Water Conservation and Rationing Plan**

17. **Consider Second Reading and Adoption of Ordinance No. 171 – Setting Compensation for Board Members**
18. **Consider Adoption of Fiscal Year 2015-16 Mid-Year Budget Adjustment**

#### **ACTION ITEMS**

19. **Consider Adoption of Amendment to Meeting Rule 2.5 - Rotation of Vice Chair into the Position of Chair**
20. **Consider Adoption of Resolution 2016-03 – Reestablish User Fee and Suspend Collection of User Fee for Remainder of Fiscal Year 2015-16**
21. **Consider Expenditure for Preparation of Agency Classification/Compensation Study**

#### **INFORMATIONAL ITEMS/STAFF REPORTS**

22. **Letters Received**
23. **Committee Report**
24. **Monthly Allocation Report**
25. **Water Conservation Program Report**

**26. Carmel River Fishery Report for  
January 2016**

**27. Monthly Water Supply and  
California American Water  
Production Report**

The meeting was adjourned at 7:50 pm.

**ADJOURNMENT**

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Arlene M. Tavani, Deputy District Secretary

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**ITEM: CONSENT CALENDAR****2. CONSIDER ADOPTION OF RESOLUTION 2016-05 – REESTABLISH USER FEE AND SUSPEND COLLECTION OF USER FEE FOR REMAINDER OF FISCAL YEAR 2015-16****Meeting Date:** March 21, 2016                      **Budgeted:** N/A**From:** David J. Stoldt,  
General Manager                      **Program/** N/A  
**Line Item No.:****Prepared By:** David J. Stoldt                      **Cost Estimate:** N/A**General Counsel Review:** N/A**Committee Recommendation:** The Administrative Committee reviewed this item on March 14, 2016 and recommended approval.

**SUMMARY:** On February 17, 2016, the Board of Directors adopted Resolution No. 2016-03 – Reestablish User Fee and Suspend Collection of User Fee for Remainder of Fiscal Year 2015-16. Upon review of Resolution No. 2016-03, it was determined that it should be amended to clearly state that collection of the User Fee would be suspended only on California American Water bills. Draft Resolution No. 2016-05 (**Exhibit 2-A**), states in sections 1, 2 and 3 that the user fee will be suspended on Cal-Am water bills, and in section 5 confirms that Resolution No. 2016-05 supersedes Resolution No. 2016-03.

**RECOMMENDATION:** The General Manager recommends approval of Resolution 2016-05.

**DISCUSSION:** On January 25, 2016, the California Supreme Court filed its opinion in the User Fee matter, determining “PUC Decision No. 11-03-035 (rejecting Cal-Am’s application for authorization to collect the District’s user fee, and also rejecting the settlement agreement entered into by Cal-Am, the District, and the Division of Ratepayer Advocates) and PUC Decision No. 13-01-040 (denying the District’s application for rehearing) are set aside. The matter is remanded to the PUC for further proceedings consistent with the views expressed herein.”

What this means is that the District’s suspended User Fee can be reestablished on California American Water Company (Cal-Am) bills. However, the level at which the User Fee shall be set by the Board and the mechanism for reinstatement by the California Public Utilities Commission both remain unresolved. Hence, at this time the Board should consider removing the suspension, but waiving collection for the remainder of the fiscal year.

With adoption of Resolution 2016-03 and the subsequent adoption of Resolution 2016-05, the District reestablishes its already existing, but suspended, User Fee in an amount of 8.325 percent of the Cal-Am bill, said amount comprised of 7.125 percent for the general activities of the District including environmental mitigation, conservation and rationing, water supply, and any other District purposes and 1.2 percent specific to the ASR program, including direct costs,

reimbursement of reserves expended for ASR project costs, and repayment of any commercial loans expended on behalf of ASR.

However, by reestablishing the User Fee, but waiving collection for now, the Board recognizes that it never, of its own volition, removed the User Fee and that it is still in effect, but that the Board must consider the future financial implications before collecting the revenues in a year for which an approved budget exists.

**EXHIBIT**

**2-A** Draft Resolution 2016-05 – Reestablish User Fee and Suspend Collection of User Fee for Remainder of Fiscal Year 2015-16



**EXHIBIT 2-A**

**RESOLUTION NO. 2016-05**

**A RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE MONTEREY PENINSULA WATER MANAGEMENT DISTRICT  
REESTABLISH USER FEE AND SUSPEND ITS COLLECTION  
FOR REMAINDER OF FISCAL YEAR 2015-16**

**WHEREAS**, Monterey Peninsula Water Management District (“District”) District is authorized, by law, to impose rates and charges for services, facilities, or water that it may furnish, as well costs of operations and activities related to the provision of water delivered by others. (Statutes of 1977, Chapter 527, found at West’s Water Law Appendix Section 118-1, *et seq.* (District Law), §326.);

**WHEREAS**, the District first implemented a User Fee in 1983 as a percentage of the California American Water (Cal-Am) bill to fund District activities and collected it continuously until temporarily suspended by the California Public Utilities Commission (the Commission or PUC) on May 24, 2011;

**WHEREAS**, the District modified its User Fee by Ordinance sixteen times from 1983 through 2008;

**WHEREAS**, proceeds of the User Fee have been used to support the District’s environmental mitigation, conservation and rationing, water supply, and any other purposes throughout the history of its collection;

**WHEREAS**, District Ordinance 61 adopted July 20, 1992 established a User Fee at 7.125 percent of the Cal-Am bill, an amount that was reinforced by Ordinance 67 in 1992, Ordinance 78 in 1995, and Ordinance 82 in 1996 and all four ordinances preceded Proposition 218, the self-titled “Right to Vote on Taxes Act” approved by voters November 5, 1996 and which added Articles XIIC and XIID to the California Constitution, and made numerous changes to local government finance law, a defines a fee or charge subject to Proposition 218 as a “levy other than an ad valorem tax, a special tax, or an assessment, imposed by an agency upon a parcel or upon a person as an incident of property ownership, including a user fee or charge for a property related service.” (Art. XIID, §2(e).);

**WHEREAS**, District Ordinance 138 adopted December 8, 2008 reaffirmed the addition of a 1.20 percent to the User Fee after a Proposition 218 protest hearing, said amount to support the funding of the District’s Aquifer Storage and Recovery (ASR) program, bringing the total amount of the User Fee to 8.325 percent of the Cal-Am bill;

*MPWMD Resolution No. 2016-05 – Reestablish User Fee and Suspend its Collection  
For Remainder of Fiscal Year 2015-16 - Page 2 of 3*

**WHEREAS**, the Commission in Decision D.09-07-021 in July 2009 prohibited further regular collection and disbursement by Cal-Am to the District of its User Fee and directed such amounts to be recorded in a memorandum account until Cal-Am reapplies to the Commission proposing a program to reinstate the User Fee. Such application was made January 5, 2010. A motion to approve an all-party settlement was made to the Commission in May 2010 which would have allowed continued past practice of collection of the District User Fee on Cal-Am bills. Commission decision D.11-03-035, issued March 24, 2011, rejected the joint settlement agreement. The Commission halted collection of the User Fee and ordered the memorandum account closed May 24, 2011. On January 24, 2013 the Commission issued decision D.13-01-040 modifying D.11-03-035 and denying any further rehearing of the matter;

**WHEREAS**, the District on February 22, 2013 filed a Petition for Review of Commission Decisions D.11-03-035 and D.13-01-040 with the California Supreme Court;

**WHEREAS**, on January 25, 2016 the California Supreme Court filed its opinion in the matter, determining “PUC Decision No. 11-03-035 (rejecting Cal-Am’s application for authorization to collect the District’s user fee, and also rejecting the settlement agreement entered into by Cal-Am, the District, and the Division of Ratepayer Advocates) and PUC Decision No. 13-01-040 (denying the District’s application for rehearing) are set aside. The matter is remanded to the PUC for further proceedings consistent with the views expressed herein.”; and

**WHEREAS**, the Commission, Cal-Am and the District will work together to determine the best mechanism to end suspension of the User Fee collection on Cal-Am bills.

**WHEREAS**, on February 17, 2016 the District Board of Directors adopted Resolution 2016-03 – Reestablish User Fee and Suspend its Collection for Remainder of Fiscal Year 2015-16;

**WHEREAS**, Resolution No. 2016-05 – Reestablish User Fee and Suspend its Collection for Remainder of Fiscal Year 2015-16 supersedes Resolution 2016-03.

**NOW, THEREFORE, BE IT RESOLVED**, as follows:

1. The District certifies it has, without limitation, complied with all legal procedures and requirements necessary to levy and impose the User Fee on Cal-Am bills, including all procedures and requirements set forth in the Constitution of the State of California, in State statutes, and in applicable decisional law of the State of California.

2. The District reestablishes its already existing, but suspended, User Fee in an amount of 8.325 percent of the Cal-Am bill, said amount comprised of 7.125 percent for the general activities of the District including environmental mitigation, conservation and rationing, water supply, and any other District purposes and 1.2 percent specific to the ASR program, including direct costs, reimbursement of reserves expended for ASR project costs, and repayment of any commercial loans expended on behalf of ASR.



*MPWMD Resolution No. 2016-05 – Reestablish User Fee and Suspend its Collection  
For Remainder of Fiscal Year 2015-16 - Page 3 of 3*

3. The District suspends collection of the User Fee on Cal-Am bills for the remainder of the Fiscal Year 2015-16.

4. This resolution shall supersede Resolution No. 2016-03 adopted on February 17, 2016.

5. This Resolution shall take immediate effect, upon adoption.

On motion of Director \_\_\_\_\_, and second by Director \_\_\_\_\_, the foregoing resolution is duly adopted this 21st day of March 2016 by the following votes:

AYES:

NAYS:

ABSENT:

I, David J. Stoldt, Secretary to the Board of Directors of the Monterey Peninsula Water Management District, hereby certify that the foregoing is a resolution duly adopted on the 21st day of March 2016.

Witness my hand and seal of the Board of Directors this \_\_\_\_\_ day of March 2016.

\_\_\_\_\_  
David J. Stoldt, Secretary to the Board



**ITEM: CONSENT CALENDAR****3. APPROVE ADOPTION OF RESOLUTION 2016-06 - AMENDMENTS TO RULE 24, TABLE 2: NON-RESIDENTIAL WATER USE FACTORS**

<b>Meeting Date:</b>	<b>March 21, 2016</b>	<b>Budgeted:</b>	<b>N/A</b>
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<b>From:</b>	<b>David J. Stoldt General Manager</b>	<b>Program/ Line Item No.:</b>	<b>N/A</b>
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<b>Prepared By:</b>	<b>Stephanie Locke</b>	<b>Cost Estimate:</b>	<b>N/A</b>
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**General Counsel Review: N/A****CEQA Compliance: N/A**

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**SUMMARY:** Attached as **Exhibit 3-A** is Resolution 2016-06 that, if adopted, would amend Rule 24, Table 2: Non-Residential Water Use Factors.

The proposed amendment to Table 2 adds “dry cleaners” that launder On-Site back into Group II. This was inadvertently removed during the last revision to Table 2. “Dry cleaner” drop off locations (i.e., those that do not do laundry on site) remain in Group I.

Gasoline dispensers are being removed from Group III of Table 2 and do not reflect current Water Use Capacity. When this use was established as a Group III, service stations used water for cleaning gasoline spills and nozzles weren’t equipped with emergency shut offs such as are in use today. Today, it is not legal to wash down the gasoline bay due to ASBS and other health concerns. Also, there was a single pump for gasoline, not multiple options such as is available today.

**RECOMMENDATION:** By adopting Resolution 2016-06, the Board adopts the recommended amendments to Rule 24, Table 2: Non-Residential Water Use Factors.

**BACKGROUND:** MPWMD Rule 24-B (Non-Residential Calculation of Water Use Capacity) allows amendments to Table 2: Non-Residential Water Use Factors be made by Resolution of the Board of Directors.

**EXHIBIT****3-A** Resolution 2016-06 Amending Table 2: Non-Residential Water Use Factors



**EXHIBIT 3-A****RESOLUTION NO. 2016-06****A RESOLUTION OF THE BOARD OF DIRECTORS OF  
THE MONTEREY PENINSULA WATER MANAGEMENT DISTRICT  
AMENDING TABLE 2: NON-RESIDENTIAL WATER USE FACTORS**

**WHEREAS** District Rule 24-B (Non-Residential Calculation of Water Use Capacity) allows changes to Table 2: Non-Residential Water Use Factors through Resolution of the Board of Directors; and

**WHEREAS** “dry cleaners” uses that launder On-Site are being added to Group II, it was inadvertently removed from the last revision to Table 2;

**WHEREAS** Gasoline dispensers are being removed from Group III of Table 2 and does not reflect current Water Use Capacity. When this use was established as a Group III, service stations used water for cleaning gasoline spills and nozzles weren’t equipped with emergency shut offs such as are in use today. Today, it is not legal to wash down the gasoline bay due to ASBS and other health concerns. Also, there was a single pump for gasoline, not multiple options such as is available today.

**NOW, THEREFORE**, the Board of Directors of the Monterey Peninsula Water Management District resolves that District Rule 24-B, Table 2: Non-Residential Water Use Factors shall be modified as shown in **Attachment 1**.

On motion of Director \_\_\_\_\_, and second by Director \_\_\_\_\_, the foregoing resolution is duly adopted this 21<sup>st</sup> day of March, 2016, by the following vote:

AYES:

NAYS:

ABSENT:

I, David J. Stoldt, Secretary to the Board of Directors of the Monterey Peninsula Water Management District, hereby certify that the foregoing Resolution was duly adopted on the 21<sup>st</sup> day of March 2016.

Witness my hand and seal of the Board of Directors this \_\_\_\_ day of \_\_\_\_\_ 2016.

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David J. Stoldt, Secretary to the Board  
MPWMD



## Attachment 1

**TABLE 2: NON-RESIDENTIAL WATER USE FACTORS****Group I**      0.00007 AF/SF

Auto Uses	Retail	Warehouse	Dental Clinic	Office	Bank	Supermarket
Church	Nail Salon	Family Grocery	Medical Clinic	Wine Tasting Room	Fast Photo	Convenience Store
Dry Cleaner (No On-Site Laundry)			Veterinary Clinic	School	Gym	

**Group II**      0.0002 AF/SF

Users in this category prepare and sell food/beverages that are primarily provided to customers on disposable tableware. Food with high moisture content and liquid food may be served on reusable tableware. Pizza must be served on reusable platters or on disposable plates. Glassware may be used to serve beverages.

Bakery	Pizza	Coffee House	Ice Cream Shop	<i>Dry Cleaner (On-Site Laundry)</i>
Catering	Deli	Bistro	Sandwich Shop	

**Group III**

Assisted Living (more than 6 beds) <sup>1</sup>	0.085 AF/Bed
Beauty Shop/Dog Grooming	0.0567 AF/Station
Child/Dependent Adult Day Care	0.0072 AF/Person
Dormitory <sup>2</sup>	0.040 AF/Room
<del>Gas Station</del>	<del>0.0913 AF/Fuel Dispenser</del>
Laundromat	0.2 AF/Machine
Meeting Hall/Banquet Room	0.00053 AF/SF
Motel/Hotel/Bed & Breakfast	0.1 AF/Room
w/Large Bath tub (Add to room factor)	0.03 AF/Tub
Irrigated Areas beyond ten feet of any building	ETWU
Plant Nursery	0.00009 AF/SF Land Area
Public Toilet	0.058 AF/Toilet
Public Urinal	0.036 AF/Urinal
Zero Water Consumption Urinal	No Value
Restaurant (including Bar/Brewpub Seats)	0.02 AF/Interior Restaurant Seat
Exterior Restaurant Seats above the "Standard Exterior Seat Allowance" <sup>3</sup>	0.01 AF/Exterior Restaurant Seat
Exterior Restaurant Seats within the "Standard Exterior Seat Allowance"	No Value
Restaurant (24-Hour and Fast Food)	0.038 AF/Interior Restaurant Seat
Self-Storage	0.0008 AF/Storage Unit
Skilled Nursing/Alzheimer's Care	0.12 AF/Bed
Spa	0.05 AF/Spa
Swimming Pool	0.02 AF/100 SF of Surface Area
Theater	0.0012 AF/Seat

**Group IV - MODIFIED NON-RESIDENTIAL USES**

Users listed in this category have reduced water Capacity from the types of uses listed in Groups I-III and have received a Water Use Credit for modifications. Please inquire for specific property information.

All New Connections: Refer to Rule 24-B, Exterior Non-Residential Water Demand Calculations

Notes: Any Non-Residential water use which cannot be characterized by one of the use categories set forth in Table 2 shall be designated as "other" and assigned a factor which has a positive correlation to the anticipated Water use Capacity for that Site.

<sup>1</sup> Assisted living Dwelling Units shall be permitted as Residential uses per Table 1, Residential Fixture Unit Count Values.

<sup>2</sup> Dormitory water use at educational facilities is a Residential use, although the factor is shown on Table 2.

<sup>3</sup> See Rule 24-B-1 and Rule 25.5 for information about the "Standard Exterior Seat Allowance".





**ITEM: CONSENT CALENDAR****4. CONSIDER ADOPTION OF RESOLUTION 2016-07 – RECOGNIZE JASON BURNETT FOR OUTSTANDING LEADERSHIP ON MONTEREY PENINSULA WATER SUPPLY SOLUTIONS****Meeting Date:** March 21, 2016                      **Budgeted:** N/A**From:** David J. Stoldt,  
General Manager                      **Program/** N/A  
**Line Item No.:** N/A**Prepared By:** Arlene Tavani                      **Cost Estimate:** N/A**General Counsel Approval:** N/A**Committee Recommendation:** N/A**CEQA Compliance:** N/A

**SUMMARY:** Attached as **Exhibit 4-A** is draft Resolution No. 2016-07 recognizing Mayor Jason Burnett for his outstanding leadership on Monterey Peninsula water supply solutions. If adopted, the General Manager will present a framed resolution to Mayor Burnett at the April 5, 2016 meeting of the Carmel City Council.

**RECOMMENDATION:** Staff recommends adoption of draft Resolution No. 2016-07.

**EXHIBIT****4-A** Draft MPWMD Resolution No. 2016-07



**RESOLUTION NO. 2016-07**

**A RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE MONTEREY PENINSULA WATER MANAGEMENT DISTRICT  
RECOGNIZING MAYOR JASON BURNETT  
FOR HIS OUTSTANDING LEADERSHIP ON  
MONTEREY PENINSULA WATER SUPPLY SOLUTIONS**

**WHEREAS**, Jason Burnett has decided to retire as Mayor of Carmel-by-the-Sea;

**WHEREAS**, as Mayor he provided leadership and guidance to the Monterey Peninsula Regional Water Authority, establishing the Authority as a unified voice for the Peninsula cities on water supply issues;

**WHEREAS**, Mayor Burnett worked jointly with the Water Management District to establish a Governance Committee for the California American Water Company desalination project, increasing transparency and oversight;

**WHEREAS**, Mayor Burnett worked jointly with the Water Management District in support of the passage of Senate Bill 936, decreasing the project's future cost to ratepayers;

**WHEREAS**, Mayor Burnett initiated all-party discussions which resulted in a settlement agreement in July 2013 which has provided a road map for the Monterey Peninsula Water Supply Project; and

**WHEREAS**, Mayor Burnett has dedicated personal time and relationships for the benefit of the community to extend the Cease and Desist Order, expedite review and permitting of projects, and promote innovative water supply solutions.

**NOW THEREFORE BE IT RESOLVED**, that on March 21, 2016 the Board of Directors of the Monterey Peninsula Water Management District recognizes and congratulates Mr. Burnett for outstanding leadership on Monterey Peninsula Water Supply Solutions.

On motion of Director \_\_\_\_\_, and second by Director \_\_\_\_\_, the foregoing resolution is duly adopted this 21<sup>st</sup> day of March 2016 by the following votes:

AYES:

NAYS:

ABSENT:

I, David J. Stoldt, Secretary to the Board of Directors of the Monterey Peninsula Water Management District, hereby certify that the foregoing is a resolution duly adopted on the 21<sup>st</sup> day of March 2016.

Witness my hand and seal of the Board of Directors this \_\_\_\_ day of March 2016.

\_\_\_\_\_  
David J. Stoldt, Secretary to the Board



**ITEM: CONSENT CALENDAR****5. AUTHORIZE THE CREATION OF AN ASSISTANT WATER RESOURCES ENGINEER POSITION AND RECRUITMENT FOR CANDIDATES WITHIN THE ENGINEERING CAREER LADDER****Meeting Date:** March 21, 2016 **Budgeted:** N/A**From:** David J. Stoldt,  
General Manager **Program/** N/A  
**Line Item No.:****Prepared By:** Cynthia Schmidlin **Cost Estimate:** N/A**General Counsel Approval:** N/A**Committee Recommendation:** The Administrative Committee reviewed this item on March 14, 2016 and recommended approval.**CEQA Compliance:** N/A

**SUMMARY:** The Monterey Peninsula Water Management District (MPWMD) has conducted two recruitments for Engineer positions over the past six months. In October and early November of 2015, the District conducted extensive recruitment for a Water Resources Engineer. Despite one month of advertisement on multiple government, private industry and professional websites, as well as in related publications, this recruitment yielded only three applications. A highly qualified candidate, willing to accept the salary and benefits package was not found. In January and February of this year, the District engaged in an ever more extensive recruitment at the Senior Water Resources Engineer level. In addition to the advertisement described above, a recruitment brochure was created for targeted mailing to Engineering departments and individuals at twenty-three public agencies involved in projects similar to those conducted at the District. Despite the more aggressive outreach and significantly higher salary, only three applications were received. Of the two candidates authorized to work in the United States, neither had the experience needed to successfully perform at the Senior Water Resources Engineer level without extensive training.

It has been determined that finding an advanced journey or senior level Water Resources Engineer may not be possible. Therefore, staff proposes creating a basic journey-level position as the entry to the District's Water Resources Engineer career ladder. This position, entitled Assistant Water Resources Engineer (**Exhibit 5-A**) would require a degree in Civil Engineering or a closely related field and two years of experience working with other Civil Engineering professionals. A valid certificate of registration as an Engineer-in-Training would also be required within 18 months of hire. A survey of local government agencies listed in the District's Personnel Compensation Policy, showing salaries for assistant engineer positions with comparative duties and requirements, indicates that placement in Range 38 would be competitive.

If this position is approved, the District would publicize an Engineering vacancy that could be hired at any of the three levels on the career ladder below the District Engineer/Planning and Engineering Manager. Each job search finds a new audience, and new qualified candidates for

the higher levels could come forth. However, expanding the search to include the junior position, at a competitive salary, will encourage a larger selection of applicants that could be hired. If a candidate is selected at the Assistant Water Resources Engineer or Water Resources Engineer level, the Board would be requested to authorize a change in the District Organization Chart to replace the current Senior Water Resources Engineer position.

**RECOMMENDATION:** Authorized the creation of an Assistant Water Resources Engineer position and recruitment for candidates within the Engineering Career Ladder.

**IMPACTS TO STAFF/RESOURCES:** The cost of hiring at either the Senior Water Resources Engineer or Water Resources Engineer level has been previously authorized by the Board. Hiring at the Assistant Water Resources Engineer level would result in considerable savings.

**EXHIBIT**

**5-A** Assistant Water Resources Engineer job description

**EXHIBIT 5-A****MONTEREY PENINSULA WATER MANAGEMENT DISTRICT  
ASSISTANT WATER RESOURCES ENGINEER**

*Class specifications are intended to present a descriptive list of the range of duties performed by employees in the class. Specifications are **not** intended to reflect all duties performed within the job.*

**DEFINITION**

Under supervisory direction of a Professional Engineer, the incumbent performs engineering duties relating to watershed management, water supply projects, and hydrologic analysis; to assist with implementation of major engineering and environmental management programs to restore and enhance Carmel River streamside resources; and to perform a variety of technical tasks relative to assigned area of responsibility.

**DISTINGUISHING CHARACTERISTICS**

This is the journey level of the professional engineering job classes. Positions at this level are characterized by the performance of technically-advanced, professional-level research studies, and/or management of some District projects. Employees at this level are expected to understand basic principles and theories, laws and regulations. Incumbents may solicit and administer grants, serve as a District representative on construction projects, prepare plans, specifications, and estimates and work with other professional and technical staff on multi-divisional projects. This position is distinguished from the Water Resources Engineer by the latter position's management responsibility for more complex projects involving multiple agencies and parties, and representation of District interests in agency and public meetings.

**SUPERVISION RECEIVED AND EXERCISED**

Receives direction from the Water Resources Engineer, Senior Water Resources Engineer, or Planning and Engineering Manager/District Engineer; coordinates activities of other District staff, consultants, and contract employees on special projects.

**ESSENTIAL AND MARGINAL FUNCTION STATEMENTS**

*The following duties are typical for positions in this classification. Any single position may not perform all of these duties and/or may perform similar related duties not listed here:*

**Essential Functions:**

1. Participate in the Integrated Regional Water Management Plan (IRWMP), a comprehensive planning effort, involving multiple stakeholders, to document and manage water resources in the Carmel River watershed, Seaside Groundwater Basin, and Monterey Peninsula area. Assist senior staff to implement the IRWMP.
2. Assist with review of consultant work to provide river stabilization and maintenance services for the Carmel River.
3. Conduct preliminary assessments of Carmel River streambank areas regarding stream bank stabilization and repair and confer with a supervising engineer; conduct field and office engineering studies related to the planning, design, and modification of stream bank stabilization and repair, confer with other District staff and consultants to coordinate projects and activities; provide assistance with obtaining authorizations and permits from Federal, State, and local regulatory agencies; prepare plans, specifications, cost and quantity estimates; maintain accurate records, and prepare periodic and special reports.
4. Participate in construction field activities including mark and layout field work locations; coordinate with the supervising engineer to interpret plans and resolve problems during construction; review compliance with permit conditions; perform long-term monitoring including photo documentation, surveys, and prepare periodic reports.

**EXHIBIT 5-A****MONTEREY PENINSULA WATER MANAGEMENT DISTRICT  
Water Resources Engineer (Continued)**

5. Assist the Riparian Projects Coordinator in planning and implementing riparian planting projects and irrigation systems.
6. Review applications for District River Work permits and work with the Riparian Projects Coordinator to make recommendations to the Planning & Engineering Manager regarding conformance to District standards; inspect authorized work; make recommendations to permittee and/or the Planning and Engineering Manager regarding conformance with river work permits.
7. Gather and interpret hydrologic data including photos, cross-sections, profiles and sediment transport.
8. Inspect the Carmel River with the Riparian Projects Coordinator to identify and document erosion hazards, riparian ordinance violations, and opportunities for enhancement; make recommendations to the Planning and Engineering Manager regarding appropriate corrective projects and actions.
9. Assist in the preparation of the following documents: requests for proposals and calls for bids; contract plans and specifications; participate in the review of contractor work activities.
10. Maintain constant awareness of progress on assigned projects to ensure compliance with designated time and cost schedules for project completion.
11. Inspect construction projects; document onsite conditions; represent the District on site; provide reports and recommendations to senior staff as required to complete project construction.
12. Provide cost estimate information as required for project budgets.
13. Review project needs with appropriate management staff; allocate resources accordingly.
14. Coordinate and manage the District's Water Distribution System Permit program.
15. May represent the District with senior staff at governmental and regulatory agency meetings, professional and community groups and others; answer questions and provide information to the public; investigate complaints and recommend corrective actions as necessary to resolve complaints.
16. Perform related duties and responsibilities as required.

**QUALIFICATIONS****Knowledge of:**

Civil engineering principles and practices related to one or more of the following:

Watershed management

Hydrology and Meteorology

Open channel hydraulics, river mechanics, or fluvial geomorphology.

Fluid dynamics as applied to water supply pipelines and pumps

Engineering economics

Construction management

Engineering surveying

Terminology, methods, practices, and techniques used in technical civil engineering report preparation.

Principles of mathematics and physics as applied to engineering work.

Recent developments, current literature, and sources of information regarding civil engineering of stream and river restoration projects, construction of new and recycled water supply projects, and projects to enhance anadromous fisheries.

Modern office procedures, methods, and computer software and hardware as related to the solution of



**EXHIBIT 5-A****MONTEREY PENINSULA WATER MANAGEMENT DISTRICT  
Water Resources Engineer (Continued)**

engineering problems.

Pertinent federal, state, and local laws, codes, and regulations governing civil engineering, construction, and water quality including Section 401 and 404 of the federal Clean Water Act, the federal and state Endangered Species Acts, the California Environmental Quality Act, the California Department of Fish and Wildlife Code, and Monterey County Ordinances.

**Ability to:**

Work with technical staff and consultants.

Assist in managing complex engineering projects.

Ensure project compliance with appropriate federal, state, and local rules, laws, and regulations.

Prepare progress reports.

Analyze problems, identify alternative solutions, and coordinate with senior management to project consequences of proposed actions.

Conduct engineering studies and develop appropriate recommendations.

Perform technical research and solve difficult engineering problems.

Prepare and maintain technical civil engineering records and prepare reports.

Compile rough technical data and prepare statistical and narrative reports from field studies.

Under direction, develop civil engineering plans, designs, and specifications.

Identify threatened and endangered species in the field.

Understand pertinent sections of the federal and state Endangered Species Acts.

Incorporate measures to protect threatened species into project designs and project maintenance.

Use sophisticated word processing, spreadsheet, modeling, and graphical design programs.

Communicate clearly and concisely, both orally and in writing.

Establish and maintain effective working relationships with those contacted in the course of work.

Maintain physical condition appropriate to the performance of assigned duties and responsibilities.

**Experience and Training Guidelines** — *Any combination of experience and training that would likely provide the required knowledge and abilities is qualifying. A typical way to obtain the knowledge and abilities would be:*

**Experience**

Two years of experience working with other Civil Engineering professionals.

**Training**

Equivalent to a Bachelor's degree from an accredited college or university with major course work in civil engineering or closely related field.

**License or Certificate:**

Possession of or ability to obtain a valid certificate of registration as an Engineer -in-Training in the State of California within 18 months of appointment.

Possession of, or the ability to obtain, an appropriate, valid driver's license.

**WORKING CONDITIONS**

*The conditions herein are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential job functions.*

**Environmental Conditions:**

Office and field environment; travel from site to site; exposure to atmospheric conditions; work around moving water; work with computers.

**EXHIBIT 5-A****MONTEREY PENINSULA WATER MANAGEMENT DISTRICT  
Water Resources Engineer (Continued)****Physical Conditions:**

Essential functions may require maintaining physical condition necessary for sitting, standing and walking for prolonged periods of time in and around river beds; operating motorized vehicles.

**Vision:**

See in the normal visual range with or without correction; vision sufficient to read small print, computer screens and other printed documents.

**Hearing:**

Hear in the normal audio range with or without correction.

**ITEM: CONSENT CALENDAR****6. CONSIDER EXPENDITURE FOR ASSISTANCE WITH COLLECTION OF STREAMFLOW MEASUREMENTS TO SUPPORT DEVELOPMENT OF AN INSTREAM FLOW MODEL FOR THE CARMEL RIVER**

<b>Meeting Date:</b>	<b>March 21, 2016</b>	<b>Budgeted:</b>	<b>Yes, partial</b>
<b>From:</b>	<b>David J. Stoldt General Manager</b>	<b>Program/ Line Item No.:</b>	<b>Augment Water Supply 1-8-1</b>
		<b>Account No.</b>	<b>35-03-7860.19</b>
<b>Prepared By:</b>	<b>Larry Hampson</b>	<b>Cost Estimate:</b>	<b>\$70,000</b>

**General Counsel Review:** N/A**Committee Recommendation:** The Administrative Committee reviewed this item on March 14, 2016 and recommended approval.**CEQA Compliance:** N/A

**SUMMARY:** Staff proposes an amendment to an existing agreement for services with Normandeau Environmental Consultants (Normandeau) and to contract with Balance Hydrologics, Inc. (Balance) for assistance to measure streamflows in the Carmel River this winter and spring. The measurements are required in order to develop a hydraulic model for use with the Instream Flow Incremental Methodology (IFIM) study to address water rights issues and steelhead habitat management in the Carmel River. Normandeau and Balance would provide assistance to District crews to obtain more than 220 measurements at 74 different locations in about a two-week period.

**RECOMMENDATION:** Staff recommends approval of the expenditure of up to \$70,000 for additional assistance with developing an IFIM to revise instream flow requirements for the Carmel River. If this item is adopted with the Consent Calendar, the General Manager would be authorized to amend an agreement for services with Normandeau Environmental Services and increase that agreement from a not-to-exceed (NTE) amount of \$100,000 to a NTE of up to \$132,500. The General Manager would also be authorized to enter into an agreement for services with Balance Hydrologics, Inc. for a NTE of up to \$37,500.

**IMPACTS TO STAFF/RESOURCES:** \$100,000 in funds for this work are identified in the mid-year FY 2015-16 Budget, Program Line Item 1-8-1, Other Water Supply Projects – IFIM feasibility studies. However, approximately \$42,000 in project funds approved in FY 2014-15 for other field work were carried over in FY 2015-16, due to a lack of steelhead in the river in 2015. Therefore, a total of approximately \$112,000 would be needed to complete all authorized tasks in the current fiscal year.

**BACKGROUND:** The Board initially approved an expenditure of up to \$50,000 for IFIM assistance at their June 17, 2013 meeting. At their March 16, 2015 meeting, the Board authorized an additional \$50,000 to conduct tests to apply Habitat Suitability Index curves from the Big Sur

River to the Carmel River. This latter work was not possible to complete in 2015 due to a lack of spawning adults in the system in the past few years, which has resulted in low densities of young fish in the river<sup>1</sup>.

The estimated costs for flow measurements by crews of two each from Normandeau and Balance include travel time, equipment rental, data acquisition, and quality control. There are three specific flow ranges required for the one-dimensional portion of the hydraulic model that includes high (up to about 120 cubic feet per second or cfs), medium (60-80 cfs) and low flow (10 cfs) measurements. The high flow range normally occurs for only short periods, necessitating several crews at once in order to gather the data. The medium and low flow measurements occur much more frequently and as staff time allows, MPWMD crews may obtain these flow measurements.

IFIM is an accepted scientific approach to quantifying the effects to aquatic habitat from water diversions at various levels of instream flows. Results from this work will provide the basis for evaluating water supply options from the Carmel River and revising existing instream flow requirements necessary to protect steelhead and their habitat in the Carmel River. The District, NMFS, CDFW, and California American Water (Cal-Am) are interested in updating these instream flow requirements in order to best manage steelhead populations in the Carmel River.

## **EXHIBIT**

None

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<sup>1</sup> HSC are an important component of instream flow modeling and are a description of the relative quality of aquatic habitat components, such as water depth, water velocity, substrate type, and instream or overhead cover, on a scale of 0 (not-suitable) to 1 (optimal), to the species of interest (Carmel River steelhead). Developing HSC for a stream can be labor intensive. Thus, using HSC from another stream can save time and cost in the development of an instream flow model. However, sitings of young fish in the Carmel River are required to test HSC curves. Due to the lack of adult returns over the past three winter, the density of young fish in the river has not been high enough to collect field data.

**ITEM: CONSENT CALENDAR****7. CONSIDER EXPENDITURE TO CONTRACT WITH CONSULTING TEAM FOR NORTH MONTEREY COUNTY DROUGHT CONTINGENCY PLAN**

<b>Meeting Date:</b>	<b>March 21, 2016</b>	<b>Budgeted:</b>	<b>N/A</b>
<b>From:</b>	<b>David J. Stoldt, General Manager</b>	<b>Program/ Line Item:</b>	<b>Water Supply Projects 1-5-1 Groundwater Replenishment Project</b>
<b>Prepared By:</b>	<b>David J. Stoldt</b>	<b>Cost Estimate:</b>	<b>\$225,000</b>

**General Counsel Review: N/A**

**Committee Recommendation: The Administrative Committee reviewed this item on March 14, 2016 and recommended approval.**

**The Water Supply Planning Committee reviewed this item on March 3, 2016 and recommended approval 3-0.**

**CEQA Compliance: N/A**

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**SUMMARY:** In June 2015, the District Board approved a grant application to the United State Bureau of Reclamation (Reclamation) through its WaterSMART program for Drought Contingency Planning. Reclamation awarded the District a grant of \$200,000 in July 2015. The recipient cost share (non-federal share) is a minimum of 50% of total project costs. Reclamation goals for this program include (1) develop and update comprehensive drought plans, (2) implement projects that will build long-term resiliency to drought, and (3) implement emergency response actions.

District staff will be the administrative lead to develop a Drought Contingency Plan (Plan) for the northern portion of Monterey County that would benefit from the Pure Water Monterey Project. However, staff recommends that the consulting team that prepared the grant application and the detailed work plan (attached as **Exhibit 7-A**) for submittal to Reclamation be hired to develop the plan. The consulting team would be hired without a Request for Qualifications because they are uniquely suited to execute the plan for five key reasons (a) they prepared the grant application, detailed work plan, public outreach plan, and attended the Plan Task Force kick-off meeting hence have a strong understanding of the project; (b) they have been hired by Reclamation to assist with a parallel and overlapping effort – the Salinas and Carmel Rivers Basin Study – which must be carefully coordinated with this Plan; (c) Brown and Caldwell has prior experience with Salinas River data modeling; (d) drought contingency plans are a new initiative of Reclamation and there is very little industry experience – staff was looking at either Brown and Caldwell or Carollo for this work, but the two firms had already agreed to work jointly; and (e) Bryant & Associates has assisted the District with federal funding strategies in the past. Development of a Plan must be completed within two years of award.

The total budget for contracted activities is \$422,939 of which \$200,000 will be Reclamation grant proceeds. Hence, the District will need to contribute \$222,939. The staff recommendation

is to authorize \$225,000 of District funds for this purpose, to be spread over the current and the next two fiscal year budgets.

**RECOMMENDATION:** The General Manager recommends the Board authorize the hire of the consulting team of Bryant & Associates, Brown & Caldwell and Data Instincts in affiliation with Thomas Brand Consulting and Carollo Engineers to work on the North Monterey County Drought Contingency Plan, subject to U.S. Bureau of Reclamation authorization

**BACKGROUND:**

A Task Force Kick-Off meeting was held at the District offices on February 24, 2016 and included 23 people representing:

- Monterey Regional Water Pollution Control Agency (MRWPCA)
- Monterey County Water Resources Agency (MCWRA)
- Monterey County Office of Emergency Services
- City of Salinas (California Water Service Company)
- Marina Coast Water District (MCWD)
- Castroville Community Services District
- California American Water (CalAm)
- California Water Service
- County of San Luis Obispo
- Salinas Valley Water Coalition
- Monterey County Farm Bureau
- U.S. Bureau of Reclamation
- The District
- The consultant team

Development of a Plan would build on both the Monterey Peninsula and Greater Monterey County Integrated Regional Water Management planning efforts and the network of agencies and stakeholders that is advancing the Pure Water Monterey project. A Drought Contingency Plan would include the following specific activities:

- Drought monitoring;
- Vulnerability assessment;
- Mitigation actions;
- Response actions;
- Operational and administrative framework;
- Plan update process.

**EXHIBIT**

**7-A** Draft Detailed Work and Public Outreach Plan

**EXHIBIT 7-A**

## North Monterey County Drought Contingency Plan: Detailed Work Plan

### Applicant

Monterey Peninsula Water Management District (MPWMD) office is located in the City of Monterey in Monterey County, California. The MPWMD is the lead agency and fiscal agent for the North Monterey County Drought Contingency Plan (DCP) and convener of the Plan Task Force (Task Force). The Task Force includes MPWMD, Monterey Regional Water Pollution Control Agency (MRWPCA), Monterey County Water Resources Agency (MCWRA), and Monterey County Office of Emergency Services, among others.

### Summary

The DCP Plan Area (Plan Area) is home to some of California's most valuable agriculture, diverse communities, and spectacular natural resources. It is also not served by a state or federal water project, groundwater basins are over-drafted, in some cases with significant saltwater intrusion, and court-mandated or regulatory actions have pending catastrophic impacts to urban water supplies. These conditions coupled with the 4<sup>th</sup> year of drought provide the catalyst to bring stakeholders together to share technical information, understand the impacts of drought and climate change to their way of life and jointly develop a DCP to manage their scarce water resources to the benefit of all.

### Description of Drought Contingency Plan Area

The Plan Area is the northern portion of Monterey County including a part of the Salinas Valley situated from the southern edge of the City of Salinas to the Pacific Ocean, the western portion of Carmel Valley, and the urbanized Monterey Peninsula area between the two valleys as shown on Figure 1 below. The main geographic features in the Plan Area are the lower Salinas River valley and Carmel River valley. The urban areas consist of the cities of Carmel, Monterey, Pacific Grove, Del Rey Oaks, Seaside, Marina, and Salinas, and the Castroville area. Major land uses include agriculture, rangeland, forest, and urban development.

The key water supply challenges facing the Plan Area according to the California Water Plan are as follows:

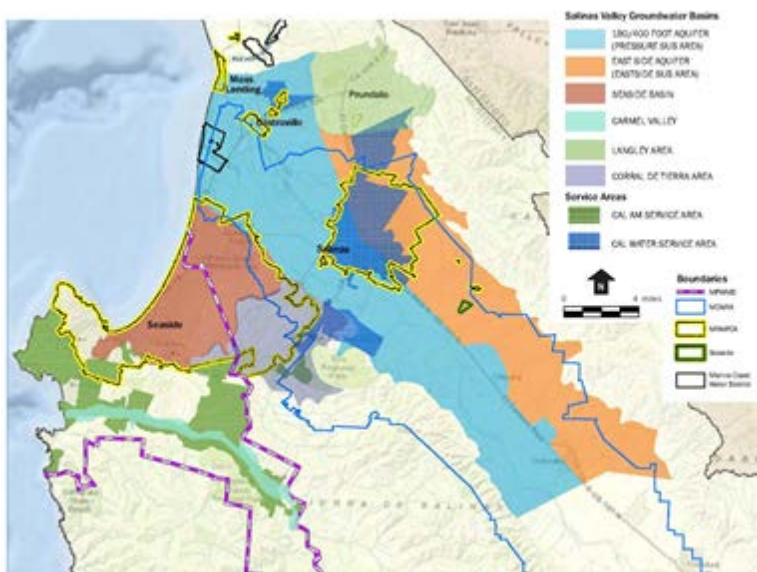


Figure 1 DCP Plan Area

**Groundwater Quality.** Seawater intrusion and nitrate pollution of groundwater aquifers.

**Agricultural and Rangeland Water Quality.** Runoff, tail water, and percolation of agricultural and rangeland water continues to negatively impact regional surface waters and groundwater.

**Salinas River Watershed.** Flood risk, river channel congestion, seawater intrusion, nitrate contamination, and the distribution of water supplies continue to be a challenge to this critical watershed.

**Water Reliability.** The Monterey Peninsula must develop new water supplies due to a Cease and Desist Order requiring Cal-Am to reduce water diversion from the Carmel River and an adjudication of the Seaside groundwater basin requiring Cal-Am to reduce its groundwater pumping.

**Steelhead Fisheries.** The Carmel River steelhead population has declined by up to 90% since the early 20th century. Surface water diversions and development on the floodplain have greatly reduced steelhead habitat in both the Salinas and Carmel Rivers.

In addition to the above listed water supply challenges there are also state and federal water quality protection goals for the Monterey Bay where the Carmel River, Salinas River, and urban areas drain into the Bay.

### Coordination with Other Studies

The DCP is being conducted in parallel and in coordination with the Salinas and Carmel Rivers Basin Study (Basin Study). The DCP is a 24 month look at how to predict the different stages or levels of severity of drought; to address near-term vulnerabilities; to identify mitigation actions and activities that will build long-term resiliency to drought and reduce the need for response actions; identify drought response actions and activities that can be implemented quickly during a drought and, develop an operational and administrative framework to identify who is responsible for undertaking the actions necessary to implement each element of the Plan. The Basin Study is a longer-term study process that will develop new modeling and information to be used for the formulation and evaluation of currently identified and potential new mitigation measures.

The Basin Study and the DCP will access data created under the locally sponsored and currently underway, Salinas River Groundwater Basin Investigation. The combination of the technical analysis of the Salinas River Groundwater Basin Investigation feeding both the near-term drought response actions and organization aspects of the DCP and the long-term planning efforts of the Basin Study provides for synergy and consistency between the studies while meeting the needs of the stakeholders in a timely manner.

The study area for the DCP is a much smaller sub-region of the Basin Plan area. However this sub-region is the most critically impacted by the drought, with the greatest diversity of stakeholders and, seriously competing demands between agricultural, environmental and urban water-users. The DCP Plan Area was shown on Figure 1 and the plan area of the Basin Study is shown on Figure 2 below.





Figure 2 Basin Study Plan Area

### Plan of Study Activities

The scope of Work Tasks and the activities to complete the tasks are summarized in Table 1 – Detailed Work Plan

DRAFT

Table 1 Detailed Work Plan	
Task	Activities
<p><b>Task 1. Initial Drought Contingency Plan Steps</b>                      Following finalization of the financial assistance agreement, MPWMD and their consultants will work with Reclamation to finalize the DCP work plan before development of the plan begins.</p> <p><b>1.1. Establish the North Monterey County Drought Contingency Plan Task Force.</b>                      MPWMD will lead a DCP Task Force (Task Force) and connect with various stakeholders in the region that represent multiple interests within the planning area.</p> <p><b>1.2. Development of a Detailed Work Plan</b>                      Develop a work plan in consultation with Reclamation that will describe in detail how the various tasks included in developing the DCP will be accomplished.</p> <p><b>1.3. Development of a Communication and Outreach Plan.</b>                      The purpose of this effort is to build understanding and support for drought contingency planning. Planning for a sustainable, resilient water supply will take consistent coordination, cooperation and focused planning and management with North County stakeholders in the preparation of a DCP.</p> <p><b>1.4. Engage DCP Consulting Team</b>                      MPWMD will Develop request for qualifications, solicit, and hire consulting team for the DCP.</p>	<p><b>1.1 Task Force</b></p> <ul style="list-style-type: none"> <li>• MPWMD to identify and solicit the Task Force members</li> <li>• Develop meeting agenda and presentation and hand out materials</li> </ul> <p>Assumptions</p> <ul style="list-style-type: none"> <li>• Initial meeting in February coordinated with Basin Study</li> <li>• Following meetings coordinated with Basin Study Schedule</li> </ul> <p><b>1.2. Work Plan</b></p> <ul style="list-style-type: none"> <li>• Develop a project schedule</li> <li>• Identify tasks to implement scope of work</li> <li>• Identify coordination and responsibilities of Reclamation, MPWMD as the planning lead, the Task Force and other interested stakeholders.</li> </ul> <p>Assumptions</p> <ul style="list-style-type: none"> <li>• Coordinate with Salinas River Groundwater Basin Investigation schedule of products</li> <li>• Coordinate the approach to water supply vulnerability, mitigation actions, and stakeholder activities with the Basin Study</li> </ul> <p><b>1.3 Outreach Plan</b></p> <ul style="list-style-type: none"> <li>• Establish a Task Force that will coordinate and make initial planning decisions to be vetted by various stakeholders and the North County communities through a series of collaborative activities.</li> <li>• Define meetings, products, stakeholder list development, communications plan</li> </ul> <p>Assumptions</p> <ul style="list-style-type: none"> <li>• Coordinated stakeholder lists, meetings, materials with Basin Study</li> <li>• Develop Website or SharePoint on MPWMD to convey draft materials for review and comment</li> </ul>

**Table 1 Detailed Work Plan**

Task	Activities
<p><b>Task 2. Background, Study Area, and Participating Agencies</b></p> <p>Describe the background of the DCP, the Plan Area, the participating agencies, and other water and wastewater agencies located within the Plan Area. Describe existing plans that have portions relevant to drought planning and an explanation of why a new plan is needed will also be compiled.</p> <p>The history of drought in the area, current drought situation, severity of drought conditions, recent drought experiences, and the period of time that the area has been experiencing drought conditions will be described.</p>	<ul style="list-style-type: none"> <li>• Coordinated effort of the MPWMD staff and consulting team to access all available information regarding the Plan Area</li> <li>• Meetings with the Monterey County Water Resources Agency, OES, and other stakeholders.</li> <li>• Review existing relevant water basin study and drought plans, response policies, emergency response plans, urban water management plans, water management plans, the Greater Monterey County and Monterey Peninsula Integrated Regional Water Management Plans, California Department of Water Resources and Reclamation drought planning guidelines, groundwater management plans, general plans, and other relevant information will be reviewed</li> <li>• Present existing meteorological and drought analysis data and summarize historical drought frequency and magnitude, including multi-year droughts and seasonal droughts.</li> </ul> <p>Assumptions</p> <ul style="list-style-type: none"> <li>• Detail of the stakeholder processes are in the Significant information available from MPWMD staff or through the MPWMD staff describing the required information</li> <li>• Team approach with MPWMD staff to develop the descriptions using available materials</li> <li>• Coordinated with Salinas River Groundwater Basin Investigation team for available information</li> </ul>
<p><b>Task 3. Water Supplies and Demands</b></p> <p>Review and summarize existing water supply and demand data for all pertinent water agencies and end users. Describe the availability and quality of existing data and models applicable to the proposed plan.</p> <p>Define the drought impacts to each water purveyor’s water supply. Identify the vulnerability of the existing water supply sources. Describe water quality impacts of drought conditions.</p> <p>Present projected water demands for municipal, agricultural, and environmental uses. Provide a total water supply to demand comparison. The water supply and demand comparison will compare the water supply sources available in normal and dry periods to the projected water demands.</p>	<ul style="list-style-type: none"> <li>• Describe existing water supplies and the key water supply facilities. These sources include river surface water, ocean water, groundwater, recycled water, wastewater, stormwater, agricultural return water, and interconnections with neighboring systems.</li> <li>• The groundwater-surface water model from the Salinas River Groundwater Basin Investigation will be used as an evaluation tool.</li> <li>• The Carmel River Basin Hydrologic Model (CRBHM) will be used as an evaluation tool.</li> <li>• Consider long term replenishment requirements for Seaside Groundwater Basin</li> <li>• The water rights and/or contracts and historical use for each source will be presented</li> <li>• Quantify stream flows, reservoir storage levels and yield, water quality, and historic flow patterns, flow requirements, including magnitude and timing of release.</li> </ul> <p>Assumptions</p> <ul style="list-style-type: none"> <li>• Urban water demands developed in coordination with the 2015 Urban Water Management Plans being developed by July 1, 2016.</li> <li>• Groundwater usage records have been acquired for the development of the model in the Salinas River Groundwater Basin Investigation and will be used for the DCP in the DCP project area.</li> <li>• CRBHM will have been calibrated by USGS and will be used for the DCP.</li> </ul>

Table 1 Detailed Work Plan

Task	Activities
	<ul style="list-style-type: none"> <li>• Salinas River Groundwater Basin Investigation and Basin Study climate change analysis will be adopted by the DCP for consistency between the studies.</li> <li>• DCP schedule delayed to anticipate data availability given the USGS schedule for the Salinas River Groundwater Basin Investigation.</li> <li>• Coordinated efforts with Basin Study to share water demand information for consistency.</li> </ul>
<p><b>Task 4. Drought Monitoring Process</b></p> <p>Establish a process for monitoring near and long-term water availability, and a framework for predicting the probability of future droughts or confirming an existing drought. Develop a process for the collection, analysis, and dissemination of water availability and other drought-related data. Explain how this data will be used to predict or confirm droughts, including identifying metrics and triggers that may be used to define stages of drought, to trigger mitigation or response actions, and to define the different stages or levels of severity of drought.</p>	<ul style="list-style-type: none"> <li>• Identify drought indicators and trigger levels that are currently being used by each participating agency to signal pending drought conditions and severity.</li> <li>• Summarize current drought monitoring strategies used by each water purveyor.</li> <li>• Develop as necessary specific parameters and triggers to monitor for drought conditions.</li> <li>• Provide recommendations for drought indicators and triggers to use for deciding when a drought starts and when it ends.</li> </ul> <p>Assumptions</p> <ul style="list-style-type: none"> <li>• Coordinate with the Task Force agencies on available definition of drought, current agency approaches to drought prediction and drought data dissemination</li> </ul>
<p><b>Task 5. Vulnerability Assessment</b></p> <p>Evaluate the vulnerability of water supplies to drought and climate change. Describe the reliability and vulnerability of the water supply to seasonal or climatic shortage. Consider a range of future conditions, including the effects of climate change.</p> <p>Describe the severity of consequences for not addressing drought risks to water supplies. Present descriptions of existing or potential risks to human health and safety including water quality risks; endangered, threatened, or candidate species; agricultural water supplies; hydropower production; fish and wildlife habitat; recreation; and any other significant areas of risk. The consequences of seawater intrusion and sea level rise will be evaluated.</p>	<ul style="list-style-type: none"> <li>• Provide an analysis of the drought impacts of climate change and the resulting practical implications for drought planning for the plan area.</li> <li>• Develop one or more synthetic drought scenarios for evaluation with planning tools</li> <li>• Identify impacts to water supplies for a range of possible drought and climate change scenarios.</li> <li>• Review and summarize the climate change work being done by Reclamation, the State of California, and other federal and state agencies.</li> <li>• Summarize the climate change analysis presented in each of the two integrated regional water management plans</li> </ul> <p>Assumptions</p> <ul style="list-style-type: none"> <li>• Key input from Salinas River Groundwater Basin Investigation Analysis of Water Availability – schedule of DCP set based on the modeling results</li> <li>• Coordinate definitions and consequences with Basin Study activities and define the water supply needs</li> </ul>

**Table 1 Detailed Work Plan**

Task	Activities
<p><b>Task 6. Mitigation Actions</b></p> <p>Identify, evaluate, and prioritize mitigation actions and activities that will build long-term resiliency to drought, mitigate the risks posed by drought, decrease sector vulnerabilities, and reduce the need for response actions. Identify drought actions, responses, programs, and strategies. Consider the best way to equitably allocate drought water resources to the various types of water needs. Provide recommendations to improve the consistency of the region’s drought response.</p> <p>Other regionally significant objectives defined by the stakeholder process will be considered that may be incorporated into the above objectives or stated as additional objectives such as enhanced groundwater replenishment, river restoration, and mitigating seawater intrusion.</p> <p>For the short list of potential drought mitigation projects, describe each mitigation project and how the identified project would address the existing or potential drought risks and develop cost estimates.</p> <p>Describe:</p> <ul style="list-style-type: none"> <li>• The benefits that are expected to result from implementing the projects based on whether the projects will result in benefits to the health and safety of people and fish and wildlife and the environment.</li> <li>• The benefits that are not captured above including projects that support agriculture, promote and encourage collaboration among parties, prevent a water-related crisis or conflict, and facilitate the voluntary sale, transfer or exchange of water.</li> <li>• How the identified projects have a nexus to Reclamation project activities.</li> <li>• Define the steps that are required for implementing the identified projects, including developing an estimated project schedule for implementing each project.</li> <li>• Describe the magnitude of the impacts if the identified projects are not implemented including economic, social, public health, and number of people impacted by the risks.</li> </ul>	<ul style="list-style-type: none"> <li>• Review, compare, and summarize the staged demand reduction program used by each participating agency. Identify and evaluate potential additional responses for use at each stage of drought.</li> <li>• Identify potential mitigation projects that would build long-term resilience to drought and reduce the need for emergency response actions. Work with the participating agencies to include projects that have been previously identified and discussed, regardless of the level of planning and development that has been done to date.</li> <li>• Evaluate the projects using screening criteria and develop a short list of the best projects, mitigation actions, and response actions and their associated triggers.</li> <li>• Identify screening criteria including anticipated drought supply amounts, cost, sustainability, legal and contractual issues, policy synergism, reliability history, and ease of implementation. This criteria list will be compiled into a matrix of criteria with weighting factors and used to screen potential response actions and mitigation actions</li> <li>• Projects will be selected that accomplish one or more of the following objectives:             <ul style="list-style-type: none"> <li>– increase the reliability of water supply and sustainability;</li> <li>– improve water management and/ or decrease consumptive use;</li> <li>– expand beneficial reuse of municipal wastewater, dry weather storm drain flows, and agricultural runoff;</li> <li>– implement systems to facilitate voluntary sale, transfer, or exchange of water;</li> <li>– provide benefits for fish and wildlife and the environment; and</li> <li>– mitigate poor water quality caused by drought</li> </ul> </li> </ul> <p><b>Assumptions</b></p> <ul style="list-style-type: none"> <li>• Early activities coordinating with MPWMD and County of Monterey to identify potential projects to address water shortages in North Monterey County from past studies and ongoing activities.</li> <li>• Following completion of analysis by Salinas River Groundwater Basin Investigation and the definition of vulnerability develop of list of potential mitigation actions</li> <li>• Develop a DCP- Basin Study- Monterey County Study team to address the mitigation actions including linkages beyond the DCP boundaries</li> <li>• Provide mitigation action alternative information to the County of Monterey for evaluation of alternatives using the model from the Salinas River Groundwater Basin Investigation</li> <li>• Output from models used for both the DCP and the Basin Study</li> </ul>

Table 1 Detailed Work Plan	
Task	Activities
<p><b>Task 7. Response Actions</b> Identify, evaluate, and prioritize drought response actions and activities that can be implemented quickly during a drought to mitigate the impacts and provide rapid benefits. Establish a staged approach to implementation. Develop bundles of response actions that would be implemented at each stage.</p>	<ul style="list-style-type: none"> <li>• Define the stages of drought when the response actions are triggered to manage the limited supply and decrease the severity of immediate impacts.</li> <li>• Estimate the expected ability each stage of response actions are expected to have on reducing water demands on a temporary basis.</li> <li>• Consider water savings, lead time to activate response actions, costs, and procedural requirements for implementation</li> </ul> <p>Assumptions</p> <ul style="list-style-type: none"> <li>• Coordinated activities with the Task Force agencies</li> </ul>
<p><b>Task 8 Administrative and Organizational Framework</b> Develop an operational and administrative framework to identify who is responsible for undertaking the actions necessary to implement each element of the plan, including communicating with the public about those actions.</p>	<ul style="list-style-type: none"> <li>• Identify roles, responsibilities, and procedures necessary to conduct drought monitoring, initiate response and mitigation actions, and update the DCP.</li> <li>• The organizational structure currently used by each of the participating agencies to respond to a drought will be reviewed, and updated if appropriate. This includes elements such as the establishment of a described water shortage response team, public information, interagency coordination, staffing, costs, communications, and drought response actions.</li> <li>• The participating agencies process for the development of the DCP will consist of having: <ul style="list-style-type: none"> <li>– Regular progress meetings,</li> <li>– Providing status reporting,</li> <li>– Conducting workshops.</li> </ul> </li> <li>• Stakeholders will be engaged through Drought Summit Workshops and other Outreach Tactics and Tools described in the Communications and Outreach Plan</li> </ul> <p>Assumptions</p> <ul style="list-style-type: none"> <li>• Details of stakeholder communications are in the Communication and Outreach Plan</li> <li>• Coordinated “Participating Agency” meetings with Basin Study and Monterey County Inter-Agency Drought Task Force</li> <li>• Work with MPWMD and Task Force agencies to develop conceptual</li> </ul>
<p><b>Task 9. Update Process</b> Describe a process and schedule for monitoring, evaluating, and updating the DCP.</p>	<ul style="list-style-type: none"> <li>• Develop an organizational framework and process to routinely update the DCP.</li> <li>• Develop guidelines to use to determine the triggers to identify when an update should be done.</li> <li>• Coordinate with Task Force agencies</li> </ul>

Table 1 Detailed Work Plan	
Task	Activities
<p><b>Task 10. Drought Contingency Plan Document</b> Summarize all task efforts and findings into a DCP document. Prepare the DCP document and associated appendices, maps, figures, tables, and computer models.</p>	<ul style="list-style-type: none"> <li>• Submit first draft of the DCP for review and comment.</li> <li>• Submit second draft of the DCP for review and comment.</li> <li>• Based on the results of agency input, a final submittal will be prepared.</li> <li>• Twenty copies of each submittal, as well as one electronic/digital copy, will be provided</li> </ul>
<p><b>Task 11. Project Management</b> Provide monthly updates of project status, issues, and concerns. Maintain project schedule. Conduct project progress meetings once per month with senior staff. Provide weekly email project status reports. Provide project documentation, quality control checks on project deliverables, management of progress against budget and schedule commitments, and submittal of monthly invoices and monthly project status reports.</p>	

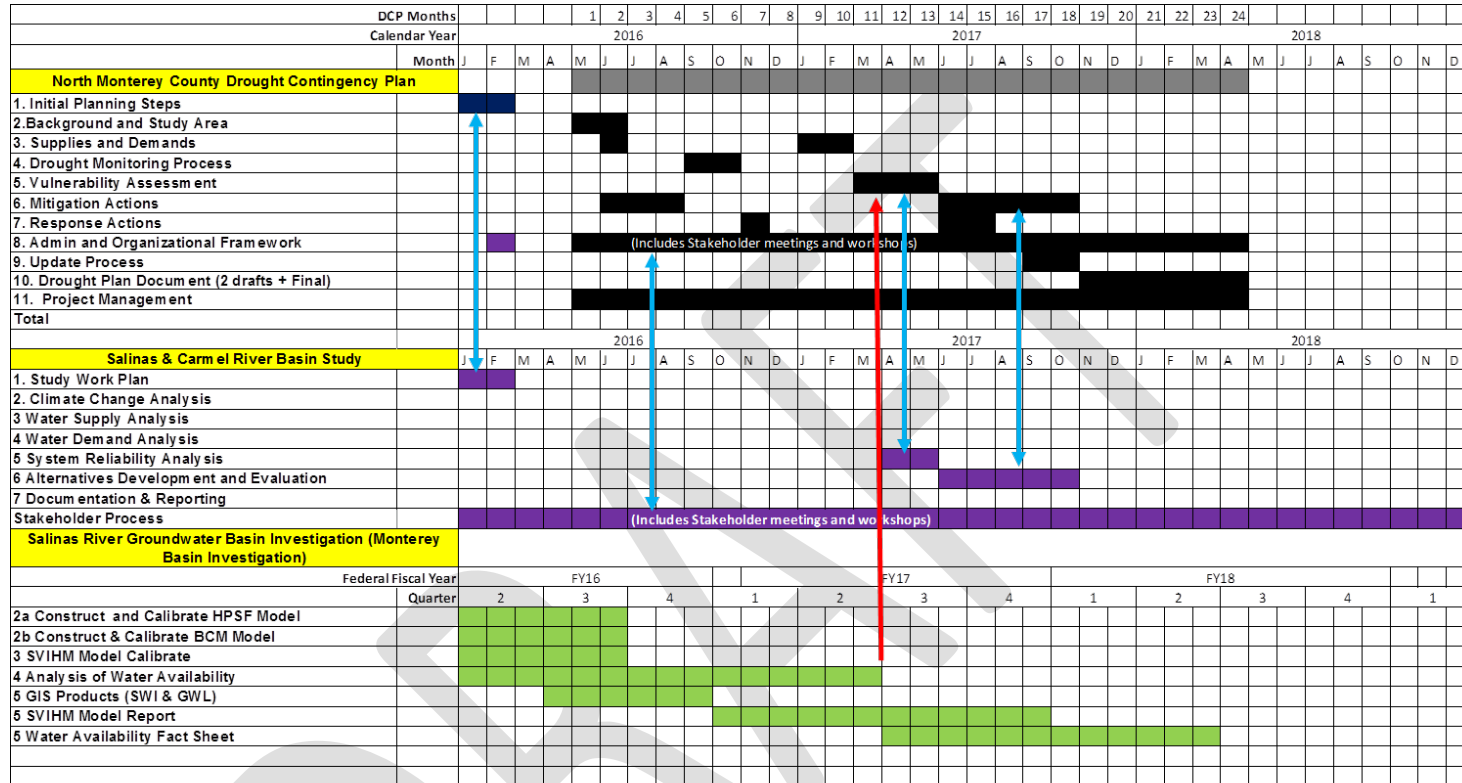
## DCP Schedule

The DCP schedule is coordinated with the Salinas & Carmel River Basins Study and the Salinas River Groundwater Basin Investigation currently being conducted by Monterey County using the USGS. Key data regarding demands and supplies are needed from the County's groundwater model to both the DCP and the Basin Study as shown in Figure 3. Key points of coordination needed between the DCP and the Basin Study are illustrated in Table 2:

<b>DCP Task</b>	<b>Basin Study Task</b>	<b>Comments</b>
1 Initial Planning Steps	1. Study Work Plan	Coordinated schedules, coordinated stakeholder processes
5. Vulnerability Assessment	5. System Reliability Analysis	Common definition of the water needs
6. Mitigation Actions	6. Alternatives Development and Evaluation	Interrelated potential projects to address the water needs. Coordinated evaluation of alternatives
8. Admin & Organizational Framework	Stakeholder Processes	Coordinated and consistent public information processes and stakeholders

Figure 3 shows the DCP 2 year program and linkages to the Salinas & Carmel Rivers Basin Study and the Salinas River Groundwater Basin Investigation.





→ **Key Data from Monterey County Model**  
↔ **Key Tasks with Coordination Between DCP & Basin Study**

Figure 3. DCP, Basin Study and Salinas River Groundwater Basin Investigation Coordinated Schedules

## DCP Budget

### Agency Costs

Monterey Peninsula Water Management District administration will include an allocation of up to seven staff members with some level of responsibility in each of Tasks 1 through 11. The General Manager, David Stoldt, will have Program Manager responsibility. However, as shown in Table 3 other staff will have additional responsibilities receiving and administering federal grant funds, regular conference calls and meetings, contract consultant management, budget and schedule tracking, performance and documentation of project progress and success, overseeing and advising on technical complexities and local data needs, reviewing contracted work product. MPWMD staff will coordinate the other public agencies comprising the Drought Contingency Plan Task Force, the Advisory Committee, and the Outreach Group.

Key MPWMD employees are as follows:

- General Manager: David Stoldt
- District Engineer and Planning and Engineering Manager: Larry Hampson
- Water Demand Manager: Stephanie Locke
- Water Resources Manager: Joe Oliver
- Senior Hydrologist: Jonathon Lear
- Water Project Manager: Currently being hired
- Administrative Services: Suresh Prasad

Employee tasks, hours, labor rates, and fringe rates have been clearly shown in the Table 3 Budget Proposal. Travel, equipment, materials, and supplies, as well as indirect costs, have been budgeted at zero dollars. In the event such out-of-pocket costs occur, MPWMD will absorb them with no offset from federal monies received.

Table 3. Budget Proposal

Task	Subtask	General Manager	District Engineer	Water Demand Manager	Water Resources Manager	Senior Hydrologist	Water Project Manager	Administrative Services	Total
1. Initial Planning Steps	001 Drought Planning Task Force	2	4	2			8		16
	002 Detailed Work Plan	3	8	8	4	4	10	3	40
	003 Communication and Outreach Plan	4	4	8			6		22
2. Background and Study Area	001 Study Area		2		1				3
	002 Background		4						4
	003 Review Plans								0
	004 Drought History	1		3	2	4			10
3. Supplies and Demands	001 Review Data and Models		5		4	4	1		14
	002 Surface Water Supplies		2				2		4
	003 Groundwater Supplies				2		2		4
	004 Other Supply Sources		2			2	2		6
	005 Urban Demands	1	1	2					4
	006 Ag and Other Demands								0
	007 Conservation Programs			4					4
	008 Supply to Demand Comparison	1							1
4. Drought Monitoring Process	001 Drought Indicators	1		1	1	2			5
	002 Drought Triggers	1		1	1	2			5
5. Vulnerability Assessment	000 Assess Supply Vulnerability		3				2		5
	000 No Action Consequences	1	3	2	3	3	4		16
	000 Climate Change Impacts	1	4			3	3		11
6. Mitigation Actions	001 Drought Mitigation Measures		2				6		8
	002 Initial List of Drought Projects		2				6		8
	003 Short List of Drought Projects		2				6		8
	004 Benefits of Projects		2				6		8
	005 Implementation		4		2	2	6		14
7. Response Actions	001 Response Actions	1	2	4					7
8. Admin and Organizational Framework	001 Drought Response Organization	10	8	12			4	6	40
	002 Participating Agencies Process	12	4	4			2	4	26
	003 Stakeholder Process	12	4	4			2	4	26
9. Update Process	001 Default Task		2				2		4
10. Drought Plan Document	001 First Draft	2	8	2	2		2		16
	002 Second Draft	2	4	2	1		1		10
	004 Final Report	2	2	2	1		1		8
11. Project Management	001 Project Management	12	40	20			20	36	128
	002 Meetings	20	20	12			12		64
Total Hours		89	148	93	24	26	116	53	549
Labor Rate per Hour		\$ 93.75	\$ 67.82	\$ 50.32	\$ 55.92	\$ 50.22	\$ 50.22	\$ 64.62	
Salaries and Wages		\$ 8,344	\$ 10,037	\$ 4,680	\$ 1,342	\$ 1,306	\$ 5,826	\$ 3,425	\$34,959
Fringe Benefit Rate		\$ 19.33	\$ 17.83	\$ 15.73	\$ 35.85	\$ 33.86	\$ 33.92	\$ 17.40	
Fringe Benefits		\$ 1,720	\$ 2,639	\$ 1,463	\$ 860	\$ 880	\$ 3,935	\$ 922	\$12,420
Travel		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0
Equipment		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0
Materials/Supplies		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0
Contractual - Direct (see Table 4)									\$422,939
Total Direct Costs									\$470,318
Indirect Costs		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0
Total Project Costs									\$470,318

## Contractual Costs

The costs shown in Table 4 below reflect the consulting team to be competitively selected to conduct the Drought Contingency Plan tasks as identified.

Table 4 Contracted Costs										
Task	Subtask	Engineering Consultant	Public Involvement Consultant	Planning Consultant	Donald Wilhite Senior Researcher	Labor Hours	Labor Cost	Materials and Travel	Total by Subtask	
<b>1. Initial Planning Steps</b>	001	Drought Planning Task Force	4	32	4	4	44	\$8,332	\$2,425	\$10,757
	002	Detailed Work Plan	36		8	16	60	\$13,754	\$2,009	\$15,763
	003	Communication and Outreach Plan	4	46	4	4	58	\$10,942	\$734	\$11,676
<b>2. Background and Study Area</b>	001	Study Area	18				18	\$3,764	\$0	\$3,764
	002	Background	16				16	\$3,736	\$0	\$3,736
	003	Review Plans	16				16	\$3,614	\$0	\$3,614
	004	Drought History	8				8	\$2,021	\$0	\$2,021
<b>3. Supplies and Demands</b>	001	Review Data and Models	8				8	\$2,143	\$0	\$2,143
	002	Surface Water Supplies	12				12	\$2,077	\$0	\$2,077
	003	Groundwater Supplies	4				4	\$1,011	\$0	\$1,011
	004	Other Supply Sources	24				24	\$5,351	\$0	\$5,351
	005	Urban Demands	12				12	\$2,077	\$0	\$2,077
	006	Ag and Other Demands	12		8		20	\$3,677	\$80	\$3,757
	007	Conservation Programs	12		8		20	\$3,677	\$80	\$3,757
	008	Supply to Demand Comparison	28				28	\$4,736	\$0	\$4,736
<b>4. Drought Monitoring</b>	001	Drought Indicators	34				34	\$6,312	\$0	\$6,312
	002	Drought Triggers	42				42	\$7,378	\$0	\$7,378
<b>5. Vulnerability Assessment</b>	000	Assess Supply Vulnerability	32				32	\$7,229	\$0	\$7,229
	000	No Action Consequences	34				34	\$6,312	\$0	\$6,312
	000	Climate Change Impacts	44				44	\$9,259	\$0	\$9,259
<b>6. Mitigation Actions</b>	001	Drought Mitigation Measures	40				40	\$8,295	\$700	\$8,995
	002	Initial List of Drought Projects	50		8		58	\$12,557	\$80	\$12,637
	003	Short List of Drought Projects	84		8		92	\$19,657	\$780	\$20,437
	004	Benefits of Projects	50		16		66	\$14,157	\$160	\$14,317
	005	Implementation	38				38	\$7,804	\$0	\$7,804
<b>7. Response Actions</b>	001	Response Actions	40				40	\$8,822	\$0	\$8,822
<b>8. Admin and Organizational Framework</b>	001	Drought Response Organization	12	22		8	42	\$8,134	\$277	\$8,411
	002	Participating Agencies Process	50	92	56		198	\$39,402	\$11,020	\$50,423
	003	Stakeholder Process	48	140	24		212	\$39,203	\$5,533	\$44,737
<b>9. Update Process</b>	001	Default Task	30				30	\$6,738	\$0	\$6,738
<b>10. Drought Plan Document</b>	001	First Draft	156	8	40	4	208	\$36,335	\$1,140	\$37,475
	002	Second Draft	102	2	8	2	114	\$20,513	\$100	\$20,613
	004	Final Report	64	2	8	2	76	\$14,111	\$1,252	\$15,363
<b>11. Project Management</b>	001	Project Management	120	4			124	\$27,327	\$739	\$28,066
	002	Meetings	64	6			70	\$17,057	\$8,315	\$25,372
<b>Total</b>			1348	354	200	40	1942	\$387,516	\$35,423	\$422,939

# North Monterey County Drought Contingency Plan Communication and Outreach Plan

## Geographic Project Area and Community Overview

This Communication and Outreach Plan describes how stakeholders and the general public will be informed of and involved in the planning process, including providing input on the drafting of the Drought Contingency Plan (DCP) and providing feedback to the Task Force.

## Study Overview

The DCP Communication and Outreach Plan coincides with the DCP Detailed Work Plan and elaborates on DCP Tasks 1.1, 1.3, and 8.

- Appoint and describe Drought Task Force (*Underway*)
- State purpose and objective

Develop a process to identify appropriate stakeholders and interested parties who would contribute to the process by participating. Potential stakeholders include water agencies, County agencies, business groups, agricultural groups, property owners, environmental groups, and special interest groups, such as the Salinas Valley Water Coalition and the Grower–Shipper Association.

## Study Audience and Participants

- Key Stakeholders
- General Public

## Outreach Goals

The purpose of this effort is to build understanding, involvement, and support for drought contingency planning throughout the defined affected region.

The Task Force will coordinate, gather data from existing sources, and make initial planning decisions to be vetted by various stakeholders and the North County communities through a series of collaborative activities.

At various intervals during the process, data collection and assessment will reach plateaus or milestones. These are opportune times in the process where key stakeholders and the general public could be briefed on the status of assessments and provide comment and input to the Task Force. These intervals in the process may be difficult to initially pinpoint but it is anticipated that 3 “Drought Summit Workshops” could occur during the process as identified in the later section “Opportunities for Providing Input - Public Involvement Workshops”.

## Internal Engagement: Drought Task Force

The Task Force will be convened for a kickoff workshop to introduce team members, project purpose, scope, schedule, and committee operating guidelines. The kickoff workshop will solicit and document stakeholder issues and values pertaining to drought management and risk levels that will serve as guiding principles throughout the project.

## External Engagement

- Stakeholders
- Public

It is essential for Task Force members to identify citizen groups (stakeholders) that have a stake in drought contingency planning, and to understand their interests (environmental, civic, agricultural, etc.). These groups will be involved early and continuously in the interest of fair representation and effective drought management and planning. Opportunities to discuss and understand diverse viewpoints will be an integral part of the process. It is envisioned that the series of stakeholder forums will have a unique, memorable name such as the “Drought Summit Series.”

- Assist with coordinating and conducting a total of three Drought Summit Series workshops. Assist with promoting the workshops and inviting stakeholders. Provide workshop agendas and handout materials as necessary including summaries of existing policies and industry examples. Prepare a summary documenting the meeting discussions and outcomes.
- Task Force Meetings
  - Participation
  - Feedback/Input
  - Venues
- Public Meetings
  - Participation
  - Feedback/Input
  - Venues

## Outreach Tactics and Tools

Once the Task Force is formed, kickoff activities will include a summit session to define the objectives, timeline, and financial obligations of each participating agency and/or organization represented. This session will include a focus on desired outcomes and key milestones to be achieved.

A series of relevant topical Workshops or Public Informational Meetings will be developed to inform and involve stakeholders, the public, and media (Drought Summit Series). Topics would be determined by the Task Force based on informational objectives identified to reach key milestones. Outcomes of each topical Workshop will be documented and provided to the Task Force and public/stakeholders.

### Outreach Tools

**Notification/Announcements.** Possible subjects for the Drought Summit Series stakeholder workshops include: criteria for defining water shortages, potential actions in advance of water shortage, priorities of water use, classes of customers, nonessential uses, environmental (instream flows), recreational needs, and overall drought equity issues.

- Prepare announcements and distribute via email and social media.
- Prepare advertisements for general public awareness of the Drought Summit Series workshops for print and digital media distribution

## Informational Materials

Providing information to and receiving input from community members will be critical as well. For simplification, the following list of activities is categorized, though there is overlap between some of the categories and actions.

- Web activities: expand existing Monterey Peninsula, Carmel Bay, and South Monterey Bay Integrated Regional Water Management ([www.mpirwm.org](http://www.mpirwm.org)) websites to include pages with DCP project-related information, maps, data, and contact information.
  - Provide guidance on functionality for ease of use by a variety of potential participants/users.
  - Password-protected pages could be incorporated that house modelling information, GIS functions, and information being developed and shared by team members but not yet ready for release to broader audiences.
  - Once information is ready for broader publication it can move to common access areas of these web pages.
- Written communications: produce and distribute email updates, informational project fact sheet, and press releases.
- Initiate articles for appropriate newspapers and other publications and websites.
- As appropriate, arrange for face-to-face activities including personal briefings with small stakeholder groups, presentations at neighborhood meetings, and offer presentations via a speaker's bureau.
- Assist the project team with creating PowerPoint presentations and other informational materials for public workshops and Task Force meetings.
- Use social media tools (Twitter, Facebook) and email to generate community interest and direct the public and stakeholders to project-related web resources.

## Study Participant Database

Utilize a contact management database to track and provide segmentation of the various participants, stakeholders, and stakeholder groups in order to direct targeted communications as appropriate. Such a tool provides for tracking of which stakeholders attend which meetings, who was sent information, and who may have issues that need to be tracked and/or addressed over time.

Create segmented classifications per stakeholder audience definitions for contact management, mailing lists, and email broadcasts. Maintain and manage customer contact records, mailing lists, and email lists on an on-going basis. Manage data security, integrity, and data hygiene. Maintain database, coordinate updates, and make modifications to system as needed

## Measurements of Success

Establish agreed-upon indicators of successful community and stakeholder outreach efforts.

Measurements can document outreach effectiveness to audiences and can be conducted in several ways, for example:

- Audience/participant comments gathered at meetings, workshops, speaker's bureau presentations, and community events.

- General comments registered by the public through the website, and received via email.
- Number of letters received from local agencies and stakeholder groups.
- Measure traffic on project web pages and responses on social media.

### Opportunities for Providing Input - Public Involvement Workshops

The DCP is part of a multi-agency effort. Input opportunities for stakeholders and the public can occur throughout the process but we anticipate 3 key workshops where collated data is at a point where weighing viewpoints and gathering input is valuable.

The Drought Summit Workshop will focus on 3 areas (potential dates of the summits are shown):

1. Discuss preliminary supply & demand and identification of potential mitigation options to be addressed. Receive any additional potential mitigation options to have a complete list. Discuss goals, objectives and measures of success for screening mitigation actions  
July 2016
2. Discuss the definition of vulnerability and define the needs to be addressed with mitigation actions  
April 2017
3. Discuss early results of mitigation action screening and receive input to adjust analysis as needed. September 2017

### Coordination with Basin Study Plan Activities

The next few pages outline how the DCP efforts could potentially interface with the broader Salinas and Carmel River Basin Study (Basin Study) plan.

Coordinate with Reclamation regarding the interface of the DCP and the Basin Study:

- Coordinate public outreach process when possible between both activities; meetings, social media outreach tools, and associated stakeholder contact database management software
- Webpage management could address both Reclamation and local participating agency requirements
- Coordinate technical products sharing with public outreach processes between the DCP and the Basin Study

#### Communication Plan Outlines - Depicting Potential Overlaps and Differences

DCP	Basin Study	Comments
<p><b>Geographic Project Area and Community Overview</b></p> <p>Prepare a communication and outreach plan that provides an explanation of how stakeholders and the public will be involved in the planning process, including providing input on the drafting of the Drought Contingency Plan and providing feedback to the Task Force.</p>	<p><b>Geographic Project Area and Community Overview</b></p> <p>(State the problem)</p>	<p>Parallel activities that need to link directly at the geographic overlap of the project areas</p>



Communication Plan Outlines - Depicting Potential Overlaps and Differences		
DCP	Basin Study	Comments
<b>Study Overview</b> (Performance Work Statement and Plan of Study or Approach)	<b>Study Overview</b> (Performance Work Statement and Plan of Study or Approach)	
- Appoint and describe Drought Task Force		
- State purpose and objective		
Develop a process to identify and contact stakeholders. Potential stakeholders include water agencies, County agencies, business groups, homeowners, environmental groups, and citizens groups, such as the Salinas Valley Water Coalition and the Grower-Shipper Association.		
<b>Study Audience and Participants</b>	<b>Study Audience and Participants</b>	Develop total list of stakeholders in the Basin Study Area with notation of those also in the DCP area. Use of a Contact Manager database will help to manage this.
Key Stakeholders	Cost Share Partners	
Public	Stakeholders	
	Public	
<b>Outreach Goals</b> Informing participant, stakeholders and public through-out the process steps. Explain informational gaps. And once drought plans are created inform and educate stakeholders and public about them.	<b>Outreach Goals</b> (list primary goals/ objectives)	Illustrate the goals and activities that are consistent between the projects and those that are not. See the attached comparison of project tasks to the right
<b>Internal Engagement</b>	<b>Internal Engagement</b>	Some common agencies - Learn what each is doing: their roles, their reach, etc.
<b>Drought Task Force</b>	<b>Project Steering Team</b> List Tentative Dates	Develop process for consistency of message and accuracy of common and different activities between the studies.
	<b>Executive Committee</b> List Tentative Dates	
The Task Force will be convened for a kickoff workshop to introduce team members, project purpose, scope, schedule, and committee operating guidelines. The kickoff workshop will solicit and document stakeholder issues and values pertaining to drought management and risk levels that will serve as guiding principles throughout the project.		

Communication Plan Outlines - Depicting Potential Overlaps and Differences		
DCP	Basin Study	Comments
<b>External Engagement</b>	<b>External Engagement</b>	
It is essential for Task Force members to identify citizen groups (stakeholders) that have a stake in drought contingency planning, and to understand their interests (environmental, civic, agricultural, etc.). These groups will be involved early and continuously in the interest of fair representation and effective drought management and planning. Opportunities to discuss and understand diverse viewpoints will be an integral part of the process. It is envisioned that the series of stakeholder forums will have a unique, memorable name such as the "Drought Summit Series."		Combine and coordinate external meetings to the extent that stakeholder organizations can come together in appropriate geographic areas and in time frames that coincide with key study milestones. Acknowledge some meetings may have to be held separately.
Conduct a total of three Drought Summit workshops. Provide meeting agenda and handout materials as necessary including summaries of existing policies and industry examples. Prepare memorandum documenting the meeting discussions.		The capabilities of the coordinators is key to bringing this all together.
<b>Task Force Meetings</b>	<b>Technical Advisory Group Meetings</b>	Some common members - Maximize involvement of key decision makers.
Participation	Participation	
Feedback/ Input	Feedback/ Input	
Venues	Venues	
<b>Public Meetings</b>		Some common members
Participation		
Feedback/ Input		
Venues		
<b>Outreach Tactics and Tools</b>	<b>Outreach Tactics and Tools</b>	
Once the Task Force is formed kickoff activities will include defining the objectives, timeline and financial obligations of each participating agency and/or organization represented.		May be several opportunities to combine efforts. Combine and coordinate tactics and tools when and where appropriate.
A series of relevant topical Workshops or Public Informational meetings will be developed to inform stakeholders, the public and media alike. Topics would be determined by the Task Force based on informational objectives needed to reach key milestones. Outcomes of each topical Workshop will be feedback to the Task Force.		

<b>Communication Plan Outlines - Depicting Potential Overlaps and Differences</b>		
<b>DCP</b>	<b>Basin Study</b>	<b>Comments</b>
<b>Notification/Announcements</b>	<b>Notification/Announcements</b>	
Possible subjects for the stakeholder workshops include criteria for defining water shortages, potential actions in advance of water shortage, priorities of water use, classes of customers, nonessential uses, environmental (instream flows), recreational needs, and overall drought equity issues.	Use periodic email broadcasts to keep all audience segments informed. These would be monthly, bi-monthly or quarterly but always consistent. During dormant informational periods we provide updates on what research, modeling or studies are underway.	Notifications could be cross coordinated whenever possible.
<b>Announcements Email/Mailers/Twitter</b>	<b>Announcements Email/Mailers/Twitter</b>	Similar for each
<b>Advertisements Print &amp; Digital</b>	<b>Advertisements Print &amp; Digital</b>	Similar for each
<b>Informational Materials</b>	<b>Informational Materials</b>	
Providing information and receiving input from various community members will be critical as well. For simplification, the following list of activities is categorized, though there is overlap between some of the categories and items.		Similar process for each.
Web activities: Expand existing Monterey Peninsula, Carmel Bay, and South Monterey Bay Integrated Regional Water Management ( <a href="http://www.mpirwm.org">www.mpirwm.org</a> ) website to include pages with DCP project related information, maps and data. Provide guidance on functionality for ease of use by a variety of potential participant users.	Web activities: Expand existing Monterey Peninsula, Carmel Bay, and South Monterey Bay Integrated Regional Water Management ( <a href="http://www.mpirwm.org">www.mpirwm.org</a> ) website to include pages with DCP project related information, maps and data. Provide guidance on functionality for ease of use by a variety of potential participant users.	Similar for both efforts. Assumes Project Website will be hosted, managed and maintained by Reclamation Staff but outreach team will provide guidance for organizing information and provide content as appropriate.
<b>Written communication</b> Activities include e-mail updates, informational materials, newspaper articles and press releases		Similar for each.
<b>Face-to-Face</b> Activities include one-to-one briefings, small group/round table discussions, neighborhood meetings, formal presentations, speakers bureau, and facility tours		May not be appropriate for both
<b>Use of Social Media</b> To direct stakeholders to project-related web pages/website		May not be appropriate for both

Communication Plan Outlines - Depicting Potential Overlaps and Differences		
DCP	Basin Study	Comments
<b>Study Participant Database</b>	<b>Study Participant Database</b>	
Utilize a contact manager database to track and segment the various stakeholders and stakeholder groups. Such a tool allows tracking who comes to which meeting, who was sent information and who had issues that needed to be tracked over time.	Utilize a contact manager database to track and segment the various stakeholders and stakeholder groups. Such a tool allows tracking who comes to which meeting, who was sent information and who had issues that needed to be tracked over time.	One overall database indicating which project they participate in, mtgs attended, documents received, correspondence, etc.
<b>Roles and Responsibilities</b>	<b>Roles and Responsibilities</b>	Possible to merge the communications into single documents to clearly indicate Reclamation funded activities benefiting the Basins?
<b>Email/Mailers to Stakeholder Database</b>	<b>Email/Mailers to Stakeholder Database</b>	
<b>Advertisements</b>	<b>Advertisements</b>	
<b>Media Relations</b>	<b>Media Relations</b>	
<b>Measurements of success</b>	<b>Measurements of success</b>	
Establish agreed upon indicators	Establish agreed upon indicators	<p>Measurements help note progress and can acknowledge achievement of objectives</p> <ul style="list-style-type: none"> <li>This plan can identify specific measurements in each tactical section. Other opportunities for measuring success include:</li> <li>Media coverage is balanced and accurate.</li> </ul> <p><b>Counting the numbers</b></p> <ul style="list-style-type: none"> <li>Attendance at various stakeholder and public meetings and presentations, and community events. Results of this data, including monitoring and documenting oral comments received at each activity, could be compiled in a summary report.</li> <li>Quantity of letters of support received from local agencies and stakeholder groups.</li> <li>Quantity of public input via phone calls, email through the website and various social media platforms.</li> </ul>

**ITEM: CONSENT CALENDAR****8. DECLARATION OF SURPLUS ASSETS**

<b>Meeting Date:</b>	<b>March 21, 2016</b>	<b>Budgeted:</b>	<b>N/A</b>
<b>From:</b>	<b>David J. Stoldt, General Manager</b>	<b>Program/ Line Item No.:</b>	<b>N/A</b>
<b>Prepared By:</b>	<b>Cynthia Schmidlin</b>	<b>Cost Estimate:</b>	<b>N/A</b>

**General Counsel Approval: N/A****Committee Recommendation: The Administrative Committee reviewed this item on March 14, 2016 and recommended approval.****CEQA Compliance: N/A**

**SUMMARY:** In accordance with Article 16, Section 6 of the California Constitution, the District, as a public entity, may dispose of property that it no longer needs provided that such property is transferred for fair and adequate value. The District may establish its own internal controls to ensure that value is accurately assessed. In the event the excess property has no value, the District may establish its own rules and protocol for disposal. On July 21, 2003, the Board of Directors adopted a Policy Regarding Disposal of Surplus Property. The guidelines set forth in the District's policy state that Surplus District property that is determined to have no value may be donated to a non-profit organization that is willing to accept it or disposed of at a landfill or by other appropriate manner. The following items have been determined to be of no value.

Decommissioned Computer Equipment

<u>White-Box Computer</u>	<u>NONE</u>
<u>UPS SU1460RMXLNET</u>	<u>US0110006411</u>
<u>UPS - 800RT</u>	<u>P89037405</u>
<u>UPS - SUA 1500</u>	<u>AS0938330454</u>
<u>MSI Computer</u>	<u>Z050100354</u>
<u>APC BackUPS-CS350</u>	<u>BB0705042703</u>
<u>APC BackUPS BR900</u>	<u>5B0745U06800</u>
<u>Staff Workstation</u>	<u>CJM20080701-16</u>
<u>Staff Workstation</u>	<u>CJM20080701-05</u>
<u>Staff Workstation</u>	<u>CJM20080701-11</u>
<u>Staff Workstation</u>	<u>CJM20080701-07</u>
<u>Staff Workstation</u>	<u>CJM20080701-10</u>
<u>Staff Workstation</u>	<u>CJM20080701-14</u>
<u>Envision 17" Monitor</u>	<u>27958JA004423</u>
<u>Staff Workstation</u>	<u>CJM20080701-13</u>
<u>Staff Workstation</u>	<u>CJM20080701-12</u>
<u>Staff Workstation</u>	<u>CJM20080701-19</u>
<u>LG 15" Monitor</u>	<u>406MXVW060407</u>
<u>PLANAR 15" Monitor</u>	<u>23L22200781</u>

**RECOMMENDATION:** Declare the listed items as surplus assets to be donated to the Monterey Regional Waste Management District's Last Chance Mercantile for either resale or disposal.

**EXHIBITS**

None

**ITEM: CONSENT CALENDAR****9. CONSIDER ADOPTION OF TREASURER'S REPORT FOR JANUARY 2016**

<b>Meeting Date:</b>	<b>March 21, 2016</b>	<b>Budgeted:</b>	<b>N/A</b>
<b>From:</b>	<b>David J. Stoldt, General Manager</b>	<b>Program/ Line Item No.:</b>	<b>N/A</b>
<b>Prepared By:</b>	<b>Suresh Prasad</b>	<b>Cost Estimate:</b>	<b>N/A</b>

**General Counsel Review: N/A****Committee Recommendation: The Administrative Committee reviewed this item on March 14, 2016 and recommended approval.****CEQA Compliance: N/A**

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**SUMMARY:** Exhibit 9-A comprises the Treasurer's Report for January 2016. Exhibit 9-B, Exhibit 9-C and Exhibit 9-D are listings of check disbursements for the period January 1-31, 2016. Check Nos. 24475 through 24654, the direct deposits of employee's paychecks, payroll tax deposits, and bank charges resulted in total disbursements for the period in the amount of \$435,144.70. There was no conservation rebates paid this month. Exhibit 9-E reflects the unaudited version of the financial statements for the month ending January 31, 2016.

**RECOMMENDATION:** District staff recommends adoption of the January 2016 Treasurer's Report and financial statements, and ratification of the disbursements made during the month. The Administrative Committee reviewed this item at its March 14, 2016 meeting and voted 3 to 0 to recommend approval.

**EXHIBITS**

- 9-A** Treasurer's Report
- 9-B** Listing of Cash Disbursements-Regular
- 9-C** Listing of Cash Disbursements-Payroll
- 9-D** Listing of Other Bank Items
- 9-E** Financial Statements





**EXHIBIT 9-A**

**MONTEREY PENINSULA WATER MANAGEMENT DISTRICT  
TREASURER'S REPORT FOR JANUARY 2016**

<u>Description</u>	<u>Checking</u>	<u>MPWMD Money Market</u>	<u>L.A.I.F.</u>	<u>Wells Fargo Investments</u>	<u>MPWMD Total</u>	<u>PB Reclamation Money Market</u>
Beginning Balance	(\$72,231.01)	\$1,803,338.83	\$1,146,424.91	\$2,002,086.71	4,879,619.44	\$795,189.47
Transfer to/from LAIF		(750,000.00)	750,000.00		0.00	
Fee Deposits		132,083.19			132,083.19	384,159.51
Interest		30.17	493.09	2,291.47	2,814.73	14.42
Transfer-Money Market to Checking	\$600,000.00	(600,000.00)			0.00	
Transfer-Money Market to W/Fargo					0.00	
Transfer-W/Fargo to Money Market					0.00	
W/Fargo-Investment Purchase					0.00	
Transfer Ckg to MPWMD M/Mrkt					0.00	
MoCo Tax & WS Chg Installment Pymt					0.00	
Transfer to CAWD					0.00	(750,000.00)
Voided Cks					0.00	
Bank Corrections/Reversals/Errors	\$0.60				0.60	
Bank Charges/Rtn'd Deposits/Other	(\$310.05)	(45.75)			(355.80)	(60.00)
Payroll Tax Deposits	(\$24,930.16)				(24,930.16)	
Payroll Checks/Direct Deposits	(\$119,472.76)				(119,472.76)	
General Checks	(\$289,976.80)				(289,976.80)	
Bank Draft Payments	(\$455.53)				(455.53)	
<b>Ending Balance</b>	<b>\$92,624.29</b>	<b>\$585,406.44</b>	<b>\$1,896,918.00</b>	<b>\$2,004,378.18</b>	<b>\$4,579,326.91</b>	<b>\$429,303.40</b>



**Check Report**

By Check Number

Date Range: 01/01/2016 - 01/31/2016



Monterey Peninsula Water Mgmt District

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
<b>Bank Code: APBNK</b>	<b>-Bank of America Checking</b>					
00078	Michael Hutnak	01/11/2016	Regular	0.00	-1,680.00	23610
00254	MoCo Recorder	01/07/2016	Regular	0.00	-32.00	23675
00254	MoCo Recorder	01/21/2016	Regular	0.00	-29.00	24186
04708	Tyler Business Forms	01/21/2016	Regular	0.00	-178.92	24457
10227	Aramark Sports & Entertainment, LLC	01/04/2016	Regular	0.00	519.48	24475
00253	AT&T	01/04/2016	Regular	0.00	98.96	24476
00253	AT&T	01/04/2016	Regular	0.00	604.40	24477
01352	Dave Stoldt	01/04/2016	Regular	0.00	703.05	24478
00046	Delay & Laredo	01/04/2016	Regular	0.00	38,918.13	24479
08929	HDR Engineering, Inc.	01/04/2016	Regular	0.00	4,030.07	24480
00755	Peninsula Welding Supply, Inc.	01/04/2016	Regular	0.00	54.00	24481
00282	PG&E	01/04/2016	Regular	0.00	319.09	24482
00269	U.S. Bank	01/04/2016	Regular	0.00	4,227.71	24483
	**Void**	01/04/2016	Regular	0.00	0.00	24484
00254	MoCo Recorder	01/07/2016	Regular	0.00	29.00	24487
00254	MoCo Recorder	01/07/2016	Regular	0.00	56.00	24488
00254	MoCo Recorder	01/07/2016	Regular	0.00	61.00	24489
00254	MoCo Recorder	01/07/2016	Regular	0.00	61.00	24490
00254	MoCo Recorder	01/07/2016	Regular	0.00	29.00	24491
00254	MoCo Recorder	01/21/2016	Regular	0.00	-55.00	24492
00254	MoCo Recorder	01/07/2016	Regular	0.00	55.00	24492
00254	MoCo Recorder	01/07/2016	Regular	0.00	61.00	24493
00254	MoCo Recorder	01/07/2016	Regular	0.00	29.00	24494
00254	MoCo Recorder	01/07/2016	Regular	0.00	29.00	24495
00254	MoCo Recorder	01/07/2016	Regular	0.00	61.00	24496
01188	Alhambra	01/07/2016	Regular	0.00	132.06	24497
00236	AT&T Long Distance	01/07/2016	Regular	0.00	9.47	24498
00252	Cal-Am Water	01/07/2016	Regular	0.00	85.75	24499
00243	CalPers Long Term Care Program	01/07/2016	Regular	0.00	40.56	24500
00230	Cisco WebEx, LLC	01/07/2016	Regular	0.00	123.40	24501
08894	Department of Treasury	01/07/2016	Regular	0.00	266.31	24502
00267	Employment Development Dept.	01/07/2016	Regular	0.00	3,655.53	24503
00758	FedEx	01/07/2016	Regular	0.00	36.27	24504
07624	Franchise Tax Board	01/07/2016	Regular	0.00	35.00	24505
07624	Franchise Tax Board	01/07/2016	Regular	0.00	85.98	24506
00285	Gabby Ayala	01/07/2016	Regular	0.00	161.71	24507
00072	Goodin,MacBride,Squeri,Day,Lamprey	01/07/2016	Regular	0.00	9,708.50	24508
00993	Harris Court Business Park	01/07/2016	Regular	0.00	721.26	24509
00768	ICMA	01/07/2016	Regular	0.00	5,380.41	24510
04717	Inder Osahan	01/07/2016	Regular	0.00	1,149.00	24511
03857	Joe Oliver	01/07/2016	Regular	0.00	1,730.68	24512
06745	KBA Docusys - Lease Payments	01/07/2016	Regular	0.00	1,033.23	24513
07622	KISTERS North America, Inc.	01/07/2016	Regular	0.00	2,004.00	24514
05053	Pacific Smog	01/07/2016	Regular	0.00	119.25	24515
01020	Paula Soto	01/07/2016	Regular	0.00	50.60	24516
00241	PC People	01/07/2016	Regular	0.00	21.67	24517
00154	Peninsula Messenger Service	01/07/2016	Regular	0.00	633.00	24518
00282	PG&E	01/07/2016	Regular	0.00	10.87	24519
00282	PG&E	01/07/2016	Regular	0.00	1,672.59	24520
06000	Potter's Electronics	01/07/2016	Regular	0.00	41.27	24521
00262	Pure H2O	01/07/2016	Regular	0.00	64.49	24522
00272	Red Shift Internet Services	01/07/2016	Regular	0.00	604.95	24523
04709	Sherron Forsgren	01/07/2016	Regular	0.00	637.86	24524
09351	Tetra Tech, Inc.	01/07/2016	Regular	0.00	10,836.40	24525

**EXHIBIT 9-B**

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## Check Report

Date Range: 01/01/2016 - 01/31/2016

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
00221	Verizon Wireless	01/07/2016	Regular	0.00	584.24	24526
00254	MoCo Recorder	01/13/2016	Regular	0.00	29.00	24527
00254	MoCo Recorder	01/13/2016	Regular	0.00	55.00	24528
00254	MoCo Recorder	01/13/2016	Regular	0.00	61.00	24529
00254	MoCo Recorder	01/13/2016	Regular	0.00	61.00	24530
00254	MoCo Recorder	01/13/2016	Regular	0.00	61.00	24531
00254	MoCo Recorder	01/13/2016	Regular	0.00	29.00	24532
00254	MoCo Recorder	01/13/2016	Regular	0.00	32.00	24533
00254	MoCo Recorder	01/21/2016	Regular	0.00	-38.00	24534
00254	MoCo Recorder	01/13/2016	Regular	0.00	38.00	24534
00254	MoCo Recorder	01/13/2016	Regular	0.00	14.00	24535
00249	A.G. Davi, LTD	01/15/2016	Regular	0.00	395.00	24536
04349	American Water Resources Assoc.	01/15/2016	Regular	0.00	179.00	24537
00253	AT&T	01/15/2016	Regular	0.00	376.98	24538
00253	AT&T	01/15/2016	Regular	0.00	858.86	24539
00036	Bill Parham	01/15/2016	Regular	0.00	650.00	24540
00252	Cal-Am Water	01/15/2016	Regular	0.00	254.75	24541
00243	CalPers Long Term Care Program	01/15/2016	Regular	0.00	40.56	24542
04043	Campbell Scientific, Inc.	01/15/2016	Regular	0.00	983.33	24543
00224	City of Monterey	01/15/2016	Regular	0.00	697.75	24544
06268	Comcast	01/15/2016	Regular	0.00	202.84	24545
00761	Delores Cofer	01/15/2016	Regular	0.00	397.00	24546
05164	GardenSoft	01/15/2016	Regular	0.00	4,000.00	24547
00277	Home Depot Credit Services	01/15/2016	Regular	0.00	118.37	24548
00094	John Arriaga	01/15/2016	Regular	0.00	2,500.00	24549
03969	Jonathan Lear	01/15/2016	Regular	0.00	42.52	24550
00280	Kevan Urquhart	01/15/2016	Regular	0.00	250.00	24551
00769	Laborers Trust Fund of Northern CA	01/15/2016	Regular	0.00	28,184.00	24552
00222	M.J. Murphy	01/15/2016	Regular	0.00	31.19	24553
00259	Marina Coast Water District	01/15/2016	Regular	0.00	184.77	24554
00259	Marina Coast Water District	01/15/2016	Regular	0.00	52.06	24555
00242	MBAS	01/15/2016	Regular	0.00	1,135.00	24556
00078	Michael Hutnak	01/15/2016	Regular	0.00	1,680.00	24557
00118	Monterey Bay Carpet & Janitorial Svc	01/15/2016	Regular	0.00	1,000.00	24558
00755	Peninsula Welding Supply, Inc.	01/15/2016	Regular	0.00	85.68	24559
00256	PERS Retirement	01/15/2016	Regular	0.00	13,565.45	24560
00282	PG&E	01/15/2016	Regular	0.00	22.12	24561
00282	PG&E	01/15/2016	Regular	0.00	20.71	24562
04736	Pitney Bowes Global Financial Svc, LLC	01/15/2016	Regular	0.00	387.80	24563
00752	Professional Liability Insurance Service	01/15/2016	Regular	0.00	103.76	24564
07627	Purchase Power	01/15/2016	Regular	0.00	500.00	24565
00987	SDRMA - Prop & Liability Pkg	01/15/2016	Regular	0.00	688.20	24566
00286	Stephanie L. Locke	01/15/2016	Regular	0.00	20.00	24567
00258	Thomas Brand Consulting, LLC	01/15/2016	Regular	0.00	13,692.50	24568
00269	U.S. Bank	01/15/2016	Regular	0.00	1,505.05	24569
00269	U.S. Bank	01/21/2016	Regular	0.00	-1,505.05	24569
00207	Universal Staffing Inc.	01/15/2016	Regular	0.00	2,996.18	24570
00754	Zone24x7	01/15/2016	Regular	0.00	2,867.00	24571
00254	MoCo Recorder	01/20/2016	Regular	0.00	29.00	24575
00254	MoCo Recorder	01/20/2016	Regular	0.00	29.00	24576
00254	MoCo Recorder	01/20/2016	Regular	0.00	29.00	24577
00254	MoCo Recorder	01/20/2016	Regular	0.00	29.00	24578
00254	MoCo Recorder	01/20/2016	Regular	0.00	61.00	24579
00254	MoCo Recorder	01/20/2016	Regular	0.00	32.00	24580
00254	MoCo Recorder	01/20/2016	Regular	0.00	-32.00	24580
00254	MoCo Recorder	01/20/2016	Regular	0.00	29.00	24581
00254	MoCo Recorder	01/20/2016	Regular	0.00	61.00	24582
00254	MoCo Recorder	01/20/2016	Regular	0.00	61.00	24583
00254	MoCo Recorder	01/20/2016	Regular	0.00	32.00	24584
00254	MoCo Recorder	01/21/2016	Regular	0.00	26.00	24585
00763	ACWA-JPIA	01/22/2016	Regular	0.00	472.10	24586

**EXHIBIT 9-B**

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## Check Report

Date Range: 01/01/2016 - 01/31/2016

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
00253	AT&T	01/22/2016	Regular	0.00	715.01	24587
00253	AT&T	01/22/2016	Regular	0.00	76.05	24588
00253	AT&T	01/22/2016	Regular	0.00	301.68	24589
00983	Beverly Chaney	01/22/2016	Regular	0.00	118.11	24590
06268	Comcast	01/22/2016	Regular	0.00	209.98	24591
04362	COSTCO MEMBERSHIP	01/22/2016	Regular	0.00	165.00	24592
07632	Debra Martin	01/22/2016	Regular	0.00	71.60	24593
00267	Employment Development Dept.	01/22/2016	Regular	0.00	3,886.54	24594
00287	Eric Sandoval	01/22/2016	Regular	0.00	36.88	24595
00192	Extra Space Storage	01/22/2016	Regular	0.00	703.00	24596
07624	Franchise Tax Board	01/22/2016	Regular	0.00	85.98	24597
07624	Franchise Tax Board	01/22/2016	Regular	0.00	35.00	24598
00285	Gabby Ayala	01/22/2016	Regular	0.00	86.09	24599
00285	Gabby Ayala	01/25/2016	Regular	0.00	-86.09	24599
01018	Geoff Malloway	01/22/2016	Regular	0.00	103.25	24600
04356	Government Finance Officers Association	01/22/2016	Regular	0.00	160.00	24601
08929	HDR Engineering, Inc.	01/22/2016	Regular	0.00	13,696.95	24602
00768	ICMA	01/22/2016	Regular	0.00	5,380.41	24603
06999	KBA Docusys	01/22/2016	Regular	0.00	966.45	24604
00242	MBAS	01/22/2016	Regular	0.00	1,320.00	24605
01199	Monterey Signs, Inc.	01/22/2016	Regular	0.00	173.63	24606
00225	Palace Office Supply	01/22/2016	Regular	0.00	101.18	24607
00755	Peninsula Welding Supply, Inc.	01/22/2016	Regular	0.00	52.78	24608
00282	PG&E	01/22/2016	Regular	0.00	6,938.78	24609
00282	PG&E	01/22/2016	Regular	0.00	9.89	24610
00251	Rick Dickhaut	01/22/2016	Regular	0.00	1,031.00	24611
05994	Robert Brower Sr.	01/22/2016	Regular	0.00	722.20	24612
00176	Sentry Alarm Systems	01/22/2016	Regular	0.00	125.50	24613
00283	SHELL	01/22/2016	Regular	0.00	400.55	24614
03979	Special Districts Association of Monterey County	01/22/2016	Regular	0.00	30.00	24615
04719	Telit Wireless Solutions	01/22/2016	Regular	0.00	184.28	24616
04353	Thomas Christensen	01/22/2016	Regular	0.00	400.00	24617
00207	Universal Staffing Inc.	01/22/2016	Regular	0.00	811.20	24618
00285	Gabby Ayala	01/25/2016	Regular	0.00	86.09	24619
00254	MoCo Recorder	01/28/2016	Regular	0.00	29.00	24620
00254	MoCo Recorder	01/28/2016	Regular	0.00	29.00	24621
00254	MoCo Recorder	01/28/2016	Regular	0.00	61.00	24622
00254	MoCo Recorder	01/28/2016	Regular	0.00	61.00	24623
00254	MoCo Recorder	01/28/2016	Regular	0.00	61.00	24624
00254	MoCo Recorder	01/28/2016	Regular	0.00	67.00	24625
00254	MoCo Recorder	01/28/2016	Regular	0.00	29.00	24626
00254	MoCo Recorder	01/28/2016	Regular	0.00	29.00	24627
00254	MoCo Recorder	01/28/2016	Regular	0.00	61.00	24628
00254	MoCo Recorder	01/28/2016	Regular	0.00	26.00	24629
00254	MoCo Recorder	01/28/2016	Regular	0.00	61.00	24630
00254	MoCo Recorder	01/28/2016	Regular	0.00	29.00	24631
00254	MoCo Recorder	01/28/2016	Regular	0.00	29.00	24632
00254	MoCo Recorder	01/28/2016	Regular	0.00	61.00	24633
00254	MoCo Recorder	01/28/2016	Regular	0.00	38.00	24634
00254	MoCo Recorder	01/28/2016	Regular	0.00	32.00	24635
00760	Andy Bell	01/29/2016	Regular	0.00	794.00	24636
00253	AT&T	01/29/2016	Regular	0.00	614.71	24637
00236	AT&T Long Distance	01/29/2016	Regular	0.00	6.88	24638
00024	Central Coast Exterminator	01/29/2016	Regular	0.00	208.00	24639
00028	Colantuono, Highsmith, & Whatley, PC	01/29/2016	Regular	0.00	10,697.67	24640
00046	Delay & Laredo	01/29/2016	Regular	0.00	24,591.50	24641
00758	FedEx	01/29/2016	Regular	0.00	42.59	24642
00072	Goodin,MacBride,Squeri,Day,Lamprey	01/29/2016	Regular	0.00	536.50	24643
06745	KBA Docusys - Lease Payments	01/29/2016	Regular	0.00	946.13	24644
00256	PERS Retirement	01/29/2016	Regular	0.00	13,794.20	24645
00282	PG&E	01/29/2016	Regular	0.00	1,864.62	24646

**EXHIBIT 9-B**

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Check Report

Date Range: 01/01/2016 - 01/31/2016

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
00282	PG&E	01/29/2016	Regular	0.00	5,009.59	24647
06747	Salinas Camper Shells & Truck Accessories	01/29/2016	Regular	0.00	1,245.65	24648
05831	Seaside-Sand City Chamber of Commerce	01/29/2016	Regular	0.00	250.00	24649
00766	Standard Insurance Company	01/29/2016	Regular	0.00	1,559.92	24650
09989	Star Sanitation Services	01/29/2016	Regular	0.00	85.11	24651
09351	Tetra Tech, Inc.	01/29/2016	Regular	0.00	16,930.28	24652
00207	Universal Staffing Inc.	01/29/2016	Regular	0.00	486.72	24653
08105	Yolanda Munoz	01/29/2016	Regular	0.00	540.00	24654

Payment Type	Bank Code APBNK		Summary	
	Payable Count	Payment Count	Discount	Payment
Regular Checks	219	174	0.00	293,612.86
Manual Checks	0	0	0.00	0.00
Voided Checks	0	10	0.00	-3,636.06
Bank Drafts	0	0	0.00	0.00
EFT's	0	0	0.00	0.00
	<b>219</b>	<b>184</b>	<b>0.00</b>	<b>289,976.80</b>

**Fund Summary**

<b>Fund</b>	<b>Name</b>	<b>Period</b>	<b>Amount</b>
99	POOL CASH FUND	1/2016	289,976.80
			<hr/>
			<b>289,976.80</b>





**EXHIBIT 9-C**

**Payroll Bank Transaction Report - MPWMD**



Monterey Peninsula Water Mgmt District

By Payment Number

Date: 1/1/2016 - 1/31/2016

Payroll Set: 01 - Monterey Peninsula Water Management District

Payment Number	Payment Date	Payment Type	Employee Number	Employee Name	Check Amount	Direct Deposit Amount	Total Payment
1978	01/08/2016	Regular	1024	Stoldt, David J	0.00	5,685.88	5,685.88
1979	01/08/2016	Regular	1025	Tavani, Arlene M	0.00	1,901.21	1,901.21
1980	01/08/2016	Regular	1006	Dudley, Mark A	0.00	2,878.44	2,878.44
1981	01/08/2016	Regular	1039	Flores, Elizabeth	0.00	1,785.43	1,785.43
1982	01/08/2016	Regular	1018	Prasad, Suresh	0.00	3,584.12	3,584.12
1983	01/08/2016	Regular	1019	Reyes, Sara C	0.00	1,856.56	1,856.56
1984	01/08/2016	Regular	1020	Sandoval, Eric J	0.00	1,933.84	1,933.84
1985	01/08/2016	Regular	1021	Schmidlin, Cynthia L	0.00	1,790.68	1,790.68
1986	01/08/2016	Regular	1022	Soto, Paula	0.00	1,420.53	1,420.53
1987	01/08/2016	Regular	1002	Bekker, Mark	0.00	1,627.69	1,627.69
1988	01/08/2016	Regular	1005	Christensen, Thomas T	0.00	2,548.85	2,548.85
1989	01/08/2016	Regular	1008	Hampson, Larry M	0.00	3,199.66	3,199.66
1990	01/08/2016	Regular	1013	Lyons, Matthew J	0.00	1,643.16	1,643.16
1991	01/08/2016	Regular	6028	Atkins, Daniel N	0.00	95.35	95.35
1992	01/08/2016	Regular	1004	Chaney, Beverly M	0.00	2,178.11	2,178.11
1993	01/08/2016	Regular	1007	Hamilton, Cory R	0.00	2,028.49	2,028.49
1994	01/08/2016	Regular	1009	James, Gregory W	0.00	2,933.31	2,933.31
1995	01/08/2016	Regular	1011	Lear, Jonathan P	0.00	2,731.76	2,731.76
1996	01/08/2016	Regular	1012	Lindberg, Thomas L	0.00	2,157.44	2,157.44
1997	01/08/2016	Regular	1016	Oliver, Joseph W	0.00	2,646.21	2,646.21
1998	01/08/2016	Regular	1026	Urquhart, Kevan A	0.00	1,868.76	1,868.76
1999	01/08/2016	Regular	1001	Ayala, Gabriela D	0.00	1,654.41	1,654.41
2000	01/08/2016	Regular	1041	Gonnerman, Maryan C	0.00	898.69	898.69
2001	01/08/2016	Regular	1010	Kister, Stephanie L	0.00	1,760.87	1,760.87
2002	01/08/2016	Regular	1017	Locke, Stephanie L	0.00	2,687.11	2,687.11
2003	01/08/2016	Regular	1014	Martin, Debra S	0.00	1,817.53	1,817.53
2004	01/22/2016	Regular	1024	Stoldt, David J	0.00	5,685.88	5,685.88
2005	01/22/2016	Regular	1025	Tavani, Arlene M	0.00	1,901.23	1,901.23
2006	01/22/2016	Regular	1006	Dudley, Mark A	0.00	2,878.44	2,878.44
2007	01/22/2016	Regular	1039	Flores, Elizabeth	0.00	1,729.70	1,729.70
2008	01/22/2016	Regular	1018	Prasad, Suresh	0.00	3,584.12	3,584.12
2009	01/22/2016	Regular	1019	Reyes, Sara C	0.00	1,856.57	1,856.57
2010	01/22/2016	Regular	1020	Sandoval, Eric J	0.00	1,933.84	1,933.84
2011	01/22/2016	Regular	1021	Schmidlin, Cynthia L	0.00	1,790.67	1,790.67
2012	01/22/2016	Regular	1022	Soto, Paula	0.00	1,420.53	1,420.53
2013	01/22/2016	Regular	1002	Bekker, Mark	0.00	1,627.68	1,627.68
2014	01/22/2016	Regular	1005	Christensen, Thomas T	0.00	2,548.85	2,548.85
2015	01/22/2016	Regular	1008	Hampson, Larry M	0.00	3,199.66	3,199.66
2016	01/22/2016	Regular	1013	Lyons, Matthew J	0.00	1,643.15	1,643.15
2017	01/22/2016	Regular	1023	Stern, Henrietta L	0.00	969.88	969.88
2018	01/22/2016	Regular	6028	Atkins, Daniel N	0.00	333.98	333.98
2019	01/22/2016	Regular	1004	Chaney, Beverly M	0.00	2,178.10	2,178.10
2020	01/22/2016	Regular	1007	Hamilton, Cory R	0.00	2,028.49	2,028.49
2021	01/22/2016	Regular	1009	James, Gregory W	0.00	2,933.31	2,933.31
2022	01/22/2016	Regular	1011	Lear, Jonathan P	0.00	2,731.78	2,731.78
2023	01/22/2016	Regular	1012	Lindberg, Thomas L	0.00	2,157.44	2,157.44
2024	01/22/2016	Regular	1016	Oliver, Joseph W	0.00	2,646.21	2,646.21
2025	01/22/2016	Regular	1026	Urquhart, Kevan A	0.00	1,868.76	1,868.76
2026	01/22/2016	Regular	1001	Ayala, Gabriela D	0.00	1,654.41	1,654.41
2027	01/22/2016	Regular	1041	Gonnerman, Maryan C	0.00	1,453.92	1,453.92
2028	01/22/2016	Regular	1010	Kister, Stephanie L	0.00	1,838.75	1,838.75
2029	01/22/2016	Regular	1017	Locke, Stephanie L	0.00	2,687.11	2,687.11
2030	01/22/2016	Regular	1014	Martin, Debra S	0.00	1,817.52	1,817.52
24485	01/08/2016	Regular	6033	Suwada, Joseph	58.18	0.00	58.18
24486	01/08/2016	Regular	1040	Smith, Kyle	880.61	0.00	880.61
24572	01/22/2016	Regular	6004	Malloway, Geoffrey J	617.84	0.00	617.84
24573	01/22/2016	Regular	6033	Suwada, Joseph	83.59	0.00	83.59

**EXHIBIT 9-C**

<b>Payment Number</b>	<b>Payment Date</b>	<b>Payment Type</b>	<b>Employee Number</b>	<b>Employee Name</b>	<b>Check Amount</b>	<b>Direct Deposit Amount</b>	<b>Total Payment</b>
24574	01/22/2016	Regular	1040	Smith, Kyle	1,418.46	0.00	1,418.46
<b>Totals:</b>					<b>3,058.68</b>	<b>116,414.08</b>	<b>119,472.76</b>

**EXHIBIT 9-D**



Monterey Peninsula Water Mgmt District

**Bank Transaction Report**

**Transaction Detail**

Issued Date Range: 01/01/2016 - 01/31/2016

Cleared Date Range: -

Issued Date	Cleared Date	Number	Description	Module	Status	Type	Amount
<b>Bank Account: 111 - Bank of America Checking - 0000 8170 8210</b>							
01/08/2016	01/31/2016	<a href="#">DFT0000677</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-9,838.26
01/08/2016	01/31/2016	<a href="#">DFT0000678</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-2,152.72
01/08/2016	01/31/2016	<a href="#">DFT0000679</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-20.62
01/13/2016	01/31/2016	<a href="#">DFT0000680</a>	Chevron	Accounts Payable	Cleared	Bank Draft	-455.53
01/15/2016	01/31/2016	<a href="#">SVC0000071</a>	To post bank service fee	General Ledger	Cleared	Service Charge	-310.05
01/21/2016	01/31/2016	<a href="#">SVC0000072</a>	To reverse service charge	General Ledger	Cleared	Service Charge Reversal	0.60
01/21/2016	01/31/2016	<a href="#">SVC0000072</a>	To post service charge	General Ledger	Cleared	Service Charge	-0.60
01/21/2016	01/31/2016	<a href="#">SVC0000003</a>	To adjust IRS error	General Ledger	Cleared	Service Charge Reversal	0.60
01/22/2016	01/31/2016	<a href="#">DFT0000682</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-10,539.98
01/22/2016	01/31/2016	<a href="#">DFT0000683</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-2,234.72
01/22/2016	01/31/2016	<a href="#">DFT0000684</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-143.86
<b>Bank Account 111 Total: (11)</b>							<b>-25,695.14</b>
<b>Report Total: (11)</b>							<b>-25,695.14</b>

**EXHIBIT 9-D**

**Bank Transaction Report**

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Issued Date Range: 01/01/2016 - 01/31/2016 Cleared Date Range: -

**Summary**

Bank Account	Count	Amount
<a href="#">111 Bank of America Checking - 0000 8170 8210</a>	11	-25,695.14
<b>Report Total:</b>	<b>11</b>	<b>-25,695.14</b>

Cash Account	Count	Amount
<a href="#">99 99-10-100100 Pool Cash Account</a>	11	-25,695.14
<b>Report Total:</b>	<b>11</b>	<b>-25,695.14</b>

Transaction Type	Count	Amount
Bank Draft	7	-25,385.69
Service Charge	2	-310.65
Service Charge Reversal	2	1.20
<b>Report Total:</b>	<b>11</b>	<b>-25,695.14</b>



Monterey Peninsula Water Mgmt District

**Statement of Revenue Over Expense - No Decimals**  
**Group Summary**

For Fiscal: 2015-2016 Period Ending: 01/31/2016

Level...	January Activity	January Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
<b>Revenue</b>								
R100 - Water Supply Charge	0	283,220	-283,220	0.00 %	1,985,810	3,400,000	-1,414,190	-58.41 %
R110 - Mitigation Revenue	0	200,920	-200,920	0.00 %	394,537	2,412,000	-2,017,464	-16.36 %
R120 - Property Taxes Revenues	0	130,781	-130,781	0.00 %	942,259	1,570,000	-627,741	-60.02 %
R130 - User Fees	3,181	6,248	-3,066	-50.92 %	27,521	75,000	-47,479	-36.69 %
R140 - Connection Charges	22,258	14,578	7,680	-152.69 %	143,285	175,000	-31,715	-81.88 %
R150 - Permit Processing Fee	12,495	14,578	-2,083	-85.71 %	84,523	175,000	-90,477	-48.30 %
R160 - Well Registration Fee	25	167	-142	-15.01 %	625	2,000	-1,375	-31.25 %
R180 - River Work Permit Application	0	0	0	0.00 %	75	0	75	0.00 %
R190 - WDS Permits Rule 21	3,200	4,665	-1,465	-68.60 %	38,621	56,000	-17,379	-68.97 %
R200 - Recording Fees	815	666	149	-122.30 %	6,229	8,000	-1,771	-77.86 %
R210 - Legal Fees	171	1,250	-1,079	-13.69 %	1,425	15,000	-13,575	-9.50 %
R220 - Copy Fee	5	0	5	0.00 %	64	0	64	0.00 %
R230 - Miscellaneous - Other	610	1,250	-640	-48.82 %	7,381	15,000	-7,619	-49.21 %
R240 - Insurance Refunds	0	0	0	0.00 %	1,352	0	1,352	0.00 %
R250 - Interest Income	2,815	1,250	1,565	-225.27 %	11,400	15,000	-3,600	-76.00 %
R260 - CAW - ASR	0	23,566	-23,566	0.00 %	0	282,900	-282,900	0.00 %
R265 - CAW - Los Padres Reimbursement	0	49,980	-49,980	0.00 %	0	600,000	-600,000	0.00 %
R270 - CAW - Rebates	38,821	58,310	-19,489	-66.58 %	352,342	700,000	-347,658	-50.33 %
R280 - CAW - Conservation	0	19,326	-19,326	0.00 %	0	232,000	-232,000	0.00 %
R290 - CAW - Miscellaneous	0	583	-583	0.00 %	0	7,000	-7,000	0.00 %
R300 - Watermaster	0	5,848	-5,848	0.00 %	0	70,200	-70,200	0.00 %
R305 - City of Seaside - Rebates	0	1,666	-1,666	0.00 %	0	20,000	-20,000	0.00 %
R310 - Other Reimbursements	0	5,415	-5,415	0.00 %	0	65,000	-65,000	0.00 %
R320 - Grants	0	22,908	-22,908	0.00 %	148,788	275,000	-126,212	-54.10 %
R510 - Operating Reserve	0	270,009	-270,009	0.00 %	0	3,241,400	-3,241,400	0.00 %
<b>Total Revenue:</b>	<b>84,396</b>	<b>1,117,178</b>	<b>-1,032,782</b>	<b>-7.55 %</b>	<b>4,146,237</b>	<b>13,411,500</b>	<b>-9,265,263</b>	<b>-30.92 %</b>

**EXHIBIT 9-E**

**Statement of Revenue Over Expense - No Decimals**

For Fiscal: 2015-2016 Period Ending: 01/31/2016

Level...	January Activity	January Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
<b>Expense</b>								
<b>Level1: 100 - Personnel Costs</b>								
1100 - Salaries & Wages	173,156	197,838	24,681	87.52 %	1,345,859	2,375,000	1,029,141	56.67 %
1110 - Manager's Auto Allowance	462	500	38	92.34 %	3,461	6,000	2,539	57.69 %
1120 - Manager's Deferred Comp	600	650	50	92.34 %	4,500	7,800	3,300	57.69 %
1130 - Unemployment Compensation	0	250	250	0.00 %	670	3,000	2,330	22.34 %
1140 - Insurance Opt-Out Supplemental	1,365	1,583	217	86.27 %	10,163	19,000	8,837	53.49 %
1150 - Temporary Personnel	2,261	5,914	3,653	38.23 %	33,708	71,000	37,293	47.48 %
1160 - PERS Retirement	17,019	33,811	16,792	50.34 %	305,069	405,900	100,831	75.16 %
1170 - Medical Insurance	24,802	25,865	1,063	95.89 %	179,771	310,500	130,729	57.90 %
1180 - Medical Insurance - Retirees	4,549	4,798	249	94.81 %	32,316	57,600	25,284	56.10 %
1190 - Workers Compensation	3,175	3,524	348	90.12 %	24,483	42,300	17,817	57.88 %
1200 - Life Insurance	465	458	-7	101.51 %	3,130	5,500	2,370	56.91 %
1210 - Long Term Disability Insurance	1,103	1,166	63	94.58 %	7,566	14,000	6,434	54.04 %
1220 - Short Term Disability Insurance	219	250	31	87.64 %	1,491	3,000	1,509	49.71 %
1260 - Employee Assistance Program	66	100	34	65.82 %	474	1,200	726	39.53 %
1270 - FICA Tax Expense	82	400	318	20.57 %	2,129	4,800	2,671	44.35 %
1280 - Medicare Tax Expense	2,194	2,907	713	75.46 %	17,401	34,900	17,499	49.86 %
1290 - Staff Development & Training	380	2,716	2,336	13.99 %	5,036	32,600	27,564	15.45 %
1300 - Conference Registration	0	267	267	0.00 %	2,095	3,200	1,105	65.47 %
1310 - Professional Dues	190	225	35	84.48 %	1,415	2,700	1,285	52.41 %
1320 - Personnel Recruitment	0	417	417	0.00 %	3,579	5,000	1,421	71.57 %
<b>Total Level1: 100 - Personnel Costs:</b>	<b>232,089</b>	<b>283,636</b>	<b>51,548</b>	<b>81.83 %</b>	<b>1,984,317</b>	<b>3,405,000</b>	<b>1,420,683</b>	<b>58.28 %</b>
<b>Level1: 200 - Supplies and Services</b>								
2000 - Board Member Compensation	0	3,082	3,082	0.00 %	11,110	37,000	25,890	30.03 %
2020 - Board Expenses	1,602	333	-1,269	480.85 %	1,632	4,000	2,368	40.81 %
2040 - Rent	2,143	1,966	-177	109.01 %	10,798	23,600	12,802	45.75 %
2060 - Utilities	2,170	3,199	1,028	67.85 %	19,825	38,400	18,575	51.63 %
2120 - Insurance Expense	4,205	3,749	-457	112.19 %	25,308	45,000	19,692	56.24 %
2130 - Membership Dues	975	2,291	1,316	42.56 %	19,532	27,500	7,968	71.03 %
2140 - Bank Charges	319	292	-27	109.43 %	2,990	3,500	510	85.44 %
2150 - Office Supplies	452	1,358	906	33.26 %	6,449	16,300	9,851	39.56 %
2160 - Courier Expense	560	666	106	84.03 %	4,413	8,000	3,587	55.16 %
2170 - Printing/Photocopy	0	750	750	0.00 %	182	9,000	8,818	2.02 %
2180 - Postage & Shipping	221	333	112	66.38 %	4,147	4,000	-147	103.67 %
2190 - IT Supplies/Services	5,986	8,780	2,794	68.18 %	49,564	105,400	55,836	47.02 %
2200 - Professional Fees	16,193	11,246	-4,947	143.99 %	151,458	135,000	-16,458	112.19 %
2220 - Equipment Repairs & Maintenance	966	583	-383	165.74 %	3,978	7,000	3,022	56.84 %
2235 - Equipment Lease	1,334	1,250	-84	106.76 %	7,917	15,000	7,083	52.78 %
2240 - Telephone	2,881	3,615	734	79.69 %	20,749	43,400	22,651	47.81 %
2260 - Facility Maintenance	4,748	2,899	-1,849	163.78 %	23,104	34,800	11,696	66.39 %
2270 - Travel Expenses	1,140	2,682	1,542	42.52 %	16,827	32,200	15,373	52.26 %

**EXHIBIT 9-E**

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**Statement of Revenue Over Expense - No Decimals**

For Fiscal: 2015-2016 Period Ending: 01/31/2016

Level...	January Activity	January Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
2280 - Transportation	3,121	1,883	-1,238	165.77 %	20,762	22,600	1,838	91.87 %
2300 - Legal Services	45,938	33,320	-12,618	137.87 %	284,490	400,000	115,510	71.12 %
2380 - Meeting Expenses	45	600	555	7.53 %	1,934	7,200	5,266	26.86 %
2420 - Legal Notices	0	358	358	0.00 %	580	4,300	3,720	13.48 %
2460 - Public Outreach	0	417	417	0.00 %	1,143	5,000	3,857	22.86 %
2480 - Miscellaneous	266	417	150	63.94 %	1,289	5,000	3,711	25.78 %
2500 - Tax Administration Fee	0	1,666	1,666	0.00 %	0	20,000	20,000	0.00 %
2900 - Operating Supplies	0	1,741	1,741	0.00 %	12,332	20,900	8,568	59.01 %
<b>Total Level1: 200 - Supplies and Services:</b>	<b>95,266</b>	<b>89,473</b>	<b>-5,793</b>	<b>106.47 %</b>	<b>702,515</b>	<b>1,074,100</b>	<b>371,585</b>	<b>65.41 %</b>
<b>Level1: 300 - Other Expenses</b>								
3000 - Project Expenses	616,463	658,095	41,632	93.67 %	2,225,872	7,900,300	5,674,428	28.17 %
4000 - Fixed Asset Purchases	1,246	12,037	10,791	10.35 %	30,886	144,500	113,614	21.37 %
5000 - Debt Service	0	19,159	19,159	0.00 %	70,070	230,000	159,930	30.47 %
5500 - Election Expenses	0	18,992	18,992	0.00 %	0	228,000	228,000	0.00 %
6000 - Contingencies	0	6,248	6,248	0.00 %	0	75,000	75,000	0.00 %
6500 - Reserves	0	29,538	29,538	0.00 %	0	354,600	354,600	0.00 %
<b>Total Level1: 300 - Other Expenses:</b>	<b>617,709</b>	<b>744,069</b>	<b>126,360</b>	<b>83.02 %</b>	<b>2,326,828</b>	<b>8,932,400</b>	<b>6,605,572</b>	<b>26.05 %</b>
<b>Total Expense:</b>	<b>945,063</b>	<b>1,117,178</b>	<b>172,115</b>	<b>84.59 %</b>	<b>5,013,661</b>	<b>13,411,500</b>	<b>8,397,839</b>	<b>37.38 %</b>
<b>Report Total:</b>	<b>-860,667</b>	<b>0</b>	<b>-860,667</b>		<b>-867,424</b>	<b>0</b>	<b>-867,424</b>	

**EXHIBIT 9-E**

**Statement of Revenue Over Expense - No Decimals**

For Fiscal: 2015-2016 Period Ending: 01/31/2016

**Fund Summary**

<b>Fund</b>	<b>January Activity</b>	<b>January Budget</b>	<b>Variance Favorable (Unfavorable)</b>	<b>Percent Used</b>	<b>YTD Activity</b>	<b>Total Budget</b>	<b>Variance Favorable (Unfavorable)</b>	<b>Percent Used</b>
24 - MITIGATION FUND	-140,065	0	-140,065		-700,750	0	-700,750	
26 - CONSERVATION FUND	-22,897	0	-22,897		24,887	0	24,887	
35 - WATER SUPPLY FUND	-697,705	0	-697,705		-191,560	0	-191,560	
<b>Report Total:</b>	<b>-860,667</b>	<b>0.08</b>	<b>-860,667</b>		<b>-867,424</b>	<b>0</b>	<b>-867,424</b>	





Monterey Peninsula Water Mgmt District

**Statement of Revenue Over Expense - No Decimals**  
**Group Summary**

For Fiscal: 2015-2016 Period Ending: 01/31/2016

Level...	January Activity	January Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
<b>Fund: 24 - MITIGATION FUND</b>								
<b>Revenue</b>								
R110 - Mitigation Revenue	0	200,920	-200,920	0.00 %	394,537	2,412,000	-2,017,464	-16.36 %
R130 - User Fees	2,686	6,248	-3,562	-42.99 %	23,234	75,000	-51,766	-30.98 %
R160 - Well Registration Fee	25	167	-142	-15.01 %	625	2,000	-1,375	-31.25 %
R180 - River Work Permit Application	0	0	0	0.00 %	75	0	75	0.00 %
R190 - WDS Permits Rule 21	3,200	4,665	-1,465	-68.60 %	38,621	56,000	-17,379	-68.97 %
R230 - Miscellaneous - Other	0	1,250	-1,250	0.00 %	443	15,000	-14,557	-2.95 %
R250 - Interest Income	151	541	-391	-27.81 %	1,040	6,500	-5,460	-16.00 %
R290 - CAW - Miscellaneous	0	583	-583	0.00 %	0	7,000	-7,000	0.00 %
R310 - Other Reimbursements	0	4,582	-4,582	0.00 %	0	55,000	-55,000	0.00 %
R320 - Grants	0	22,908	-22,908	0.00 %	148,788	275,000	-126,212	-54.10 %
R510 - Operating Reserve	0	10,579	-10,579	0.00 %	0	127,000	-127,000	0.00 %
<b>Total Revenue:</b>	<b>6,061</b>	<b>252,441</b>	<b>-246,379</b>	<b>-2.40 %</b>	<b>607,362</b>	<b>3,030,500</b>	<b>-2,423,138</b>	<b>-20.04 %</b>

**EXHIBIT 9-E**

**Statement of Revenue Over Expense - No Decimals**

For Fiscal: 2015-2016 Period Ending: 01/31/2016

Level...	January Activity	January Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
<b>Expense</b>								
<b>Level1: 100 - Personnel Costs</b>								
1100 - Salaries & Wages	71,430	83,308	11,878	85.74 %	565,901	1,000,100	434,199	56.58 %
1110 - Manager's Auto Allowance	92	100	8	92.34 %	692	1,200	508	57.69 %
1120 - Manager's Deferred Comp	120	133	13	90.04 %	900	1,600	700	56.25 %
1130 - Unemployment Compensation	0	108	108	0.00 %	288	1,300	1,012	22.16 %
1140 - Insurance Opt-Out Supplemental	358	421	63	85.07 %	2,659	5,050	2,391	52.64 %
1150 - Temporary Personnel	0	42	42	0.00 %	4,732	500	-4,232	946.35 %
1160 - PERS Retirement	7,093	14,461	7,368	49.05 %	130,667	173,600	42,933	75.27 %
1170 - Medical Insurance	10,320	11,262	942	91.63 %	76,534	135,200	58,666	56.61 %
1180 - Medical Insurance - Retirees	1,956	2,066	110	94.68 %	13,896	24,800	10,904	56.03 %
1190 - Workers Compensation	1,922	2,107	186	91.18 %	14,913	25,300	10,387	58.94 %
1200 - Life Insurance	194	196	1	99.29 %	1,331	2,350	1,019	56.65 %
1210 - Long Term Disability Insurance	469	516	48	90.75 %	3,236	6,200	2,964	52.20 %
1220 - Short Term Disability Insurance	93	108	15	85.95 %	638	1,300	662	49.11 %
1260 - Employee Assistance Program	27	42	15	64.22 %	197	500	303	39.38 %
1270 - FICA Tax Expense	82	192	109	42.92 %	1,736	2,300	564	75.49 %
1280 - Medicare Tax Expense	969	1,241	273	78.04 %	7,564	14,900	7,336	50.77 %
1290 - Staff Development & Training	163	841	678	19.42 %	1,398	10,100	8,702	13.84 %
1300 - Conference Registration	0	117	117	0.00 %	691	1,400	709	49.34 %
1310 - Professional Dues	82	83	2	98.08 %	440	1,000	560	44.02 %
1320 - Personnel Recruitment	0	175	175	0.00 %	1,129	2,100	971	53.75 %
<b>Total Level1: 100 - Personnel Costs:</b>	<b>95,370</b>	<b>117,520</b>	<b>22,150</b>	<b>81.15 %</b>	<b>829,542</b>	<b>1,410,800</b>	<b>581,258</b>	<b>58.80 %</b>
<b>Level1: 200 - Supplies and Services</b>								
2000 - Board Member Compensation	0	1,324	1,324	0.00 %	4,777	15,900	11,123	30.05 %
2020 - Board Expenses	689	142	-547	486.51 %	702	1,700	998	41.29 %
2040 - Rent	1,022	908	-114	112.59 %	5,064	10,900	5,836	46.46 %
2060 - Utilities	948	1,383	435	68.53 %	8,628	16,600	7,972	51.98 %
2120 - Insurance Expense	1,808	1,608	-201	112.48 %	10,883	19,300	8,417	56.39 %
2130 - Membership Dues	419	833	414	50.33 %	8,190	10,000	1,810	81.90 %
2140 - Bank Charges	139	125	-15	111.64 %	948	1,500	552	63.17 %
2150 - Office Supplies	190	583	393	32.57 %	2,781	7,000	4,219	39.73 %
2160 - Courier Expense	241	283	42	85.02 %	1,892	3,400	1,508	55.65 %
2170 - Printing/Photocopy	0	233	233	0.00 %	78	2,800	2,722	2.80 %
2180 - Postage & Shipping	28	142	113	19.89 %	1,736	1,700	-36	102.12 %
2190 - IT Supplies/Services	2,574	3,790	1,216	67.91 %	21,312	45,500	24,188	46.84 %
2200 - Professional Fees	6,963	4,831	-2,131	144.12 %	65,127	58,000	-7,127	112.29 %
2220 - Equipment Repairs & Maintenance	416	250	-166	166.29 %	1,711	3,000	1,289	57.02 %
2235 - Equipment Lease	574	533	-40	107.59 %	3,404	6,400	2,996	53.19 %
2240 - Telephone	1,366	1,558	191	87.72 %	8,992	18,700	9,708	48.09 %
2260 - Facility Maintenance	2,042	1,258	-784	162.31 %	9,935	15,100	5,165	65.79 %
2270 - Travel Expenses	288	900	612	32.01 %	3,221	10,800	7,579	29.82 %

**EXHIBIT 9-E**

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**Statement of Revenue Over Expense - No Decimals****For Fiscal: 2015-2016 Period Ending: 01/31/2016**

Level...	January Activity	January Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
2280 - Transportation	1,504	733	-771	205.11 %	12,436	8,800	-3,636	141.32 %
2300 - Legal Services	7,056	7,497	441	94.11 %	87,692	90,000	2,308	97.44 %
2380 - Meeting Expenses	19	225	205	8.64 %	837	2,700	1,863	30.99 %
2420 - Legal Notices	0	150	150	0.00 %	0	1,800	1,800	0.00 %
2460 - Public Outreach	0	175	175	0.00 %	468	2,100	1,632	22.29 %
2480 - Miscellaneous	115	183	69	62.48 %	554	2,200	1,646	25.20 %
2900 - Operating Supplies	0	283	283	0.00 %	481	3,400	2,919	14.16 %
<b>Total Level1: 200 - Supplies and Services:</b>	<b>28,400</b>	<b>29,930</b>	<b>1,530</b>	<b>94.89 %</b>	<b>261,849</b>	<b>359,300</b>	<b>97,451</b>	<b>72.88 %</b>
<b>Level1: 300 - Other Expenses</b>								
3000 - Project Expenses	21,734	59,043	37,309	36.81 %	201,788	708,800	507,012	28.47 %
4000 - Fixed Asset Purchases	623	5,581	4,958	11.16 %	14,934	67,000	52,066	22.29 %
5500 - Election Expenses	0	8,163	8,163	0.00 %	0	98,000	98,000	0.00 %
6000 - Contingencies	0	2,666	2,666	0.00 %	0	32,000	32,000	0.00 %
6500 - Reserves	0	29,538	29,538	0.00 %	0	354,600	354,600	0.00 %
<b>Total Level1: 300 - Other Expenses:</b>	<b>22,356</b>	<b>104,991</b>	<b>82,635</b>	<b>21.29 %</b>	<b>216,722</b>	<b>1,260,400</b>	<b>1,043,678</b>	<b>17.19 %</b>
<b>Total Expense:</b>	<b>146,126</b>	<b>252,441</b>	<b>106,314</b>	<b>57.89 %</b>	<b>1,308,112</b>	<b>3,030,500</b>	<b>1,722,388</b>	<b>43.16 %</b>
<b>Total Revenues</b>	<b>6,061</b>	<b>252,441</b>	<b>-246,379</b>	<b>-2.40 %</b>	<b>607,362</b>	<b>3,030,500</b>	<b>-2,423,138</b>	<b>-20.04 %</b>
<b>Total Fund: 24 - MITIGATION FUND:</b>	<b>-140,065</b>	<b>0</b>	<b>-140,065</b>		<b>-700,750</b>	<b>0</b>	<b>-700,750</b>	

**EXHIBIT 9-E**

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**Statement of Revenue Over Expense - No Decimals****For Fiscal: 2015-2016 Period Ending: 01/31/2016**

Level...	January Activity	January Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
<b>Fund: 26 - CONSERVATION FUND</b>								
<b>Revenue</b>								
R120 - Property Taxes Revenues	0	90,131	-90,131	0.00 %	649,378	1,082,000	-432,622	-60.02 %
R130 - User Fees	496	0	496	0.00 %	4,287	0	4,287	0.00 %
R150 - Permit Processing Fee	12,495	14,578	-2,083	-85.71 %	84,523	175,000	-90,477	-48.30 %
R200 - Recording Fees	815	666	149	-122.30 %	6,229	8,000	-1,771	-77.86 %
R210 - Legal Fees	171	1,250	-1,079	-13.69 %	1,425	15,000	-13,575	-9.50 %
R230 - Miscellaneous - Other	610	0	610	0.00 %	827	0	827	0.00 %
R250 - Interest Income	216	333	-117	-64.93 %	1,674	4,000	-2,326	-41.85 %
R270 - CAW - Rebates	38,821	58,310	-19,489	-66.58 %	352,342	700,000	-347,658	-50.33 %
R280 - CAW - Conservation	0	19,326	-19,326	0.00 %	0	232,000	-232,000	0.00 %
R305 - City of Seaside - Rebates	0	1,666	-1,666	0.00 %	0	20,000	-20,000	0.00 %
R310 - Other Reimbursements	0	833	-833	0.00 %	0	10,000	-10,000	0.00 %
R510 - Operating Reserve	0	2,666	-2,666	0.00 %	0	32,000	-32,000	0.00 %
<b>Total Revenue:</b>	<b>53,624</b>	<b>189,757</b>	<b>-136,133</b>	<b>-28.26 %</b>	<b>1,100,686</b>	<b>2,278,000</b>	<b>-1,177,314</b>	<b>-48.32 %</b>

**EXHIBIT 9-E**

**Statement of Revenue Over Expense - No Decimals**

For Fiscal: 2015-2016 Period Ending: 01/31/2016

Level...	January Activity	January Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
<b>Expense</b>								
<b>Level1: 100 - Personnel Costs</b>								
1100 - Salaries & Wages	41,654	44,749	3,095	93.08 %	338,747	537,200	198,453	63.06 %
1110 - Manager's Auto Allowance	92	100	8	92.34 %	692	1,200	508	57.69 %
1120 - Manager's Deferred Comp	120	133	13	90.04 %	900	1,600	700	56.25 %
1130 - Unemployment Compensation	0	58	58	0.00 %	161	700	539	22.97 %
1140 - Insurance Opt-Out Supplemental	358	421	63	85.07 %	2,659	5,050	2,391	52.64 %
1150 - Temporary Personnel	2,261	5,848	3,586	38.67 %	25,344	70,200	44,856	36.10 %
1160 - PERS Retirement	3,925	7,755	3,830	50.62 %	72,770	93,100	20,330	78.16 %
1170 - Medical Insurance	7,261	6,656	-606	109.10 %	51,520	79,900	28,380	64.48 %
1180 - Medical Insurance - Retirees	1,092	1,150	58	94.97 %	7,756	13,800	6,044	56.20 %
1190 - Workers Compensation	158	175	17	90.45 %	1,308	2,100	792	62.31 %
1200 - Life Insurance	132	133	2	98.81 %	841	1,600	759	52.57 %
1210 - Long Term Disability Insurance	276	262	-14	105.21 %	1,937	3,150	1,213	61.50 %
1220 - Short Term Disability Insurance	55	58	3	94.10 %	384	700	316	54.81 %
1260 - Employee Assistance Program	19	25	6	76.79 %	136	300	164	45.27 %
1270 - FICA Tax Expense	0	42	42	0.00 %	165	500	335	33.06 %
1280 - Medicare Tax Expense	575	650	75	88.44 %	4,890	7,800	2,910	62.69 %
1290 - Staff Development & Training	91	1,200	1,108	7.60 %	2,592	14,400	11,808	18.00 %
1300 - Conference Registration	0	50	50	0.00 %	891	600	-291	148.50 %
1310 - Professional Dues	0	50	50	0.00 %	718	600	-118	119.67 %
1320 - Personnel Recruitment	0	100	100	0.00 %	1,300	1,200	-100	108.33 %
<b>Total Level1: 100 - Personnel Costs:</b>	<b>58,069</b>	<b>69,614</b>	<b>11,544</b>	<b>83.42 %</b>	<b>515,711</b>	<b>835,700</b>	<b>319,989</b>	<b>61.71 %</b>
<b>Level1: 200 - Supplies and Services</b>								
2000 - Board Member Compensation	0	741	741	0.00 %	2,666	8,900	6,234	29.96 %
2020 - Board Expenses	385	83	-301	461.62 %	392	1,000	608	39.17 %
2040 - Rent	169	258	90	65.34 %	1,148	3,100	1,952	37.03 %
2060 - Utilities	510	758	248	67.26 %	4,683	9,100	4,417	51.46 %
2120 - Insurance Expense	1,009	900	-110	112.19 %	6,074	10,800	4,726	56.24 %
2130 - Membership Dues	234	808	574	28.96 %	4,957	9,700	4,743	51.10 %
2140 - Bank Charges	93	67	-27	139.84 %	538	800	262	67.26 %
2150 - Office Supplies	116	325	209	35.72 %	1,619	3,900	2,281	41.52 %
2160 - Courier Expense	134	167	32	80.67 %	1,238	2,000	762	61.91 %
2170 - Printing/Photocopy	0	342	342	0.00 %	44	4,100	4,056	1.07 %
2180 - Postage & Shipping	97	83	-14	116.63 %	1,054	1,000	-54	105.36 %
2190 - IT Supplies/Services	1,417	2,058	641	68.87 %	11,710	24,700	12,990	47.41 %
2200 - Professional Fees	3,886	2,699	-1,187	143.99 %	36,350	32,400	-3,950	112.19 %
2220 - Equipment Repairs & Maintenance	232	142	-90	163.79 %	955	1,700	745	56.17 %
2235 - Equipment Lease	332	300	-32	110.64 %	1,935	3,600	1,665	53.75 %
2240 - Telephone	530	800	270	66.27 %	4,812	9,600	4,788	50.12 %
2260 - Facility Maintenance	1,151	641	-509	179.41 %	5,556	7,700	2,144	72.16 %
2270 - Travel Expenses	685	1,033	348	66.32 %	9,788	12,400	2,612	78.94 %

**EXHIBIT 9-E****Statement of Revenue Over Expense - No Decimals**

For Fiscal: 2015-2016 Period Ending: 01/31/2016

Level...	January Activity	January Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
2280 - Transportation	120	417	296	28.82 %	4,940	5,000	60	98.79 %
2300 - Legal Services	3,667	4,998	1,331	73.37 %	29,768	60,000	30,232	49.61 %
2380 - Meeting Expenses	11	200	189	5.43 %	462	2,400	1,938	19.26 %
2420 - Legal Notices	0	92	92	0.00 %	0	1,100	1,100	0.00 %
2460 - Public Outreach	0	100	100	0.00 %	269	1,200	931	22.39 %
2480 - Miscellaneous	64	100	36	63.95 %	309	1,200	891	25.78 %
2500 - Tax Administration Fee	0	658	658	0.00 %	0	7,900	7,900	0.00 %
2900 - Operating Supplies	0	1,216	1,216	0.00 %	11,653	14,600	2,947	79.82 %
<b>Total Level1: 200 - Supplies and Services:</b>	<b>14,842</b>	<b>19,984</b>	<b>5,142</b>	<b>74.27 %</b>	<b>142,921</b>	<b>239,900</b>	<b>96,979</b>	<b>59.58 %</b>
<b>Level1: 300 - Other Expenses</b>								
3000 - Project Expenses	3,610	92,588	88,978	3.90 %	415,275	1,111,500	696,225	37.36 %
4000 - Fixed Asset Purchases	0	1,491	1,491	0.00 %	1,893	17,900	16,007	10.57 %
5500 - Election Expenses	0	4,582	4,582	0.00 %	0	55,000	55,000	0.00 %
6000 - Contingencies	0	1,499	1,499	0.00 %	0	18,000	18,000	0.00 %
<b>Total Level1: 300 - Other Expenses:</b>	<b>3,610</b>	<b>100,160</b>	<b>96,550</b>	<b>3.60 %</b>	<b>417,167</b>	<b>1,202,400</b>	<b>785,233</b>	<b>34.69 %</b>
<b>Total Expense:</b>	<b>76,522</b>	<b>189,757</b>	<b>113,236</b>	<b>40.33 %</b>	<b>1,075,799</b>	<b>2,278,000</b>	<b>1,202,201</b>	<b>47.23 %</b>
<b>Total Revenues</b>	<b>53,624</b>	<b>189,757</b>	<b>-136,133</b>	<b>-28.26 %</b>	<b>1,100,686</b>	<b>2,278,000</b>	<b>-1,177,314</b>	<b>-48.32 %</b>
<b>Total Fund: 26 - CONSERVATION FUND:</b>	<b>-22,897</b>	<b>0</b>	<b>-22,897</b>		<b>24,887</b>	<b>0</b>	<b>24,887</b>	

**EXHIBIT 9-E**

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**Statement of Revenue Over Expense - No Decimals**

For Fiscal: 2015-2016 Period Ending: 01/31/2016

Level...	January Activity	January Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
<b>Fund: 35 - WATER SUPPLY FUND</b>								
<b>Revenue</b>								
R100 - Water Supply Charge	0	283,220	-283,220	0.00 %	1,985,810	3,400,000	-1,414,190	-58.41 %
R120 - Property Taxes Revenues	0	40,650	-40,650	0.00 %	292,880	488,000	-195,120	-60.02 %
R140 - Connection Charges	22,258	14,578	7,680	-152.69 %	143,285	175,000	-31,715	-81.88 %
R220 - Copy Fee	5	0	5	0.00 %	64	0	64	0.00 %
R230 - Miscellaneous - Other	0	0	0	0.00 %	6,111	0	6,111	0.00 %
R240 - Insurance Refunds	0	0	0	0.00 %	1,352	0	1,352	0.00 %
R250 - Interest Income	2,448	375	2,073	-653.01 %	8,686	4,500	4,186	-193.02 %
R260 - CAW - ASR	0	23,566	-23,566	0.00 %	0	282,900	-282,900	0.00 %
R265 - CAW - Los Padres Reimbursement	0	49,980	-49,980	0.00 %	0	600,000	-600,000	0.00 %
R300 - Watermaster	0	5,848	-5,848	0.00 %	0	70,200	-70,200	0.00 %
R510 - Operating Reserve	0	256,764	-256,764	0.00 %	0	3,082,400	-3,082,400	0.00 %
<b>Total Revenue:</b>	<b>24,711</b>	<b>674,980</b>	<b>-650,269</b>	<b>-3.66 %</b>	<b>2,438,189</b>	<b>8,103,000</b>	<b>-5,664,811</b>	<b>-30.09 %</b>

**EXHIBIT 9-E**

**Statement of Revenue Over Expense - No Decimals**

For Fiscal: 2015-2016 Period Ending: 01/31/2016

Level...	January Activity	January Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
<b>Expense</b>								
<b>Level1: 100 - Personnel Costs</b>								
1100 - Salaries & Wages	60,073	69,780	9,708	86.09 %	441,212	837,700	396,488	52.67 %
1110 - Manager's Auto Allowance	277	300	23	92.34 %	2,077	3,600	1,523	57.69 %
1120 - Manager's Deferred Comp	360	383	23	93.95 %	2,700	4,600	1,900	58.70 %
1130 - Unemployment Compensation	0	83	83	0.00 %	221	1,000	779	22.11 %
1140 - Insurance Opt-Out Supplemental	650	741	92	87.62 %	4,846	8,900	4,054	54.45 %
1150 - Temporary Personnel	0	25	25	0.00 %	3,631	300	-3,331	1,210.44 %
1160 - PERS Retirement	6,001	11,595	5,595	51.75 %	101,631	139,200	37,569	73.01 %
1170 - Medical Insurance	7,221	7,947	726	90.86 %	51,718	95,400	43,682	54.21 %
1180 - Medical Insurance - Retirees	1,501	1,583	82	94.85 %	10,664	19,000	8,336	56.13 %
1190 - Workers Compensation	1,096	1,241	146	88.28 %	8,262	14,900	6,638	55.45 %
1200 - Life Insurance	139	129	-10	107.68 %	958	1,550	592	61.80 %
1210 - Long Term Disability Insurance	358	387	29	92.51 %	2,393	4,650	2,257	51.45 %
1220 - Short Term Disability Insurance	71	83	12	85.30 %	469	1,000	531	46.92 %
1260 - Employee Assistance Program	20	33	13	59.59 %	142	400	258	35.42 %
1270 - FICA Tax Expense	0	167	167	0.00 %	227	2,000	1,773	11.36 %
1280 - Medicare Tax Expense	650	1,016	366	64.01 %	4,947	12,200	7,253	40.55 %
1290 - Staff Development & Training	125	675	549	18.59 %	1,047	8,100	7,053	12.92 %
1300 - Conference Registration	0	100	100	0.00 %	513	1,200	687	42.77 %
1310 - Professional Dues	108	92	-17	118.19 %	257	1,100	843	23.35 %
1320 - Personnel Recruitment	0	142	142	0.00 %	1,150	1,700	550	67.65 %
<b>Total Level1: 100 - Personnel Costs:</b>	<b>78,650</b>	<b>96,503</b>	<b>17,853</b>	<b>81.50 %</b>	<b>639,065</b>	<b>1,158,500</b>	<b>519,435</b>	<b>55.16 %</b>
<b>Level1: 200 - Supplies and Services</b>								
2000 - Board Member Compensation	0	1,016	1,016	0.00 %	3,666	12,200	8,534	30.05 %
2020 - Board Expenses	529	108	-420	488.24 %	539	1,300	761	41.43 %
2040 - Rent	952	800	-152	119.05 %	4,586	9,600	5,014	47.77 %
2060 - Utilities	713	1,058	345	67.37 %	6,514	12,700	6,186	51.29 %
2120 - Insurance Expense	1,388	1,241	-147	111.81 %	8,352	14,900	6,548	56.05 %
2130 - Membership Dues	322	650	328	49.52 %	6,385	7,800	1,415	81.86 %
2140 - Bank Charges	86	100	14	86.38 %	1,505	1,200	-305	125.40 %
2150 - Office Supplies	146	450	304	32.38 %	2,049	5,400	3,351	37.94 %
2160 - Courier Expense	185	217	32	85.33 %	1,283	2,600	1,317	49.34 %
2170 - Printing/Photocopy	0	175	175	0.00 %	60	2,100	2,040	2.86 %
2180 - Postage & Shipping	96	108	12	88.52 %	1,357	1,300	-57	104.38 %
2190 - IT Supplies/Services	1,995	2,932	937	68.04 %	16,541	35,200	18,659	46.99 %
2200 - Professional Fees	5,344	3,715	-1,628	143.83 %	49,981	44,600	-5,381	112.07 %
2220 - Equipment Repairs & Maintenance	319	192	-127	166.46 %	1,313	2,300	987	57.08 %
2235 - Equipment Lease	429	417	-12	102.90 %	2,578	5,000	2,422	51.55 %
2240 - Telephone	984	1,258	273	78.27 %	6,945	15,100	8,155	46.00 %
2260 - Facility Maintenance	1,555	1,000	-556	155.61 %	7,613	12,000	4,387	63.44 %
2270 - Travel Expenses	167	750	582	22.33 %	3,818	9,000	5,182	42.43 %



**EXHIBIT 9-E****Statement of Revenue Over Expense - No Decimals**

For Fiscal: 2015-2016 Period Ending: 01/31/2016

Level...	January Activity	January Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
2280 - Transportation	1,497	733	-764	204.24 %	3,387	8,800	5,413	38.48 %
2300 - Legal Services	35,215	20,825	-14,390	169.10 %	167,030	250,000	82,970	66.81 %
2380 - Meeting Expenses	15	175	160	8.52 %	635	2,100	1,465	30.26 %
2420 - Legal Notices	0	117	117	0.00 %	580	1,400	820	41.41 %
2460 - Public Outreach	0	142	142	0.00 %	406	1,700	1,294	23.89 %
2480 - Miscellaneous	88	133	45	65.94 %	425	1,600	1,175	26.59 %
2500 - Tax Administration Fee	0	1,008	1,008	0.00 %	0	12,100	12,100	0.00 %
2900 - Operating Supplies	0	242	242	0.00 %	198	2,900	2,702	6.81 %
<b>Total Level1: 200 - Supplies and Services:</b>	<b>52,024</b>	<b>39,559</b>	<b>-12,465</b>	<b>131.51 %</b>	<b>297,746</b>	<b>474,900</b>	<b>177,154</b>	<b>62.70 %</b>
<b>Level1: 300 - Other Expenses</b>								
3000 - Project Expenses	591,119	506,464	-84,655	116.71 %	1,608,809	6,080,000	4,471,191	26.46 %
4000 - Fixed Asset Purchases	623	4,965	4,342	12.55 %	14,060	59,600	45,540	23.59 %
5000 - Debt Service	0	19,159	19,159	0.00 %	70,070	230,000	159,930	30.47 %
5500 - Election Expenses	0	6,248	6,248	0.00 %	0	75,000	75,000	0.00 %
6000 - Contingencies	0	2,083	2,083	0.00 %	0	25,000	25,000	0.00 %
<b>Total Level1: 300 - Other Expenses:</b>	<b>591,742</b>	<b>538,918</b>	<b>-52,824</b>	<b>109.80 %</b>	<b>1,692,939</b>	<b>6,469,600</b>	<b>4,776,661</b>	<b>26.17 %</b>
<b>Total Expense:</b>	<b>722,415</b>	<b>674,980</b>	<b>-47,435</b>	<b>107.03 %</b>	<b>2,629,750</b>	<b>8,103,000</b>	<b>5,473,250</b>	<b>32.45 %</b>
<b>Total Revenues</b>	<b>24,711</b>	<b>674,980</b>	<b>-650,269</b>	<b>-3.66 %</b>	<b>2,438,189</b>	<b>8,103,000</b>	<b>-5,664,811</b>	<b>-30.09 %</b>
<b>Total Fund: 35 - WATER SUPPLY FUND:</b>	<b>-697,705</b>	<b>0</b>	<b>-697,705</b>		<b>-191,560</b>	<b>0</b>	<b>-191,560</b>	
<b>Report Total:</b>	<b>-860,667</b>	<b>0</b>	<b>-860,667</b>		<b>-867,424</b>	<b>0</b>	<b>-867,424</b>	

**EXHIBIT 9-E****Statement of Revenue Over Expense - No Decimals**

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For Fiscal: 2015-2016 Period Ending: 01/31/2016

**Fund Summary**

<b>Fund</b>	<b>January Activity</b>	<b>January Budget</b>	<b>Variance Favorable (Unfavorable)</b>	<b>Percent Used</b>	<b>YTD Activity</b>	<b>Total Budget</b>	<b>Variance Favorable (Unfavorable)</b>	<b>Percent Used</b>
24 - MITIGATION FUND	-140,065	0	-140,065		-700,750	0	-700,750	
26 - CONSERVATION FUND	-22,897	0	-22,897		24,887	0	24,887	
35 - WATER SUPPLY FUND	-697,705	0	-697,705		-191,560	0	-191,560	
<b>Report Total:</b>	<b>-860,667</b>	<b>0.08</b>	<b>-860,667</b>		<b>-867,424</b>	<b>0</b>	<b>-867,424</b>	

**ITEM: PUBLIC HEARING****14. CONSIDER FIRST READING OF ORDINANCE NO. 170 - AMENDING RULES 11, 20, 21, 22, 24, 25.5, AND 142**

<b>Meeting Date:</b>	<b>March 21, 2016</b>	<b>Budgeted:</b>	<b>N/A</b>
<b>From:</b>	<b>David J. Stoldt, General Manager</b>	<b>Program/ Line Item No.:</b>	<b>N/A</b>
<b>Prepared By:</b>	<b>Stephanie Locke</b>	<b>Cost Estimate:</b>	<b>N/A</b>

**General Counsel Review: Yes.****Committee Recommendation: The Water Demand Committee has recommended this ordinance to the Board.****CEQA Compliance: The proposed rule amendments of this ordinance are exempt from CEQA.**

**SUMMARY:** Draft Ordinance No. 170 (**Exhibit 14-A**), incorporates changes made in 2015 to the California Code of Regulations (Title 20, Sections 1601-1608) and the Model Water Efficient Landscape Ordinance into the District's Rules and Regulations. There are also a minor edits to rules related to Water Permits, Water Distribution Systems, Water Credits, and conservation and efficiency requirements.

The elements of this ordinance have been reviewed by the Water Demand Committee (March 2, 2016) and the Technical Advisory Committee (March 17, 2016). The Water Demand Committee referred the ordinance to the Board.

**DISCUSSION:** Explanations of the proposed changes are provided in the introduction of each section of the Ordinance and are discussed below:

1. Rule 11, Definitions.

- a. "Dual Ultra-Low Flush Toilet" is deleted. The new standard is 1.28 gallons per flush and the existing definition of "Ultra-Low Flush Toilet" applies to a dual flush model.
- b. "High Efficiency Toilet" is amended to reflect the definition used by the California Urban Water Conservation Council and the Alliance for Water Efficiency.
- c. "Intensified Water Use" is amended to remove outdated language and to remove "procedural" information that is found in Rule 24.
- d. "Landscape Area" is amended to add the requirement for the Estimated Applied Water Use calculation.
- e. "Mandated" is deleted as the term does not need to be defined.

- f. “Production Limit” is added to the definitions. This term is used in the new 2016 Monterey Peninsula Water Conservation and Rationing Plan.
  - g. “Reclaimed Water” is amended to delete “effluent” as it is an unnecessary word.
  - h. “Required Conservation Measures” is deleted as requirements are listed in other Rules.
2. Rule 20-B, Permits to Connect to or Modify a Connection to a Water Distribution System.
  - a. This rule is amended to exempt replacement of a documented Large Bathtub with a Standard Bathtub or Shower Stall from the Water Permit requirements.
  - b. This rule is amended to add a Water Permit requirement for rehabilitated Landscape Areas over 2,500 square-feet that are associated with a Jurisdiction’s building or landscape permit, plan check, or design review. These areas must conform to the Model Water Efficiency Landscape Ordinance.
3. Rule 20-C, Exemptions for Water Distribution System Permit, is amended to exempt rainwater catchment facilities (e.g. Cisterns) that are used for irrigation.
4. Rule 21-B-3, Application for Permit to Connect to or Modify a Connection to a Water Distribution System, is amended to update the existing rule and add language from the Model Water Efficient Landscape Ordinance.
5. Rule 22-D-1-h, Action on Application for Permit to Create/Establish a Water Distribution System, is amended to clarify the process for instances (e.g. the Malpas Water Company Water Entitlement) where new Connections to the California American Water system may occur when the water use is not dependent on a California American Water water right.
6. Rule 24, Calculation of Water Capacity and Capacity Fees is amended to add language from the Model Water Efficient Landscape Ordinance regarding submitting a Landscape Documentation Package with the Water Permit application. This rule is also amended to omit reference to an administrative processing fee, as the fee is in Rule 60.
7. Rule 25.5, Water Use Credits and On-Site Water Credits is amended to remove obsolete language referring to “Low Water Use Plumbing Fixtures.” The Rule is also amended to delete a reference to an outdated conservation goal and to correct the title of Table 4: High Efficiency Appliance Credits.
8. Rule 142, Water Efficiency Standards, was amended to reflect recent amendments to the California plumbing and energy standards/codes when they are more restrictive than the District’s, and to reflect efficiency changes in the Model Water Efficient Landscape Ordinance.

**RECOMMENDATION:** The Board should review the draft ordinance and approve the first reading.

**EXHIBIT**

**14-A** Draft Ordinance No. 170



**EXHIBIT 14-A****ORDINANCE NO. 170****AN ORDINANCE OF THE BOARD OF DIRECTORS  
OF THE MONTEREY PENINSULA WATER MANAGEMENT DISTRICT  
AMENDING RULES 11, 20, 21, 22, 24, 25.5, AND 142****FINDINGS**

1. The Monterey Peninsula Water Management District was created to address ground and surface water resources in the Monterey Peninsula area, which the Legislature found required integrated management, and was endowed with the powers set forth in the Monterey Peninsula Water Management District Law (Chapter 527 of the Statutes of 1977, found at West's Water Code, Appendix, Section 118-1, et seq.).
2. The Monterey Peninsula Water Management District has adopted and regularly implements water conservation and efficiency measures which, inter alia, set standards for the installation of plumbing fixtures in New Construction, and requires retrofit or replacement of existing plumbing fixtures upon Change of Ownership, Change of Use, and Expansion of Use, and for existing Non-Residential uses. The Monterey Peninsula Water Management District has general and specific power to cause and implement water conservation activities as set forth in Sections 325 and 328 of the Monterey Peninsula Water Management District Law.
3. The Monterey Peninsula Water Management District has found and determined that it is in the best interests of the Monterey Peninsula Water Management District and its inhabitants to define, implement and enforce water efficient plumbing standards and requirements for the conservation of Potable water supplies. Retrofit or replacement of existing plumbing fixtures lessens consumption of the limited water resources available on the Monterey Peninsula. Installation of water efficient plumbing fixtures reduces the burden of new, expanded or modified uses on the water resources.
4. Executive Order B-29-15 (April 1, 2015) directed the Department of Water Resources to revise the Model Water Efficient Landscape Ordinance to increase water efficiency standards for new and retrofitted landscapes through more efficient irrigation systems, greywater usage, onsite storm water capture, and by limiting the portion of landscapes that can be covered in turf.
5. Executive Order B-29-15 (April 1, 2015) called for the California Energy Commission to

adopt emergency regulations establishing standards to improve the efficiency of water appliances, including toilets, urinals, and faucets available for sale and installation in new and existing buildings.

6. Rule 20-B, Permits to Connect to or Modify a Connection to a Water Distribution System is amended to exempt replacement of a documented Large Bathtub with a Standard Bathtub or Shower Stall from the Water Permit requirements. This rule was also amended to require a Water Permit for rehabilitated landscapes over 2,500 square-feet that are associated with a Jurisdiction's building or landscape permit, plan check, or design review. These Landscapes must conform to the Model Water Efficient Landscape Ordinance.
7. Rule 20-C, Exemptions for Water Distribution System Permit, is amended to exempt rainwater catchment facilities (e.g. Cisterns) that are used for irrigation.
8. Rule 21-B-3, Application for Permit to Connect to or Modify a Connection to a Water Distribution System, is amended to update the existing rule and add language from the Model Water Efficient Landscape Ordinance.
9. Rule 22-D-1-h, Action on Application for Permit to Create/Establish a Water Distribution System, was amended to clarify the process for instances (e.g. the Malpaso Water Company Water Entitlement) where new Connections to the California American Water system may occur when the water use is not dependent on a California American Water water right.
10. Rule 24-E, Calculation of Water Capacity and Capacity Fees, is amended to add language from the Model Water Efficient Landscape Ordinance regarding submitting a Landscape Documentation Package with the Water Permit application. This Rule is also amended to delete reference to an administrative processing fee, as this fee is found in Rule 60.
11. Rule 25.5, Water Use Credits and On-Site Water Credits is amended to remove language referring to the definition of "Low Water Use Plumbing Fixtures." The Rule is also amended to delete reference to an outdated conservation goal and to correct the title of Table 4: High Efficiency Appliance Credits.
12. Rule 142, Water Efficiency Standards, is amended to reflect amendments to the California plumbing and energy standards/codes when they are more restrictive than the District's, and to reflect efficiency changes in the Model Water Efficient Landscape Ordinance.



13. This Ordinance is exempt from review under the California Environmental Quality Act ("CEQA") (California Public Resources Code Section 21000 et seq.). Pursuant to State CEQA Guidelines section 15307 (14 Cal. Code Regs., § 15307), this Ordinance is covered by the CEQA Categorical Exemption for actions taken to assure the maintenance, restoration, enhancement, or protection of a natural resource where the regulatory process involves procedures for protection of the environment.

**NOW THEREFORE** be it ordained as follows:

## **ORDINANCE**

### **Section One:            Short Title**

This ordinance shall be known as the **2016 Rule Amendment Ordinance** of the Monterey Peninsula Water Management District.

### **Section Two:            Statement of Purpose**

The Monterey Peninsula Water Management District enacts this ordinance to address certain actions necessary to process and issue Water Permits and Water Distribution System Permits, and to add to the Rules and Regulations recent amendments to the California Code of Regulations (Title 20, Sections 1601-1608) and the State Model Water Efficient Landscape Ordinance.

### **Section Three:        Definitions**

The following terms shown in *bold italics* (new text) and ~~strikeout~~ (deleted text) shall be given the definitions set forth below and shall be permanently added to Rule 11, Definitions, of the Rules and Regulations of the District. Numbering is provided for reference only.

1. ~~DUAL FLUSH ULTRA LOW FLUSH TOILET~~ — “Dual Flush Ultra Low Flush Toilet” shall mean a toilet designed to allow the user to choose between a light flush (usually 0.8 gallon) and a longer 1.6-gallon flush.
2. HIGH EFFICIENCY TOILET (HET) – “High Efficiency Toilet” or “HET” shall mean a toilet that *has an effective flush volume of* ~~is designed to flush at~~ 20 percent below a 1.6-gallons-per-flush *U.S. maximum or less, equating to a maximum of 1.28 gallons per flush. (Note: The HET category includes dual-flush fixtures, which have been*

*determined to meet the volume requirement by defining the effective flush volume as the average volume achieved with one full flush and two reduced flushes.)* ~~Ultra-Low Flush Toilet. A High Efficiency Toilet shall have a maximum average flush of 1.3 gallons.~~

3. INTENSIFIED WATER USE – “Intensified Water Use” shall mean any change in water use occurring on a Parcel which, in a Residential use, is evidenced by an increase in the number of fixture units serving that Parcel; or, in any ~~Commercial, industrial, Public Authority, or Other Use~~ *Non-Residential use*, is evidenced by the incremental change in the Project’s Capacity for annual water use based upon one or more of the factors set forth in Rule 24 of the existing Rules and Regulations. The term “Intensification of Use” shall also refer to an Intensified Water Use. ~~Use of any quantity of water reserved by an unexpired Water Use Credit shall not cause an Intensified Water Use. The term “Capacity” refers to the maximum long term water use which theoretically may occur on that Site, based on average water use data for similar projects in the Monterey Peninsula region, as shown by the projected water use tables set forth in Rule 24.~~

~~A Change of Use from a commercial category in one group to another category in a higher water use group, or from any commercial category in Group III to another category in Group III, as shown on Table No. 2 of Rule 24, shall be deemed an Intensification of Use requiring an Expansion/Extension Permit, or an amended Permit pursuant to these Rules and Regulations. Where there is no increase in the size of a commercial structure, a Change of Use from one commercial category in Group I to another category within Group I, or a Change of Use from one commercial category in Group II to another in Group II, however, shall not cause an Intensification of water Use.~~

5. LANDSCAPE AREA -- “Landscape Area” means all the planting areas, turf areas, and water features in a Landscape plan subject to the Maximum Applied Water Allowance *and the Estimated Applied Water Use* calculations. The Landscape Area does not include footprints of buildings or structures, sidewalks, driveways, parking lots, decks, patios, gravel or stone walks, other pervious or non-pervious hardscapes, and other non-irrigated areas designated for non-development (e.g. open spaces and existing Native Vegetation).
6. ~~MANDATED~~ -- “Mandated” shall mean a requirement of the District (e.g. Ultra Low Flush Toilets are mandated for New Construction) adopted by ordinance.
7. *PRODUCTION LIMIT* -- “*Production Limit*” shall refer to the maximum production

*permitted for a Water Distribution System.*

8. RECLAIMED WATER – “Reclaimed Water” shall mean wastewater effluent that has been treated to the tertiary level, including disinfection. Reclaimed Water is a form of Recycled Water.

9. ~~REQUIRED CONSERVATION MEASURES~~

~~“Required Conservation Measures”~~

~~a. Flush sewers with Sub-potable or Reclaimed Water except in cases of emergency.~~

~~b. New Construction: Plumbing fixtures must be at least as efficient as the following water conservation requirements: toilets shall not use more than 1.6 gallons per flush maximum; Urinals shall use no more than 1.0 gallons per flush; Showerheads shall use no more than 2.5 gallons per minute without a separate restriction device and faucets shall have aerators that use no more than 2.2 gallons per minute maximum irrespective of the pressure in the water supply line; hot water systems must be Instant Access Hot Water Systems; Drip Irrigation must be installed for all shrub or tree areas rather than spray heads, unless plant material or site conditions preclude drip as the most appropriate choice. Handheld watering may also be used.~~

~~c. Projects that result in added water fixtures or expansion of more than 25 percent of the existing square footage, and all Non-Residential Changes of Use, shall meet the Required Conservation Measures for New Construction with the exception of retrofitting to Drip Irrigation and Instant Access Hot Water Systems.~~

**Section Four:           Amendment of Rule 20, Permits Required**

Rule 20-B shall be amended as shown in bold italics (*bold italics*) and strikethrough (~~strikethrough~~) to add a Water Permit exemption for replacement of a Large Bathtub with a Standard Bathtub or Shower Stall and to add the Model Water Efficient Landscape Ordinance requirement for large rehabilitated Landscape Areas.

**B.           PERMITS TO CONNECT TO OR MODIFY A CONNECTION TO A WATER DISTRIBUTION SYSTEM**

Before any Person connects to or modifies a water use Connection to a Water Distribution System regulated by the District or to any Mobile Water Distribution System regulated by the District or to any Mobile Water Distribution System, such Person shall obtain a written Permit from the District or the District’s

delegated agent, as described in District Rules 21, 23 and 24. The addition of any Connection and/or modification of an existing water Connection to any Water Distribution System permitted and regulated by the District shall require a Water Permit.

The following actions require a Water Permit:

1. Any change in use, size, location, or relocation of a Connection or Water Measuring Device which may allow an Intensification of Use or increased water consumption.
2. Each use of an On-Site credit or Water Use Credit.
3. Any modification to the number or type of Residential water fixtures shown in Rule 24, Table 1, Residential Fixture Unit Count Values, with ~~two~~ **three** exceptions: (1) replacement of a Standard Bathtub with a Shower Stall and vice versa; ~~and~~ (2) removal of a lawful water fixture, **and (3) replacement of a Large Bathtub previously documented by the District with a Standard Bathtub or a Shower Stall.**
4. Any Landscaping changes resulting in an Intensification of Use when a Landscape plan has been reviewed and approved as a component of a Water Permit.
5. ***Rehabilitation of existing Landscape Area over 2,500 square-feet that is associated with a Jurisdiction's building or landscape permit, plan check, or design review.***
56. Any Change of Use or any expansion of a Non-Residential use to a more intensive use as determined by Rule 24, with the exception of Temporary Structures and Temporary Exterior Restaurant Seats that are not occupied or in use for longer than thirty (30) consecutive days.
67. Installation of new water fixtures (Rule 24, Table 1) in a Residential use, other than replacement of existing water fixtures.
78. Use of water from a Mobile Water Distribution System.

**Section Five: Amendment of Rule 20-C-7, Exemptions for Water Distribution System Permit**

Rule 20-C-7, shall be amended as shown in bold italics (*bold italics*) and strikethrough (~~strikethrough~~) to exempt On-Site rainwater capture facilities from the Water Distribution System Permit requirement.

7. For On-Site rainwater capture facilities (e.g., Cisterns) that serve Single-Parcel Connection Systems for Residential or Commercial Use situations for On-Site Landscape irrigation use. *A Confirmation of Exemption is not required.*

**Section Six: Amendment of Rule 21-B-3, Application for Permit to Connect to or Modify a Connection to a Water Distribution System**

Rule 21-B-3, shall be amended as shown in bold italics (*bold italics*) and strikethrough (~~strikethrough~~) to incorporate requirements of the California Model Water Efficient Landscape Ordinance.

3. *New development projects that include Landscape Areas of 500 sq. ft. or more and existing rehabilitated Landscape Areas over 2,500 square-feet that are associated with a Jurisdiction's building or landscape permit, plan check, or design review shall comply with the Model Water Efficient Landscape Ordinance. The Applicant shall submit a complete Landscape Documentation Package which shall include: A Landscape Water Budget which includes the Maximum Applied Water Allowance (MAWA) calculations and three copies of the Landscaping plan for new exterior use when the Site exceeds 10,000 square feet in size, when the Project is a Non-Residential use, or when the Project involves Multi-Family Dwellings or mixed uses.*
  - a. *Project information including the date, project Applicant, total Landscape Area, water supply, water purveyor;*
  - b. *A Landscape Water Budget which includes the Maximum Applied Water Allowance (MAWA) and Estimated Applied Water Use (ETWU) calculations with three copies of the Landscape plan;*
  - c. *Soil analysis and recommendations (from a soil laboratory);*

- d. Landscape design/project notes; plant legend; plant count;*
- e. Landscape design hydrozone water use;*
- f. Irrigation design/irrigation project notes;*
- g. Grading design plan from an Engineer;*

**Section Seven: Amendment of Rule 22-D-1-h, Action on Application for Permit to Create/Establish a Water Distribution System**

Rule 22-D-1-h shall be amended as shown in bold italics (*bold italics*) and strikethrough (~~strikethrough~~) to address instances (e.g. the Malpaso Water Company Water Entitlement) where new Connections to the California American Water Company Water Distribution System may occur.

- h. Permit shall identify whether interties to other systems are allowed and shall identify restrictions or prohibitions on such interties, including devices to prevent cross-contamination of systems. MPWMD shall not approve any Water Permit for new Connections to the California American Water system, *based on California American Water's authorized water rights*, due to the inability of a permitted Water Distribution System to deliver adequate water quality or quantity to Parcels within its Service Area until there is full compliance by California American Water with State Water Resources Control Board Order No. WR 95-10 (as amended); California American Water compliance with the March 2006 Final Decision of the Seaside Groundwater Basin Adjudication (as amended); and water is available in the respective Jurisdiction's Allocation for release to the Parcels(s);

**Section Eight: Amendments to Rule 24, Calculation of Water Capacity and Capacity Fees**

- A. Rule 24-E-6-(g) shall be amended as shown in bold italics (*bold italics*) and strikethrough (~~strikethrough~~) to add the Landscape Documentation Package pursuant to the Model Water Efficient Landscape Ordinance.
  - g. A *Landscape Documentation Package* ~~detailed landscape plan and Landscape Water Budget, including the MAWA calculation,~~ shall be included with the Water Permit application.

B. Rule 24-E-7 shall be amended as shown in bold italics (*bold italics*) and strikethrough (~~strikethrough~~) to omit the administrative processing fee. Fees and Charges are found in Rule 60.

7. Refunds requested for Capacity Fees paid for a Conditional Water Permit shall be processed under the following time lines ~~and shall be subject to an administrative processing fee of one hundred dollars (\$100)~~:
  - a. Refunds of less than fifty thousand dollars (\$50,000) shall be processed within thirty (30) days;
  - b. Refunds between fifty thousand dollars (\$50,000) and one hundred thousand dollars (\$100,000) shall be processed within forty-five (45) days;
  - c. Refunds over one hundred thousand dollars (\$100,000) shall be processed within sixty (60) days.

**Section Nine: Amendments to Rule 25.5, Water Use Credits and On-Site Water Credits**

A. Rule 25.5-B shall be amended as shown in bold italics (*bold italics*) and strikethrough (~~strikethrough~~) to remove the reference to the defined term “Low Water Use Plumbing Fixtures” and to replace that with reference to Regulation XIV, Water Conservation, to remove reference to an outdated conservation goal, and to correct the title of Table 4.

B. ~~Water savings resulting from mandatory District programs, including water savings resulting from the installation of Low Water Use Plumbing Fixtures mandated by the District~~ *compliance with Regulation XIV, Water Conservation*, shall not result in a Water Use Credit, with the exception of Table 4 retrofits. Such savings shall be set aside as permanent water conservation savings ~~essential to the District’s 15 percent conservation goal approved by the Board in March 1984.~~

B. Rule 25.5-F-4.b shall be amended as shown in bold italics (*bold italics*) and strikethrough (~~strikethrough~~) to correct the table’s name.

- b. Residential Water Use Credits shall only be granted for installation of *the* ultra-low consumption appliances. *listed in* Table 4: ~~Ultra-Low~~

~~Consumption *High Efficiency* Appliance Credits shall list the ultra-low consumption appliances and the quantity of Water Use Credit available for the permanent installation of the appliance. This table shall *may* be amended by Resolution of the Board of Directors.~~

### **Section Ten: Amendment to Rule 142, Water Efficiency Standards**

Rule 142 shall be amended as shown below, with added language as shown in *bold italic* type face, and deleted language shown in ~~strikeout~~ type face. Amendments codify language adopted in Urgency Ordinance No. 167 pertaining to recent changes to the State Water Code and to the Model Water Efficient Landscape Ordinance. Water Permits issued prior to adoption of this ordinance list the water efficiency requirements in effect at the time the permit was issued.

#### RULE 142 - WATER EFFICIENCY STANDARDS

##### A. Water Efficiency Standards.

1. All New Construction of New Structures shall install and maintain plumbing fixtures and conservation standards as set forth in this Rule.
2. No plumbing fixture ~~or standard~~ shall be replaced with fixtures which allow greater water use.
3. *All new and replacement water fixtures shall comply with then-current California plumbing and energy standards/codes when more restrictive than the District's.*

##### B. Former Rules. Water Permits issued prior to January 1, ~~2010~~2013, shall be ~~were~~

subject to requirements of former Rule 142 summarized below:

1. ~~Former~~ Rule 142 *prior to January 1, 2010*, required all New Construction, Remodels and Additions to install maximum 2.5 gallons-per-minute Showerheads and 2.2 gallons-per-minute faucet aerators.
2. New Construction of New Structures *prior to January 1, 2010*, also required installation of Instant-Access Hot Water Systems and installation of Drip Irrigation where appropriate.



3. Water Permits issued between January 1, 2010 and December 31, 2012, ~~shall be~~ *were* subject to the rules in effect on the date of issuance as stated on the Water Permit and on any associated deed restriction(s).

C. Residential Water Efficiency Standards for New Structures.

All Residential New Structures receiving a Water Permit ~~on or after January 1, 2010,~~ shall meet or exceed the following standards:

1. High Efficiency or Ultra-High Efficiency Toilets shall be installed;
2. Urinals, when installed in a Residential use, shall be designed to flush with one (1) gallon of water. ***On and after January 1, 2016, newly installed Urinals shall flush with no more than 0.125 gallon per flush;***
3. Showerheads, Rain Bars, or Body Spray Nozzles shall be installed that were designed and manufactured to emit a maximum of 2.0 gallons per minute of water;
4. All shower fixtures should be equipped with scald protection valves rated for 2.0 gallons per minute Showerheads;
5. High Efficiency Clothes Washer(s) and High Efficiency Dishwasher(s) shall be required when installed in a Residential use;
6. Lavatory Sink faucets shall emit a maximum of ~~2.2~~ ***1.2*** gallons of water per minute at 60 psi;
7. Kitchen Sink, Utility Sink, and Bar Sink faucets shall emit a maximum of ~~2.2~~ ***1.8*** gallons of water per minute at 60 psi. ***Faucets may have the capability to temporarily increase flow to 2.2 gallons per minute for filling pots and pans, but must default back to a maximum flow rate of 1.8 gallons per minute measured at 60 psi.;***
8. Instant-Access Hot Water Systems shall be installed;
9. All hot water pipes shall be insulated;

10. Sodium chloride (salt) water softeners shall be discouraged in New Construction. Alternate technologies such as potassium chloride shall be recommended. When a sodium chloride water softener is to be installed within the MPWMD, the unit shall use demand-initiated regeneration which senses when the resin must be recharged, either electronically or with a meter that measures and calculates usage. This requirement shall be specified on the Construction Drawings.
11. Landscaping.
  - a. All New Construction shall install and maintain Landscaping that complies with the California Model Water Efficient Landscape Ordinance as revised (California Code of Regulations, Title 23, Water, Division 2, Department of Water Resources, Chapter 2.7, Model Water Efficient Landscape Ordinance) or with local or District Landscape requirements if more restrictive.
  - b. Plants shall be grouped in hydrozones.
12. Irrigation System Efficiency.
  - a. Weather-Based Irrigation System Controllers (e.g. Smart Controllers) shall be installed, used and maintained on Sites where there is an Irrigation System.
  - b. Weather-Based Irrigation System Controllers shall include functioning Soil Moisture Sensors and a Rain Sensor as components of the system.
  - c. Drip Irrigation shall be utilized for watering all non-turf irrigated plantings.
  - d. Rotating Sprinkler Nozzles shall be utilized for turf irrigation.
  - e. Overhead spray irrigation shall not be used to water non-turf Landscaping, including trees and shrubs.

- f. Irrigation Systems shall operate with at least ~~70~~ 75 percent efficiency *for overhead spray devices and at least 81 percent efficiency for drip systems.*
- g. Rainwater collection/irrigation systems are encouraged to supplement irrigation for new Landscaping. New Structures shall be encouraged to include one or more rainwater Cisterns and a system to provide at least 75 percent of exterior irrigation during normal rainfall years. Systems must be compliant with local catchment system standards.
- h. Graywater collection/irrigation systems are encouraged to supplement irrigation for new Landscaping. Systems must be compliant with local catchment system standards, including Monterey County Department of Environmental Health.
- i. All Sites utilizing a Graywater reuse system shall install and maintain a backflow prevention device as required by any Water Distribution System Operator that supplies water to the Site.

D. Non-Residential Water Efficiency Standards for New Structures.

All Non-Residential New Structures receiving a Water Permit ~~on or after~~ ~~January 1, 2010~~, shall meet or exceed the following standards:

- 1. High Efficiency or Ultra High Efficiency Toilets shall be installed;
- 2. Urinals shall be Pint Urinals or Zero Water Consumption Urinals and shall be clearly specified on the final Construction Drawings. Zero Water Consumption Urinals shall be encouraged in settings where there is a regular maintenance staff;
- 3. Showerheads, Rain Bars, or Body Spray Nozzles shall be installed that were designed to emit a maximum of 2.0 gallons per minute of water;
- 4. All shower fixtures should be equipped with scald protection valves rated for 2.0 gallons per minute Showerheads;

5. High Efficiency Clothes Washer(s) and High Efficiency Dishwasher(s) shall be required when installed in a Residential use;
6. Public Washbasins shall emit a maximum of 0.5 gallon of water per minute at 60 psi. Private Washbasins (e.g., hotel or motel guest rooms and hospital patient rooms) shall emit a maximum of ~~1.5~~ **1.2** gallons of water per minute at 60 psi. All other sinks shall emit a maximum of 2.2 gallons of water per minute at 60 psi unless higher flow is required by Health and Safety Code;
7. Public Washbasins equipped with automatic shut off devices or sensor faucets shall operate with a maximum flow of 0.25 gallons per cycle;
8. High Efficiency Clothes Washers shall be installed when a Clothes Washer is installed in a New Structure permitted under this Regulation;
9. High Efficiency Dishwashers or High Efficiency Commercial Dishwashers shall be installed and maintained on the Site when a Dishwasher is installed in a New Structure permitted by a Water Permit;
10. Instant-Access Hot Water System(s) shall be installed for hot water access points to ensure that hot water is available within ten (10) seconds;
11. All hot water pipes shall be insulated;
12. Sodium chloride (salt) water softeners shall be discouraged in New Construction. Alternate technologies, such as potassium chloride shall be recommended. When a sodium chloride water softener is to be installed within the MPWMD, the unit shall use demand-initiated regeneration which senses when the resin must be recharged, either electronically or with a meter that measures and calculates usage. This requirement shall be specified on the Construction Drawings;

13. Water Efficient Pre-Rinse Spray Valves shall be utilized when a pre-rinse spray valve is installed;
14. There shall be no single-pass water use systems in ice machines, hydraulic equipment, refrigeration condensers, X-ray processing equipment, air compressors, vacuum pumps, etc. Air-cooled or better technology shall be installed when available;
15. Water cooled refrigeration equipment shall be prohibited when there is alternative cooling technology available at the time the Water Permit is issued;
16. Cooling Towers shall be equipped with conductivity controllers that are used to increase the number of cycles that can be achieved;
17. Boilerless steamers or connectionless steamers shall be installed in place of boiler-based steamers when a steamer is installed in New Construction;
18. Landscaping.
  - a. All New Construction shall install and maintain Landscaping that complies with the California Model Water Efficient Landscape Ordinance as revised (California Code of Regulations, Title 23, Water, Division 2, Department of Water Resources, Chapter 2.7, Model Water Efficient Landscape Ordinance) or with local or District Landscape requirements if more restrictive.
  - b. Plants shall be grouped in hydrozones.
19. Irrigation System Efficiency.
  - a. Weather-Based Irrigation System Controllers shall be installed, used and maintained on Sites where there is an Irrigation System.

- b. Weather-Based Irrigation System Controllers shall include functioning Soil Moisture Sensors and a Rain Sensor as components of the system.
- c. Drip Irrigation shall be utilized for watering all non-turf irrigated plantings.
- d. Rotating Sprinkler Nozzles shall be utilized for turf irrigation.
- e. Overhead spray irrigation shall not be used to water non-turf Landscaping, including trees and shrubs.
- f. Irrigation Systems shall operate with at least ~~70~~ 75 percent efficiency *for overhead spray devices and at least 81 percent for drip systems.*
- g. Rainwater collection/irrigation systems are encouraged to supplement irrigation for new Landscaping. New Structures shall be encouraged to include one or more rainwater Cisterns and a system to provide at least 75 percent of exterior irrigation during normal rainfall years. Systems must be compliant with local catchment system standards.
- h. Graywater collection/irrigation systems are encouraged to supplement irrigation for new Landscaping. Systems must be compliant with local catchment system standards, including Monterey County Department of Environmental Health.
- i. All Sites utilizing a Graywater reuse system shall install and maintain a backflow prevention device as required by any Water Distribution System Operator that supplies water to the Site.

- 20. The implementation of water conservation Best Management Practices shall be integrated into construction and operation of the project to the extent possible.

21. The use of Alternative Water Sources for indoor toilet flushing and other uses allowed by the Jurisdiction shall be encouraged.

E. Residential and Non-Residential Change of Ownership, Change of Use, and Expansion of Use Water Efficiency Standards

Sites that have a Change of Ownership, *or receive a Water Permit for a Change of Use or Expansion of Use on or after January 1, 2010*, shall meet or exceed the following standards:

1. High Efficiency or Ultra High Efficiency Toilets shall be installed;
2. Urinals shall be High Efficiency Urinals (*if installed prior to January 1, 2016*), Pint Urinals, or Zero Water Consumption Urinals. Zero Water Consumption Urinals shall be encouraged in settings where there is a regular maintenance staff;
3. Showerhead flow rates shall meet or exceed New Construction standards;
4. Bathroom faucet flow rates shall meet or exceed New Construction standards;
5. Kitchen faucet flow rates shall meet or exceed New Construction standards;
6. Remodels or relocations of water fixtures or appliances that involve hot water shall be encouraged to install an Instant-Access Hot Water System and insulate all new hot water pipes;
7. Pre-rinse spray valves shall meet or exceed the District's definition for Water Efficient Pre-Rinse Spray Valves;
8. Changes of Use and Expansions of Use that require a Water Permit shall not install any single-pass water use systems in ice machines, hydraulic equipment, refrigeration condensers, X-ray processing equipment, air compressors, vacuum pumps, etc. Air-cooled or better technology shall be installed when available;

9. Changes of Use and Expansions of Use that require a Water Permit shall not install any water cooled refrigeration equipment when there is alternative water efficient cooling technology available at the time the Water Permit is issued;
10. Automatic Irrigation Systems, with the exception of Weather-Based Irrigation Systems, shall be retrofit to include a Rain Sensor;
11. The implementation of Non-Residential Best Management Practices shall be integrated into construction and operation of Non-Residential uses to the extent possible.

**Section Eleven:**      **Publication and Application**

The provisions of this ordinance shall cause the amendment and republication of Rules 11, 20, 21, 22, 24, 25.5, and 142 of the permanent Rules and Regulations of the Monterey Peninsula Water Management District.

**Section Twelve:**      **Effective Date and Sunset**

This ordinance shall take effect at 12:01 a.m. thirty (30) days after adoption.

This Ordinance shall not have a sunset date.

**Section Thirteen:**      **Severability**

If any subdivision, sentence, clause, or phrase of this ordinance is, for any reason, held to be invalid or unenforceable by a court of competent jurisdiction, such invalidity or unenforceability shall not affect the validity or enforcement of the remaining portions of this ordinance, or of any other provisions of the Monterey Peninsula Water Management District Rules and Regulations. It is the District's express intent that each remaining portion would have been adopted irrespective of the fact that one or more subdivisions, paragraphs, sentences, clauses, or phrases be declared invalid or unenforceable.

On motion of Director \_\_\_\_\_, and second by Director \_\_\_\_\_, the foregoing ordinance is adopted upon this \_\_\_\_ day of \_\_\_\_\_, 2016, by the following vote:



AYES:

NAYS:

ABSENT:

I, David J. Stoldt, Secretary to the Board of Directors of the Monterey Peninsula Water Management District, hereby certify the foregoing is a full, true, and correct copy of an ordinance duly adopted on the \_\_\_\_ day of \_\_\_\_\_, 2016.

Witness my hand and seal of the Board of Directors this \_\_\_\_\_ day of \_\_\_\_\_, 2016.

\_\_\_\_\_  
David J. Stoldt, Secretary to the Board

DRAFT



**ITEM: PUBLIC HEARING****15. CONSIDER ADOPTION OF APRIL THROUGH JUNE 2016 QUARTERLY WATER SUPPLY STRATEGY AND BUDGET**

<b>Meeting Date:</b>	<b>March 21, 2016</b>	<b>Budgeted:</b>	<b>N/A</b>
<b>From:</b>	<b>David J. Stoldt, General Manager</b>	<b>Program/ Line Item No.:</b>	<b>N/A</b>
<b>Prepared By:</b>	<b>Kevan Urquhart &amp; Jonathan Lear</b>	<b>Cost Estimate:</b>	<b>N/A</b>

**General Counsel Review: N/A****Committee Recommendation: N/A****CEQA Compliance: Notice of Exemption, CEQA, Article 19, Section 15301 (Class 1)****ESA Compliance: Consistent with the 2001 Conservation Agreement, 2009 Settlement Agreement between the National Marine Fisheries Service and California American Water to minimize take of listed steelhead in the Carmel River, and SWRCB WR Order Nos. 95-10, 98-04, 2002-0002, and 2009-0060.**

**SUMMARY:** The Board will accept public comment and take action on the April through June 2016 Quarterly Water Supply Strategy and Budget for California American Water's (Cal-Am) Main and Laguna Seca Subarea Water Distribution Systems (WDS). The proposed budgets, which are included as **Exhibit 15-A** and **15-B**, show monthly production by source of supply that is required to meet projected customer demand in CalAm's Main and Laguna Seca Subarea systems, i.e., Ryan Ranch, Bishop, and Hidden Hills, during the April through June 2016 period. The proposed strategy and budgets are designed to maximize the long-term production potential and protect the environmental quality of the Seaside Groundwater and Carmel River Basins.

**Exhibit 15-A** shows the anticipated production by Cal-Am's Main system for each production source and the actual production values for the Water Year (WY) 2016 to date through the end of February 2016. The anticipated production values assume that Cal-Am's annual main system production for customer service will not exceed 11,954 acre-feet (AF), including 2,251 AF from Cal-Am's wells in the Coastal Subareas of the Seaside Groundwater Basin, 300 AF from Sand City Desalination Plant, 0 AF to be recovered from what has been stored so far by Phase 1 & 2 Aquifer Storage and Recovery (ASR), and 9,403 AF from the Carmel River Basin. The total from the Carmel River Basin is consistent with State Water Resources Control Board (SWRCB) Order No. 95-10 and 2009-0060. The total from the Seaside Groundwater Basin is consistent with the Seaside Basin Adjudication Decision.

**Exhibit 15-B** shows the anticipated production by Cal-Am's Laguna Seca Subarea systems for each production source and the actual production values for WY 2016 to date through the end of February 2016. Please note that the budgeted production values assume that Cal-Am's annual production for WY 2016 will not exceed 48 AF from the Laguna Seca Subarea of the Seaside Groundwater Basin, whereas actual demand will exceed that amount. This total is consistent

with the Seaside Basin adjudication decision.

If stream flow in the Carmel River exceeds the instream flow requirements specified by National Marine Fisheries Service (NMFS), a portion of the “excess” water may be diverted by Cal-Am for injection into the Seaside Groundwater Basin as part of Phase 1 and 2 ASR. The amount of water diverted from the Carmel River that is treated and delivered for injection will also depend on competing customer demand and the condition of Cal-Am’s wells in the Carmel Valley at that time.

**RECOMMENDATION:** The Board should receive public input, close the Public Hearing, and discuss the proposed quarterly water supply budget. District staff recommends adoption of the proposed budget. The budgets are described in greater detail in **Exhibit 15-C, Quarterly Water Supply Strategy Report: April – June 2016.**

**BACKGROUND:** The Quarterly Water Supply Strategy and Budget pertains to production within Cal-Am’s Main and Laguna Seca Subarea systems for the three-month period of April, May, and June 2016. Staff from the District, Cal-Am, and the National Marine Fisheries Service (NMFS) cooperatively reviewed and approved this strategy on March 10, 2016. Staff from the California Department of Fish and Wildlife (CDFW), United States Fish and Wildlife Service (USFWS), and State Water Resources Control Board’s Division of Water Rights (SWRCB-DWR) were unable to attend.

To meet customer demand in its main system, Cal-Am intends to try to avoid producing any groundwater from its wells in the Upper Carmel Valley during April through June 2016, and will focus instead on producing approximately 894, 1,091, and 1,109 AF of groundwater from its wells in the Lower Carmel Valley during April, May, and June 2016, respectively. It is assumed that 350 AF of this total quarterly production would be diverted from the Carmel River and injected for storage into the Seaside Groundwater Basin during April and May 2016. Cal-am is also budgeted to produce 41 and 16 AF in April and May, respectively, for Table 13 water right holders identified in Water Rights Permit 21330.

It was also agreed that, subject to rainfall and runoff conditions in the Carmel River Basin, Cal-Am would budget to produce 100, 125, and 150 AF of water each month in April, May and June 2016, respectively, from the Coastal Subareas of the Seaside Basin, in addition to 25 AF per month from the Sand City Desalination Plant during this period. It was also agreed that Cal-Am would budget to produce 3, 5, and 5 AF of groundwater from its wells in the Laguna Seca Subarea for its customers in the Ryan Ranch, Bishop, and Hidden Hills systems during this period. No water production is planned from Phase 1 and 2 ASR during this period, but will be conserved for potential allocation within the last quarter of WY 2016 at the fourth and final Quarterly Water Budget meeting of WY 2016 scheduled for June 9, 2016. Cal-Am will operate its wells in the Lower Carmel Valley in a downstream-to-upstream order. If actual inflows are more or less than projected for the budget period, the group may reconvene and adjust the diversion and release rates accordingly.

Rule 101, Section B of the District Rules and Regulations requires that a Public Hearing be held at the time of determination of the District water supply management strategy. Adoption of the

quarterly water supply strategy and budget is categorically exempt from the California Environmental Quality Act (CEQA) requirements as per Article 19, Section 15301 (Class 1). A Notice of Exemption will be filed with the Monterey County Clerk's office, pending Board action on this item.

**EXHIBITS**

**15-A** Quarterly Water Supply Strategy and Budget for CAW Main System: April - June 2016

**15-B** Quarterly Water Supply Strategy and Budget for CAW Laguna Seca Subarea: April - June 2016

**15-C** Quarterly Water Supply Strategy and Budget Report: April - June 2016



**EXHIBIT 15-A**

**California American Water Main Distribution System  
Quarterly Water Supply Strategy and Budget: April - June 2016**

**Proposed Production Targets by Source and Projected Use in Acre-Feet**

SOURCE/USE	MONTH			YEAR-TO-DATE		
	Apr-16	May-16	Jun-16	Oct-15 to Feb-16	% of YTD	% of Annual Budget
<b>Source</b>						
Carmel Valley Aquifer						
Upper Subunits	0	0	0	139		
Lower Subunits	894	1,091	1,109	2,588	84%	28%
ASR Diversion	250	100	0	270		
Table 13 Diversion (Service)	41	16	0			
<b>Total</b>	<b>1,185</b>	<b>1,207</b>	<b>1,109</b>	<b>2,996</b>		
Seaside Groundwater Basin						
Coastal Subareas	100	125	150	614	61%	27%
Phase 1 ASR Recovery	0	0	0	0		
Sand City Desalination	25	25	25	18	15%	6%
<b>Total</b>	<b>125</b>	<b>150</b>	<b>175</b>	<b>632</b>		
<b>Use</b>						
Customer Service	1,019	1,241	1,284	3,359	80%	28%
Table 13 In Basin use	41	16	0			
<b>Total Customer Use</b>	<b>1,060</b>	<b>1,257</b>	<b>1,284</b>			
Phase 1 ASR Injection	250	100	0	270		
<b>Total</b>	<b>1,310</b>	<b>1,357</b>	<b>1,284</b>			

**Notes:**

- The annual budget period corresponds to the Water Year, which begins on October 1 and ends on September 30 of the following Calendar Year.
- Total monthly production for "Customer Service" in CAW's main system was calculated by multiplying total annual production (11,954 AF) times the average percentage of annual production for April, May, and June (7.6%, 9.3%, and 9.6%, respectively). According to District Rule 162, the annual production total was based on the assumption that production from the Coastal Subareas of the Seaside Groundwater Basin would not exceed 2,251 AF and production from Carmel River sources, without adjustments for water produced from water resources projects, would not exceed 9,703 AF in WY 2016. The average production percentages were based on monthly data for customer service from WY 2006 to 2013.
- Maximum daily production values for "Phase 1 and 2 ASR Storage" are based on an average diversion rate of approximately 3,000 gallons per minute (gpm) or 13.3 AF per day and 1,500 gpm or 6.6 AF per day, respectively, from CAW's sources in the Carmel River Basin. Maximum daily production for Phase 1 and 2 ASR sites is 19.9 AF per day. Total monthly production is estimated by multiplying the maximum daily production by operational days per month for "Normal" flow conditions at San Clemente Dam.
- The production targets for CAW's wells in the Seaside Coastal Subareas are based on the assumption that sufficient flow will occur in the Carmel River at the targeted levels, to support ASR injection. It is planned that Coastal Subarea pumping will not occur, or will be proportionally reduced, if ASR injection does not occur at targeted levels.
- The production targets for CAW's wells in the Seaside Coastal Subareas are based on the need for CAW to produce its full Standard Allocation to be in compliance with SWRCB WRO No. 95-10.
- It should be noted that monthly totals for Carmel Valley Aquifer sources may be different than those shown in MPWMD Rule 162, Table XV-3. These differences result from monthly target adjustments needed to be consistent with SWRCB WRO 98-04, which describes how Cal-Am Seaside Wellfield is to be used to offset production in Carmel Valley during low-flow periods. Adjustments are also made to the Quarterly Budgets to ensure that compliance is achieved on an annual basis with MPWMD Rule 162 totals.
- Table 13 values reflect source/use estimates based on SWRCB Permit 21330, which allows diversions from the CVA for "In Basin use" (3.25 AFD) when flows in the River exceed threshold values. In accordance with Water Rights Permits 21330 and CDO2009-0060, water produced and consumed under this right is subtracted from the CVA annual base amount. Actual values will be dependant on the number of days flows exceed minimum daily instream flow requirements.





**California American Water Laguna Seca Subarea Distribution Systems**  
**Quarterly Water Supply Strategy and Budget: April - June 2016**  
**Proposed Production Targets by Source and Projected Use in Acre-Feet**

SOURCE/USE	MONTH			YEAR-TO-DATE		
	Apr-16	May-16	Jun-16	Oct-15 to Feb-16	% of YTD	% of Annual
<b>Source</b>						
Seaside Groundwater Basin						
Laguna Seca Subarea	3	5	5	109	679.3%	226.4%
Other	0	0	0	0	0.0%	0.0%
<b>Use</b>						
Customer Service	3	5	5			
<b>Total</b>	<b>3</b>	<b>5</b>	<b>5</b>	<b>109</b>	<b>679.3%</b>	<b>226.4%</b>

## Notes:

1. The annual budget period corresponds to the Water Year, which begins on October 1 and ends on September 30 of the following Calendar Year.
2. Total monthly production for "Customer Service" in CAW's Laguna Seca Subarea systems was calculated by multiplying total annual production (48 AF) times the average percentage of annual production for April, May, and June (7.1%, 9.7%, and 10.6%, respectively). The average production percentages were based on monthly data for customer service from WY 2006 to 2013. The 48 AF annual production limit is specified in the Seaside Basin Adjudication Decision and is subject to change.
3. It should be noted that, based on recent historical use, actual monthly use will likely exceed the proposed monthly production target. In this context, the production targets represent the maximum monthly production that should occur so that CAW remains within its Standard Production Allocation for the Laguna Seca Subarea specified in the Seaside Decision. Accordingly, actual production beyond these production targets will be subject to replenishment assessment by the Seaside Basin Watermaster.
4. "Other" production sources refer to supplies transferred to Laguna Seca Subarea customers from CAW's Carmel River sources or water rights acquired from other producers in the Seaside Basin to produce additional water. For example, under emergency conditions, water can be transferred from sources that serve customers in CAW's main system, via an existing interconnection, to customers in CAW's Ryan Ranch system.
5. The production targets for CAW's wells in the Seaside Coastal Subareas are based on the need for CAW to produce its full Standard Allocation to be in compliance with SWRCB WRO No. 95-10.
6. Year to date production numbers are estimated pending finalization of CAW production data.
7. As approved by MPWMD Board on 8/17/2015, an allocation of 3.41 AF production (3.17 AF metered sales) is transferred to CHOMP within the Ryan Ranch Unit of CalAm (in the Laguna Seca Sub-Area) from Cypress Pacific Standard



## EXHIBIT 15-C

### **Quarterly Water Supply Strategy and Budget Report California American Water Main Water Distribution System: April- June 2016**

#### 1. Management Objectives

The Monterey Peninsula Water Management District (District) desires to maximize the long-term production potential and protect the environmental quality of the Carmel River and Seaside Groundwater Basins. In addition, the District desires to maximize the amount of water that can be diverted from the Carmel River Basin and injected into the Seaside Groundwater Basin while complying with the instream flow requirements recommended by the National Marine Fisheries Service (NMFS) to protect the Carmel River steelhead population. To accomplish these goals, a water supply strategy and budget for production within California American Water's (Cal-Am) Main and Laguna Seca Subarea water distribution systems is reviewed quarterly to determine the optimal strategy for operations, given the current hydrologic and system conditions, and legal constraints on the sources and amounts of water to be produced.

#### 2. Quarterly Water Supply Strategy: April - June 2016

On March 10, 2016, staff from the District, Cal-Am, and NMFS met and discussed the proposed water supply strategy and related topics for the April - June 2016 period. Staff from the California Department of Fish and Wildlife (CDFW), United States Fish and Wildlife Service (USFWS), and State Water Resources Control Board's Division of Water Rights (SWRCB-DWR) were unable to attend. Currently, flow in the Carmel River is unregulated and Los Padres Reservoir (LPR) is spilling. LPR was at ~101% of maximum effective storage capacity, i.e., 1,775 AF on February 29, 2016. The LPD spillway notch is still closed to conserve storage, since this year began as a dry water year in an ongoing drought. The flashboard was last placed into the notch during March of Water Year 2014. Given that the new LPD smolt passage facility was built in 2015 and is now operating, it is unlikely the flashboard will ever be removed from the dam spillway notch in the future. Flow in the Carmel River became and remains continuous to the lagoon since January 7, 2016, as a result of multiple storms. The lagoon mouth opened on January 11, 2016, and has remained open the majority of the time since then. Rainfall during Water Year (WY) 2016 through February at San Clemente Dam in the upper watershed has totaled 16.00 inches or 104% of the long-term average to date of 15.41 inches at this site, and 76% of the long-term annual average of 21.10 inches. Further, unimpaired runoff at San Clemente Dam for WY 2016 through February has totaled approximately 30,560 AF or about 97% of the long-term average to date for this site of 32,030 AF, and 45% of the long-term annual average of 67,442 AF, making this a "Normal" Water Year Type, to date.

**Carmel River Basin** To meet customer demand, Cal-Am would operate its wells in the Lower Carmel Valley in a downstream-to-upstream sequence, as needed. For the quarterly budget, it was agreed that Cal-Am would attempt to produce no groundwater from its wells in the Upper Carmel Valley during April through June 2016. If sufficient flow in the Carmel River at the District's Don Juan Bridge gage in Garland Park, i.e., any day of 20 or more cubic feet per second (cfs), continues to occur to justify operations allowed under the less restrictive high-flow

**EXHIBIT 15-C****Quarterly Water Supply Strategy and Budget Report  
California American Water  
Main Water Distribution System: April- June 2016**

period, Cal-Am could operate these wells if needed. In addition, it is projected that Cal-Am would produce approximately 894, 1,091, and 1,109 AF of groundwater from its wells in the Lower Carmel Valley during April, May and June 2016, respectively, for both customer service and Phase 1 and 2 Aquifer Storage and Recovery (ASR) injection to storage. **Table 1** was not included in this month's Staff Note since the wet hydrology to date has precluded the need for the Low Flow MOA. This table will be revised and updated when necessary with ongoing flow and storage data, for the May or June, 2016 Board meeting as a formal part of the Annual Low Flow MOA.

Lastly, it was assumed that a total of 350 AF of water would be diverted from the Carmel River Basin and injected into the Seaside Groundwater Basin at a rate of 250 and 100 AF during April and May, 2016, respectively. Because of the uncertainty in predicting future rainfall and runoff amounts, this assumption is subject to change. A total of 270 AF of water has been injected for storage by Phase 1 and 2 ASR in WY 2016, to date.

**Seaside Groundwater Basin** It was also agreed that, subject to rainfall and runoff conditions in the Carmel River, Cal-Am would continue production at 100, 125, and 150 AF per month from their wells in the Coastal Subareas, for April, May and June 2016, in addition to the planned 25 AF per month of production from the Sand City Desalination Plant, so as to achieve maximum utilization of the native water available in the basin under the Seaside Basin Adjudication Decision and in compliance with SWRCB Orders 95-10 and 2009-0060. For this budget period, projected Coastal Subarea production could vary from the values shown, depending on whether flows are sufficient to continue Phase 1 and 2 ASR injection operations. These operations may require some minor production from the Seaside wells in April and May to pressurize the delivery system and enable ASR injection. It was also agreed that only 3, 5, and 5 AF of groundwater would be budgeted from Cal-Am's wells in the Laguna Seca Subarea of the Seaside Basin for customers in the Ryan Ranch, Bishop, and Hidden Hills systems during April, May and June 2016, respectively. It is recognized that, based on recent historical use, Cal-Am's actual production from the Laguna Seca Subarea during this period will exceed the proposed monthly targets, which are based on Cal-Am's allocation specified in the Seaside Basin Adjudication Decision. For example, in the April through June 2015 period, Cal-Am produced 26, 26, and 30 AF from the Laguna Seca Subarea to meet customer demand in the Ryan Ranch, Bishop, and Hidden Hills systems. In this context, the production targets represent the maximum monthly production that should occur so that Cal-Am remains within its adjudicated allocation for the Laguna Seca Subarea. Under the amended Seaside Basin Adjudication Decision, Cal-Am is allowed to use production savings in the Coastal Subareas to offset over-production in the Laguna Seca Subarea, but such savings are unlikely to occur in WY 2016, and Cal-Am would instead incur a replenishment fee.





# Monterey Peninsula Water Management District

## Draft 2015 Annual Report

### Accomplishments

- Monterey Peninsula Water Supply Project –** The District has made continued progress on the Monterey Peninsula Water Supply Project working jointly with California American Water (Cal-Am), the Monterey Peninsula Regional Water Authority, and other parties.
- Funding for Desalination –** The District successfully passed SB 936 through the Legislature for financing the project in a manner to reduce impacts on ratepayers, working with Senator Bill Monning and Assembly member Mark Stone. Also provided funding for environmental and permitting work on an alternative desalination facility.
- Pure Water Monterey Project –** The District led a coalition that includes Salinas Valley growers to expand the project potential in a multi-benefit, multi-regional manner. The District provided the majority of funding and provided services for environmental and permitting work on this innovative water recycling plant for serving a portion of the Peninsula's potable supply, working in partnership with the Monterey Regional Water Pollution Control Agency (MRWPCA).



*The Water Management District's Aquifer Storage and Recovery project site.*

The MRWPCA certified the Final Environmental Impact Report on Pure Water Monterey, which enables the District to enter into funding agreements for the project and obtain permits.

- Aquifer Storage and Recovery (ASR) -** MPWMD operated the Phase 1 and Phase 2 facilities in coordination with Cal-Am while diverting 215 acre-feet (AF) of Carmel River Basin water for injection and storage in the Seaside Basin during the hydrologically-dry 2015 water year (WY). Since inception of the ASR program, a total of 4,986 AF has been diverted from the Carmel River for storage and subsequent recovery through the end of WY 2015.
- Water Rights –** In its lead role as local resource manager, the District reviewed a water rights change permit issued by the State Water Resources Control Board for Carmel River diversions that enables a limited amount of new connections to the Cal-Am system. Also, MPWMD continued work on an integrated ground water – surface water GSFLOW/MODFLOW model to update instream flow needs for steelhead in the Carmel River, with a focus on model calibration, data review and input. The model is expected to be completed in mid-2016, and allow the District to model different water supply scenarios and their impacts on the Carmel River.
- Well Permitting –** After reviews for potential impacts to the water resource system and other water users, MPWMD issued 6 Water Distribution System Permits and 13 Confirmation of Exemptions for private properties that met the criteria established in District Rules and Regulations.
- Proposition 1 Integrated Regional Water Management Program –** The District took the lead for the Monterey Peninsula region in negotiating a draft agreement for sharing Proposition 1 funds in the Central Coast funding area. If approved by all regions, the Monterey Peninsula region would receive \$4.2 million for implementation of projects.

- State-Mandated Carmel River Mitigation and Stewardship** – Completed a basis of design report for an upgrade for the Sleepy Hollow Steelhead Rearing Facility, which includes construction of a new intake and water supply system. The intent is to protect the facility from changes in river flows due to the removal of San Clemente Dam and to allow the facility to continue to operate during periods of extreme drought or high flows. The total project cost (design and construction) is estimated at \$2.2 million and will be reimbursed from funds generated by a Settlement Agreement between Cal-Am and the National Marine Fisheries Service (NMFS). The project is scheduled to be completed in 2017.



*Carmel River steelhead fish. Staff rescued 3,013 steelhead and released them upstream or to the ocean.*

Successfully rescued 3,013 wild steelhead (including 384 collected during trapping operations) from approximately 10.9 miles of the Carmel River. Juvenile steelhead were released to upstream permanent habitats, predominantly in Cachagua Community Park, and adults and smolts to the ocean. The Sleepy Hollow Steelhead Rearing Facility could not be operated due to critically dry low flow conditions, compounded by fluctuating streamflows that resulted from fish passage construction projects at San Clemente Dam and Los Padres Dam.

Reinstalled the Dual-frequency Identification Sonar (DIDSON) in the lower river to count immigrating adult steelhead for the third year of operation. The run size was estimated at a net of 10 adult fish, based on observations of 56 individual fish (31 upstream/21 downstream).

Continued to work with NMFS, the United States Geological Survey, and California State University at Monterey Bay on field studies to: (a) evaluate the impact of removing San Clemente Dam, and (b) develop a steelhead population life history model for the watershed, where staff helped tag fish from their two studies, as well as MPWMD's fall population survey sites. This effort included NMFS installation of a tag detection array at the Carmel Area Wastewater District's treatment plant.

Characterized steelhead habitat in the full reach of the mainstem Carmel River in preparation of selecting transects for use in the development of a hydraulic model to evaluate steelhead habitat. An analogous steelhead habitat assessment effort was last conducted in the 1980's. The model will be used to answer such questions as "Is the Carmel River better off with or without Los Padres Dam" and what effect changes in stream diversions would have on the availability and quality of steelhead habitat.

Carried out a Vegetation Management Program in the active channel of the Carmel River at six sites to prevent debris dams and erosion. This includes trimming back encroaching vegetation and reducing the hazard of downed trees in preparation for winter flows. In addition, trash was removed along the Carmel River before winter rains and high flows washed it into the ocean.

Planted native trees on exposed banks of the Carmel River to improve habitat value, protect water quality, and reduce bank erosion.

Completed four additional miles of survey work in the lower 15 miles of the Carmel River to document changes in the profile of the channel bottom since 2007.

- Los Padres Dam Improvements** –Entered into a reimbursement agreement with Cal-Am for up to \$928,000 as part of the 2015-17 Public Utilities Commission General Rate Case to plan for the long-term future of the dam and associated reservoir. Completed a draft scope of work to assess upstream fish passage alternatives. Additional areas of study will include: sediment management, mitigating for downstream habitat impacts, and an evaluation of alternatives ranging from complete dam removal to increasing storage at the reservoir.
- Conservation** – Approved 1,644 rebate applications totaling \$522,388.17 for annual savings of 32.443 acre-feet of water.



MPWMD began inspecting building-by-building for compliance with the Non-Residential water efficiency requirements (Rule 143). More than 277 businesses were inspected. All businesses will be verified by late 2016.

2,174 properties were inspected to verify compliance with Water Efficiency Standards (Retrofit Upon Change of Ownership or Use).

682 Water Permits were issued, including 40 Water Permits for Water Entitlement Holders.

American Rainwater Catchment Systems Association (ARCSA) training – MPWMD hosted a two day AP-level workshop on rainwater harvesting for those seeking ARCSA-accredited professional status.

Sponsored Commercial, Industrial & Institutional (CII) Water Efficiency Training. The three-day workshop provided a comprehensive overview of key CII water uses. Participants learned about potential water savings, auditing techniques, and return on investment.

Hosted several greywater (“Laundry to Landscape”) and rainwater harvesting workshops, including hands-on demonstration installations at local locations.

Participated in numerous outreach events and school programs to promote conservation and the District.

- **Financial Performance** – This is the first year that the District has prepared a Comprehensive Annual Financial Report (CAFR). A CAFR is a set of government financial statements comprising the financial report of a municipality that complies with the accounting requirements promulgated by the Government Accounting Standards Board. MPWMD received a clean financial audit report with no material weakness or deficiencies. The audit for fiscal year 2014-2015 was conducted by Hayashi Wayland, an independent auditing firm.
- **Community Outreach** - Continued outreach with presentations to fifth graders from the International School of Monterey and Pacific Grove, freshman biology classes from Carmel High School, seniors of Environmental Science classes from Robert Louis Stevenson School, graduate school classes at CSUMB in Watershed Science and Policy, the Carmel Foundation, and the California Naturalist program.  
  
Executed over 30 presentations to community groups and City Councils, several guest opinions in local media, and posted weekly updates on the MPWMD Facebook page.
- **Awards** - Received the Association of California Water Agencies Clair Hill Award for completion of the Pure Water Monterey Demonstration Facility, that was developed jointly with the Monterey Regional Water Pollution Control Agency. Entered a drought tolerant landscape display in the Monterey County Fair and was awarded second place in the Water-Wise Landscape category, and second place in the category of Gardens of Monterey County: Featuring Native/Drought Tolerant Landscaping, by the Water Awareness Committee of Monterey County. te.



*The District offered training on rainwater harvesting methods such as installation of cisterns.*

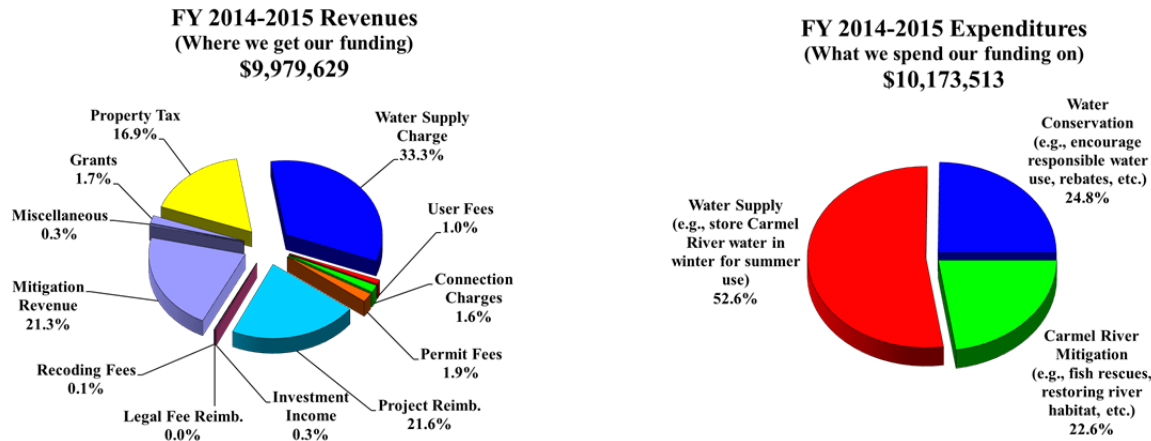
## Future Financing Methods

The District has historically paid for costs associated with water supply projects on a pay-as-you-go basis with the majority of the funding coming from user fees, which was the District’s largest and most fluid revenue source. The User Fee revenue from Cal-Am customers was not available to the District in 2014. In 2016, the user fees once again became available to the District as a source of revenue. With the establishment of the Water Supply Charge, the District now funds its water supply projects from this funding source. The District also uses a line of credit to provide additional funding for preliminary costs of current and future potential water supply projects. Possible sources of funds to pay for actual construction of future water supply projects include ongoing revenue increases, user fees,

water supply charge, new revenue categories, grants, and bond financing. Actual funding sources would be dependent on the type of project, the amount of funding needed and other variables.

### Financial Analysis

Total revenues received in Fiscal Year 2014-2015 were \$9,979,629, while expenditures totaled \$10,173,513, generating a decrease in fund balance of \$193,884. As of June 30, 2015, the District’s total fund balance was \$5,116,899.



The budget for Fiscal Year 2015-2016 anticipates revenues of \$13,930,850 and expenditures of \$13,930,850, which is a balanced budget. The total amount budgeted for completion of ASR 1 is \$502,400; ASR 2 work is budgeted at \$94,700; Ground Water Replenishment work is budgeted at \$4,633,000; local water project is budgeted at \$466,000; Cal-Am desalination financing work budgeted at \$140,000; and alternate desalination project is budgeted at \$350,000. The budget also includes \$367,800 in funding for preliminary work on various other water projects. ASR Projects 1 & 2 are wells and appurtenances for underground water storage and recovery.

### Groundwater Charge

**Groundwater Zone:** In June 1980, the District Board approved formation of a groundwater charge zone including all District territory, except portions of the District lying within the City of Sand City. The District-wide groundwater zone was formed to provide the legal basis for a comprehensive well-monitoring program consisting of well registration, well metering, and water production reporting.

Formation of the groundwater charge zone was not intended to generate revenues and it was acknowledged that no groundwater charge would be levied for the production of any naturally occurring groundwater. Accordingly, it is recommended that no groundwater charge be levied in any zone of the District during Water Year 2015.

**Available Water Supplies:** In Water Year 2015, 12,002 AF of water were legally available in the Carmel River and Seaside Groundwater Basins to serve Cal-Am customers within the District. Similarly, approximately 4,660 AF of water were assumed to be available to serve non-Cal-Am users extracting water from the Carmel Valley Aquifer and the Seaside Basin.

However, because of legal and regulatory constraints, MPWMD estimates that the long-term water supplies available to Cal-Am’s customers in the future will be reduced to approximately 6,750 acre-feet per year (AFY) and the amount of water available from the Seaside Basin to non-Cal-Am users will be reduced by approximately 46 AFY. This assumes that Cal-Am will retain rights to produce 774 AFY from Seaside Groundwater sources (restored to 1,474 in 25 years), 94 AFY from the Sand City Desalination Facility, 2,000 AFY from Aquifer Storage and Recovery, and 3,376 AFY from Carmel River sources. In 2013, the State granted Cal-Am an additional 1,488 AFY of Carmel River diversions, subject to meeting instream flow requirements. MPWMD estimates a long-term yield of about 500 AFY from this diversion right.

In its application to the California Public Utilities Commission for the Monterey Peninsula Water Supply Project, Cal-Am has sought to incorporate replenishment of the Seaside Basin, as well as potential demand for build-out in Pebble Beach, the potential “bounce back” in tourism resulting from economic recovery and utilizing existing visitor-serving capacity, and legal lots of record. Therefore, there is a required demand of 15,296 acre-feet.

**Requirements for Future Capital Improvements:** Based on the stated future demands discussed above, the resulting desalination facility size is 6,252 AF with Pure Water Monterey Groundwater Replenishment (GWR), or 9,752 AF without GWR. The groundwater replenishment project expected to create 3,500 AFY of new supply is being cosponsored by the Monterey Regional Water Pollution Control Agency and the District, which funds 75% of that project from its Water Supply Charge. Product water will be stored in the ground for 6 months and recovered for sale to Cal-Am.

Aquifer Storage and Recovery is expected to be doubled in capacity by 2019, to almost 3,000 AFY and is being developed jointly by the District and Cal-Am. However, until permit conditions are modified subsequent to the future lifting of the Cease and Desist Order, not all ASR capacity is reliably available in dry years, hence cannot all be counted upon to offset unlawful diversions. The District continues to develop plans for additional ASR opportunities for future water supply.



*The Association of California Water Agencies presented the Clair Hill Award to the Water Management District for completion of the Pure Water Monterey Demonstration Facility – a joint project with the Monterey Regional Water Pollution Control Agency.*





**ITEM: INFORMATIONAL ITEMS/STAFF REPORTS****18. LETTERS RECEIVED****Meeting Date:** March 21, 2016 **Budgeted:** N/A**From:** David J. Stoldt,  
General Manager **Program/** N/A  
**Line Item No.:****Prepared By:** Arlene Tavani **Cost Estimate:** N/A**General Counsel Review:** N/A**Committee Recommendation:** N/A**CEQA Compliance:** N/A

A list of letters that were submitted to the Board of Directors or General Manager and received between February 4, 2016 and March 16, 2016 is shown below. The purpose of including a list of these letters in the Board packet is to inform the Board and interested citizens. Copies of the letters are available for public review at the District office. If a member of the public would like to receive a copy of any letter listed, please contact the District office. Reproduction costs will be charged. The letters can also be downloaded from the District's web site at [www.mpwmd.net](http://www.mpwmd.net).

<b>Author</b>	<b>Addressee</b>	<b>Date</b>	<b>Topic</b>
John M. Phillips	Catherine J. K. Sandoval	3/16/15	Pure Water Monterey Project
William W. Monning	Catherine J. K. Sandoval	3/7/16	Pure Water Monterey Project
Dianne Feinstein	Catherine J. K. Sandoval	3/7/16	Pure Water Monterey Project
Clyde Roberson	CPUC Public Advisor	3/3/16	California American Water's Application 15-07-019 (Filed July 16, 2015)
David Potter	Catherine J. K. Sandoval	2/25/16	Pure Water Monterey Project
Michael Wegley, PE	David J Stoldt	2/10/16	Marina Coast Water District Urban Water Management Plan











**EXHIBIT 19-A**

FINAL MINUTES  
**Monterey Peninsula Water Management District**  
**Administrative Committee**  
*February 10, 2016*

**Call to Order**

The meeting was called to order at 3:31 PM in the District Conference Room.

Committee members present:           Andrew Clarke  
   Brenda Lewis (arrived at 3:35 PM)  
   David Pendergrass

Staff present:                           David Stoldt, General Manager  
   Suresh Prasad, Administrative Services Manager/Chief Financial Officer  
   Larry Hampson, District Engineer  
   Jonathan Leer, Sr. Hydrogeologist  
   Stephanie Locke, Water Demand Manager  
   Sara Reyes, Office Services Supervisor

**Oral Communications**

None

**1. Approve Minutes of January 19, 2016 Committee Meeting**

On a motion by Clarke and second by Pendergrass, the minutes of the January 19, 2016 meeting were approved on a vote of 2 to 0.

**Items on Board Agenda for February 17, 2016**

**2. Consider Expenditure for Purchase of Internet License for Water Wise Gardening in Monterey County**

On a motion by Clarke and second by Pendergrass, the committee voted 2 to 0 to recommend the Board expend \$5,000 and authorize the General Manager to renew the contract with GardenSoft to purchase a web license for the Water Wise Gardening for Monterey County software.

**3. Consider Expenditure for Water Conservation Equipment**

On a motion by Pendergrass and second by Clarke, the committee voted 2 to 0 to recommend the Board support the District spending up to \$45,000 to renew the District's stock of water conservation equipment to assist in the drought response during the upcoming months.

- 4. Consider Development of a Recommendation to the Board of Directors on an Agreement the United States Geological Survey to Calibrate the Carmel River Basin Simulation Model**  
On a motion by Lewis and second by Clarke, the committee voted 3 to 0 to recommend the Board review the draft scope of work between the District and the USGS and provide a recommendation to staff concerning contracting with the USGS for model calibration.
- 5. Consider Expenditure to Enter into Agreement with Tyler Technologies for Purchase and Implementation of Incode Utility Billing Software**  
On a motion by Clarke and second by Lewis, the committee voted 3 to 0 to recommend the Board authorize the General Manager to enter into an agreement with Tyler Technologies to provide Utility Billing software (Incode v.X) and implementation services for an amount not-to-exceed \$15,000.
- 6. Consider Adoption of Resolution 2016-03 – Re-establish User Fee and Suspend Collection of User Fee for the Remainder of Fiscal Year 2015-2016**  
On a motion by Lewis and second by Clarke, the committee voted 3 to 0 to recommend the Board approve Resolution 2016-03.
- 7. Consider Adoption of Treasurer’s Report for December 2015**  
On a motion by Lewis and second by Clarke, the committee voted 3 to 0 to recommend the Board adopt the December 2015 Treasurer’s Report and financial statements, and ratification of the disbursements made during the month.
- 8. Receive and File Second Quarter Financial Activity Report for Fiscal Year 2015-16**  
On a motion by Lewis and second by Clarke, the committee voted 3 to 0 to recommend the Board receive and file the Second Quarter Financial Activity Report for Fiscal Year 2015-2016.
- 9. Consider Approval of Second Quarter FY 2015-2016 Investment Report**  
On a motion by Clarke and second by Lewis, the committee voted 3 to 0 to recommend the Board approve the Second Quarter Fiscal Year 2015-2016 Investment Report.

#### Other Business

- 10. Approve 2016 Administrative Committee Meeting Schedule**  
The committee unanimously approved the 2016 Administrative Committee meeting schedule.
- 11. Review Second Quarter Legal Services Activity Report for Fiscal Year 2015-16**  
This was presented to the committee for informational purposes only. No action was required of the committee.
- 12. Review Draft February 17, 2016 Board Meeting Agenda**  
The committee made no changes to the agenda.

#### Adjournment

The meeting was adjourned at 4:35 PM.

**ITEM: INFORMATIONAL ITEM/STAFF REPORTS****20. MONTHLY ALLOCATION REPORT**

<b>Meeting Date:</b>	<b>March 21, 2016</b>	<b>Budgeted:</b>	<b>N/A</b>
<b>From:</b>	<b>David J. Stoldt, General Manager</b>	<b>Program:</b>	<b>N/A</b>
		<b>Line Item No.:</b>	
<b>Prepared By:</b>	<b>Gabriela Ayala</b>	<b>Cost Estimate:</b>	<b>N/A</b>

**General Counsel Review:** N/A  
**Committee Recommendation:** N/A  
**CEQA Compliance:** N/A

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**SUMMARY:** As of February 28, 2016, a total of **25.830** acre-feet (**7.5%**) of the Paralta Well Allocation remained available for use by the Jurisdictions. Pre-Paralta water in the amount of **35.861** acre-feet is available to the Jurisdictions, and **30.479** acre-feet is available as public water credits.

**Exhibit 20-A** shows the amount of water allocated to each Jurisdiction from the Paralta Well Allocation, the quantities permitted in February 2016 (“changes”), and the quantities remaining. The Paralta Allocation had no debits in February 2016.

**Exhibit 20-A** also shows additional water available to each of the Jurisdictions and the information regarding the Community Hospital of the Monterey Peninsula (Holman Highway Facility). Additional water from expired or canceled permits that were issued before January 1991 are shown under “PRE-Paralta.” Water credits used from a Jurisdiction’s “public credit” account are also listed. Transfers of Non-Residential Water Use Credits into a Jurisdiction’s Allocation are included as “public credits.” **Exhibit 20-B** shows water available to Pebble Beach Company and Del Monte Forest Benefited Properties, including Macomber Estates, Griffin Trust. Another table in this exhibit shows the status of Sand City Water Entitlement.

**BACKGROUND:** The District’s Water Allocation Program, associated resource system supply limits, and Jurisdictional Allocations have been modified by a number of key ordinances. These key ordinances are listed in **Exhibit 20-C**.

**EXHIBITS**

- 20-A** Monthly Allocation Report
- 20-B** Monthly Entitlement Report
- 20-C** District’s Water Allocation Program Ordinances



**MONTHLY ALLOCATION REPORT  
Reported in Acre-Feet  
For the month of February 2016**

Jurisdiction	Paralta Allocation*	Changes	Remaining	PRE-Paralta Credits	Changes	Remaining	Public Credits	Changes	Remaining	Total Available
<b>Airport District</b>	8.100	0.000	5.197	0.000	0.000	0.000	0.000	0.000	0.000	5.197
<b>Carmel-by-the-Sea</b>	19.410	0.000	1.397	1.081	0.000	1.081	0.910	0.000	0.182	2.660
<b>Del Rey Oaks</b>	8.100	0.000	0.000	0.440	0.000	0.000	0.000	0.000	0.000	0.000
<b>Monterey</b>	76.320	0.000	0.203	50.659	0.000	0.030	38.121	0.000	3.661	3.894
<b>Monterey County</b>	87.710	0.000	10.284	13.080	0.000	0.000	7.827	0.000	1.891	12.175
<b>Pacific Grove</b>	25.770	0.000	0.000	1.410	0.000	0.312	15.874	0.000	0.228	0.540
<b>Sand City</b>	51.860	0.000	0.000	0.838	0.000	0.000	24.717	0.000	23.373	23.373
<b>Seaside</b>	65.450	0.000	8.749	34.438	0.000	34.438	2.693	0.000	1.144	44.331
<b>TOTALS</b>	342.720	0.000	25.830	101.946	0.000	35.861	90.142	0.000	30.479	92.170

Allocation Holder	Water Available	Changes this Month	Total Demand from Water Permits Issued	Remaining Water Available
<b>Quail Meadows</b>	33.000	0.000	32.237	0.763
<b>Water West</b>	12.760	0.072	8.743	4.017

Entitlement Holder	Water Available	Changes this Month	Total Demand from Water Permits Issued	Remaining Water Available
<b>Malpaso Water Company</b>	80.000	0.000	0.000	80.000

\* Does not include 15.280 Acre-Feet from the District Reserve prior to adoption of Ordinance No. 73.



**EXHIBIT 20-B**

**MONTHLY ALLOCATION REPORT  
ENTITLEMENTS  
Reported in Acre-Feet  
For the month of February 2016**

**Recycled Water Project Entitlements**

<b>Entitlement Holder</b>	<b>Entitlement</b>	<b>Changes this Month</b>	<b>Total Demand from Water Permits Issued</b>	<b>Remaining Entitlement/and Water Use Permits Available</b>
<b>Pebble Beach Co. <sup>1</sup></b>	239.310	0.000	11.736	227.574
<b>Del Monte Forest Benefited Properties <sup>2</sup> (Pursuant to Ord No. 109)</b>	125.690	0.930	42.573	83.117
<b>Macomber Estates</b>	10.000	0.000	9.595	0.405
<b>Griffin Trust</b>	5.000	0.000	4.809	0.191
<b>CAWD/PBCSD Project Totals</b>	<b>380.000</b>	<b>0.930</b>	<b>68.713</b>	<b>311.287</b>

<b>Entitlement Holder</b>	<b>Entitlement</b>	<b>Changes this Month</b>	<b>Total Demand from Water Permits Issued</b>	<b>Remaining Entitlement/and Water Use Permits Available</b>
<b>City of Sand City</b>	165.00	0.000	3.572	161.428

Increases in the Del Monte Forest Benefited Properties Entitlement will result in reductions in the Pebble Beach Co. Entitlement.





## EXHIBIT 20-C

### **District's Water Allocation Program Ordinances**

**Ordinance No. 1** was adopted in September 1980 to establish interim municipal water allocations based on existing water use by the jurisdictions. Resolution 81-7 was adopted in April 1981 to modify the interim allocations and incorporate projected water demands through the year 2000. Under the 1981 allocation, Cal-Am's annual production limit was set at 20,000 acre-feet.

**Ordinance No. 52** was adopted in December 1990 to implement the District's water allocation program, modify the resource system supply limit, and to temporarily limit new uses of water. As a result of Ordinance No. 52, a moratorium on the issuance of most water permits within the District was established. Adoption of Ordinance No. 52 reduced Cal-Am's annual production limit to 16,744 acre-feet.

**Ordinance No. 70** was adopted in June 1993 to modify the resource system supply limit, establish a water allocation for each of the jurisdictions within the District, and end the moratorium on the issuance of water permits. Adoption of Ordinance No. 70 was based on development of the Paralta Well in the Seaside Groundwater Basin and increased Cal-Am's annual production limit to **17,619** acre-feet. More specifically, Ordinance No. 70 allocated 308 acre-feet of water to the jurisdictions and 50 acre-feet to a District Reserve for regional projects with public benefit.

**Ordinance No. 73** was adopted in February 1995 to eliminate the District Reserve and allocate the remaining water equally among the eight jurisdictions. Of the original 50 acre-feet that was allocated to the District Reserve, 34.72 acre-feet remained and was distributed equally (4.34 acre-feet) among the jurisdictions.

**Ordinance No. 74** was adopted in March 1995 to allow the reinvestment of toilet retrofit water savings on single-family residential properties. The reinvested retrofit credits must be repaid by the jurisdiction from the next available water allocation and are limited to a maximum of 10 acre-feet. This ordinance sunset in July 1998.

**Ordinance No. 75** was adopted in March 1995 to allow the reinvestment of water saved through toilet retrofits and other permanent water savings methods at publicly owned and operated facilities. Fifteen percent of the savings are set aside to meet the District's long-term water conservation goal and the remainder of the savings are credited to the jurisdictions allocation. This ordinance sunset in July 1998.

**Ordinance No. 83** was adopted in April 1996 and set Cal-Am's annual production limit at **17,621** acre-feet and the non-Cal-Am annual production limit at **3,046** acre-feet. The modifications to the production limit were made based on the agreement by non-Cal-Am water users to permanently reduce annual water production from the Carmel Valley Alluvial Aquifer in exchange for water service from Cal-Am. As part of the agreement, fifteen percent of the historical non-Cal-Am production was set aside to meet the District's long-term water conservation goal.

**Ordinance No. 87** was adopted in February 1997 as an urgency ordinance establishing a community benefit allocation for the planned expansion of the Community Hospital of the Monterey Peninsula (CHOMP). Specifically, a special reserve allocation of 19.60 acre-feet of production was created exclusively for the benefit of CHOMP. With this new allocation, Cal-Am's annual production limit was increased to **17,641** acre-feet and the non-Cal-Am annual production limit remained at **3,046** acre-feet.

**Ordinance No. 90** was adopted in June 1998 to continue the program allowing the reinvestment of toilet retrofit water savings on single-family residential properties for 90-days following the expiration of Ordinance No. 74. This ordinance sunset in September 1998.

**Ordinance No. 91** was adopted in June 1998 to continue the program allowing the reinvestment of water saved through toilet retrofits and other permanent water savings methods at publicly owned and operated facilities.

**Ordinance No. 90 and No. 91** were challenged for compliance with CEQA and nullified by the Monterey Superior Court in December 1998.

**Ordinance No. 109** was adopted on May 27, 2004, revised Rule 23.5 and adopted additional provisions to facilitate the financing and expansion of the CAWD/PBCSD Recycled Water Project.

**Ordinance No. 132** was adopted on January 24, 2008, established a Water Entitlement for Sand City and amended the rules to reflect the process for issuing Water Use Permits.

**ITEM: INFORMATIONAL ITEM/STAFF REPORTS****21. WATER CONSERVATION PROGRAM REPORT**

<b>Meeting Date:</b>	<b>March 21, 2016</b>	<b>Budgeted:</b>	<b>N/A</b>
<b>From:</b>	<b>David J. Stoldt, General Manager</b>	<b>Program/ Line Item No.:</b>	<b>N/A</b>
<b>Prepared By:</b>	<b>Kyle Smith</b>	<b>Cost Estimate:</b>	<b>N/A</b>

**Committee Recommendation: N/A****CEQA Compliance: N/A**

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**I. MANDATORY WATER CONSERVATION RETROFIT PROGRAM**

District Regulation XIV requires the retrofit of water fixtures upon Change of Ownership or Use with High Efficiency Toilets (HET) (1.28 gallons-per-flush), 2.0 gallons-per-minute (gpm) Showerheads, 2.2 gpm faucet aerators, and Rain Sensors on all automatic Irrigation Systems. Property owners must certify the Site meets the District's water efficiency standards by submitting a Water Conservation Certification Form (WCC), and a Site inspection is often conducted to verify compliance.

**A. Changes of Ownership**

Information is obtained monthly from *Realquest.com* on properties transferring ownership within the District. The information is entered into the database and compared against the properties that have submitted WCCs. Details on **99** property transfers that occurred in February 2016 were entered into the database.

**B. Certification**

The District received **29** WCCs between February 1, 2016, and February 29, 2016. Data on ownership, transfer date, and status of water efficiency standard compliance were entered into the database.

**C. Verification**

In February, **98** properties were certified to verify compliance with Rule 144 (Retrofit Upon Change of Ownership or Use). Of the **98** inspections certified, **80 (82%)** were in compliance. **None** of the properties that passed inspection involved more than one visit to verify compliance with all water efficiency standards.

District inspectors are tracking toilet replacement with High Efficiency Toilets (HET) in place of ULF toilets. These retrofits are occurring in remodels and new construction, and are the toilet of choice for Rule 144 compliance. State law mandated the sale and installation of HET by January 1, 2014, with a phase-in period that began in 2010. The majority of toilets sold in California are HET.

**Savings Estimate**

Water savings from HET retrofits triggered by Rule 144 verified in February 2016 are estimated at **0.230** acre-feet annually (AFA). Water savings from retrofits that exceeded requirements (i.e., HETs to Ultra High Efficiency Toilets) is estimated at **0.420** AFA (42 toilets). Year-to-date estimated savings occurring as a result of toilet retrofits is **3.110** AFA.

#### D. CII Water Efficiencies

Effective January 1, 2014, all Non-Residential properties are required to meet Rule 143 Water Efficiency Requirements. To assist the community in meeting Commercial, Industrial and Institutional (CII) requirements, property owners and businesses are sent notification of the requirements and a date that inspectors will be on Site to verify compliance. District inspectors performed **83** inspections. Of the **83** inspections certified, **46 (55%)** were in compliance. **None** of the properties that passed inspection involved more than one visit to verify compliance with all water efficiency standards for the month of February 2016. Non-compliant properties receive follow-up letters and inspections to confirm total compliance.

##### Savings Estimate

Water savings from HET retrofits triggered by Rule 143 verified in February 2016 are estimated at **1.030 (103 Toilets)** acre-feet annually (AFA). Year-to-date estimated savings occurring as a result of toilet retrofits is **1.910** AFA.

#### E. Water Waste Enforcement

In response to the State's drought emergency conservation regulation effective October 1, 2014, the District has increased its Water Waste enforcement. The District has a Water Waste Hotline 831-658-5653 or an online form to report Water Waster occurrences at [www.mpwmd.net](http://www.mpwmd.net) or [www.montereywaterinfo.org](http://www.montereywaterinfo.org). There were **four** Water Waste responses during the past month. There were **no** repeated incidents that resulted in a fine.

## **II. WATER DEMAND MANAGEMENT**

#### A. Permit Processing

District Rule 23 requires a Water Permit application for all properties that propose to expand or modify water use on a Site, including New Construction and Remodels. District staff processed and issued **78** Water Permits in February 2016. **Three** Water Permits were issued using water entitlements (Macomber, Pebble Beach Company, Griffin Estates, etc). No Water Permit involved a debit to a Public Water Credit Account.

All Water Permits have a disclaimer informing applicants of the Cease and Desist Order against California American Water and that MPWMD reports Water Permit details to California American Water. All Water Permit recipients with property supplied by a California American Water Distribution System will continue to be provided with the disclaimer.

District Rule 24-3-A allows the addition of a second Bathroom in an existing Single-Family Dwelling on a Single-Family Residential Site. Of the **78** Water Permits issued in February, **five** were issued under this provision.

#### B. Permit Compliance

District staff completed **65** Water Permit final inspections during February 2016. **Twelve** of the final inspections failed due to unpermitted fixtures. Of the **43** properties that were in compliance, **24** passed on the first visit. In addition, **three** pre-inspection were conducted in response to Water Permit applications received by the District.

#### C. Deed Restrictions

District staff prepares deed restrictions that are recorded on the property title to provide notice of District Rules and Regulations, enforce Water Permit conditions, and provide

notice of public access to water records. In April 2001, the District Board of Directors adopted a policy regarding the processing of deed restrictions. In the month of February, the District prepared **46** deed restrictions. Of the **78** Water Permits issued in February, **33 (42%)** required deed restrictions. District staff provided Notary services for **69** Water Permits with deed restrictions.

### III. JOINT MPWMD/CAW REBATE PROGRAM

The Water Conservation Rebate Program is available for purchase of Qualifying Devices.

Participation in the rebate program is detailed in the following chart. The table below indicates the program summary for California American Water Company.

<b>REBATE PROGRAM SUMMARY</b>		February-2016				2016 YTD	1997 - Present	
<b>I. Application Summary</b>								
A.	Applications Received	182				379	21214	
B.	Applications Approved	151				308	16663	
C.	Single Family Applications	178				360	19097	
D.	Multi-Family Applications	2				12	1059	
E.	Non-Residential Applications	2				7	259	
<b>II. Type of Devices Rebated</b>		Number of devices	Rebate Paid	Estimated AF	Gallons Saved	YTD Quantity	YTD Paid	YTD Est AF
A.	High Efficiency Toilet (HET)	18	1800.00	0.751464	244,865	31	3100.00	1.294188
B.	Ultra Low Flush to HET	21	2100.00	0.210000	68,429	69	6719.88	0.69
C.	Ultra HET	0	0.00	0.000000	0	0	0.00	0
D.	Toilet Flapper	0	0.00	0.000000	0	0	0.00	0
E.	High Efficiency Dishwasher	25	3125.00	0.075000	24,439	48	6000.00	0.144
F.	High Efficiency Clothes Washer	59	29497.00	0.949900	309,526	128	63965.67	2.0608
G.	Instant-Access Hot Water System	7	1207.90	0.000000	0	12	2123.00	0
H.	On Demand Systems	1	100.00	0.000000	0	2	200.00	0
I.	Zero Use Urinals	0	0.00	0.000000	0	0	0.00	0
J.	High Efficiency Urinals	0	0.00	0.000000	0	0	0.00	0
K.	Pint Urinals	0	0.00	0.000000	0	0	0.00	0
L.	Cisterns	13	17175.00	0.000000	0	23	27706.25	0
M.	Smart Controllers	1	140.00	0.000000	0	1	140.00	0
N.	Rotating Sprinkler Nozzles	0	0.00	0.000000	0	0	0.00	0
O.	Moisture Sensors	0	0.00	0.000000	0	0	0.00	0
P.	Lawn Removal & Replacement	7	8472.00	0.694704	226,370	11	13551.00	1.124302
Q.	Graywater	0	0.00	0.000000	0	0	0.00	0
R.	Ice Machines	0	0.00	0.000000	0	0	0.00	0
<b>III. Totals: Month; AF; Gallons; YTD</b>		152	63616.90	2.681068	873,629	325	123,505.80	5.31329
						2016 YTD	1997 - Present	
<b>IV. Total Rebated: YTD; Program</b>						123,505.80	5,017,798.86	
<b>V. Estimated Water Savings in Acre-Feet Annually*</b>						5.313290	490.050255	

\* Retrofit savings are estimated at 0.041748 AF/HET; 0.01 AF/UHET; 0.01 AF/ULF to HET; 0.003 AF/dishwasher; 0.0161 AF/residential washer; 0.0082 AF/100 square feet of lawn removal.



**ITEM: INFORMATIONAL ITEMS/STAFF REPORTS****22. CARMEL RIVER FISHERY REPORT FOR FEBRUARY 2016****Meeting Date:** March 21, 2016                      **Budgeted:** N/A**From:** David J. Stoldt,  
General Manager                      **Program/** N/A  
**Line Item No.:****Prepared By:** Beverly Chaney                      **Cost Estimate:** N/A**General Counsel Review:** N/A**Committee Recommendation:** N/A**CEQA Compliance:** N/A

**AQUATIC HABITAT AND FLOW CONDITIONS:** After a strong January, February was much drier and hopes for a wet El Niño winter began to fade as temperatures climbed over 80 degrees in Carmel Valley.

Flow conditions in the lower Carmel River remained good to excellent for migration and rearing of all steelhead life stages, but several tributaries dried at their confluence. Mean daily streamflow at the Sleepy Hollow Weir ranged from 48 to 127 cubic feet-per-second (cfs) (mean 70.0 cfs) resulting in 4,049 acre-feet (AF) of runoff, while flows at the Highway 1 gage ranged from 57 to 153 cubic feet-per-second (cfs) (mean 83 cfs), resulting in 4,770 acre-feet (AF) of runoff.

February was mostly dry and warm with only 1.69 inches of rainfall recorded at Cal-Am's San Clemente gauge (39% of the long-term February average). The rainfall total to date for WY 2016 (which started on October 1, 2015) is 16.00 inches, or 104% of the long-term year-to-date average of 15.41 inches.

**CARMEL RIVER LAGOON:** The lagoon connected to the ocean on January 11, 2016. During February, the water surface elevation (WSE) ranged between approximately 1.5 and 10.5 feet above mean-sea-level as it oscillated with the tides and brief closures (see graph below).

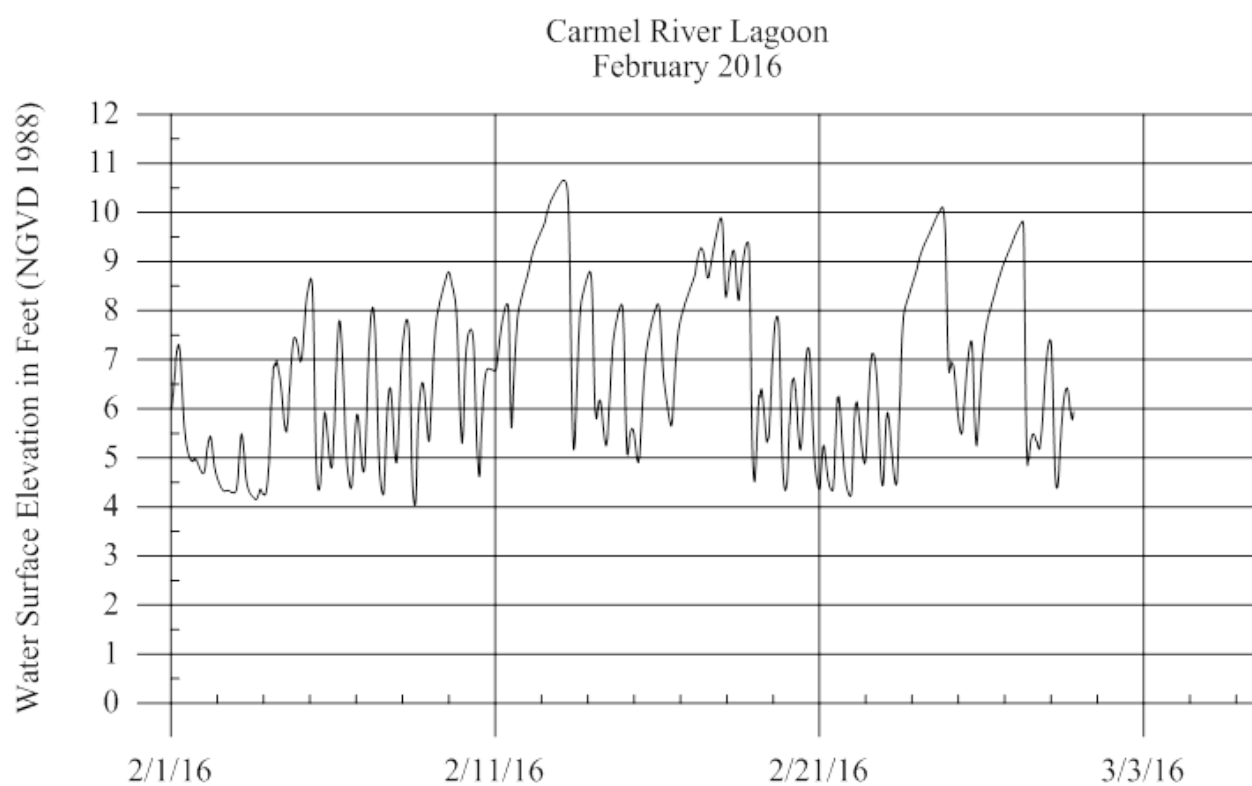
Water-quality profiles were conducted in mid-February at five lagoon sites. Overall, surface water conditions were "good to excellent" for steelhead rearing with water temperatures in the mid-50s degrees Fahrenheit and dissolved oxygen (DO) ranging from 7 - 11 mg/L. Due to tidal influx and wave action, salinity levels were generally higher than in January, especially in the deeper main body of the lagoon, ranging from 3 to 32 parts per thousand (ppt).

**ADULT STEELHEAD COUNTS:** The DIDSON camera was installed in the lower valley on January 12, 2016. The data are currently being reviewed and preliminary results will be reported once available. No adult fish have been observed at the Los Padres Dam fish ladder through February.

**REDD SURVEYS:** Staff completed a full river length steelhead redd survey (Highway 1 to Los Padres Dam - 24 miles) in February to count both redds and adult fish, observe spawning habitat, and look for migration barriers. Fourteen steelhead redds and 28 Pacific Lamprey redds were counted. No steelhead were observed.

**INSTREAM FLOW STUDY:** District staff is currently working on an updated instream flow model based on hydraulic conditions measured along stream cross sections, or transects, placed in a variety of different habitats.

In February, habitat unit selection, transect placement and total sample size were selected in consultation with staff from NMFS, CDFW, and the SWRCB.





**ITEM: INFORMATIONAL ITEMS/STAFF REPORT****23. MONTHLY WATER SUPPLY AND CALIFORNIA AMERICAN WATER PRODUCTION REPORT****Meeting Date:** March 21, 2016 **Budgeted:** N/A**From:** David J. Stoldt,  
General Manager **Program/** N/A  
**Line Item No.:****Prepared By:** Jonathan Lear **Cost Estimate:** N/A**General Counsel Review:** N/A**Committee Recommendation:** N/A**CEQA Compliance:** N/A

**Exhibit 23-A** shows the water supply status for the Monterey Peninsula Water Resources System (MPWRS) as of **March 1, 2016**. This system includes the surface water resources in the Carmel River Basin, the groundwater resources in the Carmel Valley Alluvial Aquifer and the Seaside Groundwater Basin. **Exhibit 23-A** is for Water Year (WY) 2015 and focuses on four factors: rainfall, runoff, storage, and steelhead. The rainfall and Streamflow values are based on measurements in the upper Carmel River Basin at San Clemente Dam.

**Water Supply Status:** As shown, rainfall through **February** 2016 totaled **1.69 inches** and brings the cumulative rainfall total for WY 2016 to **16.00 inches**, which is **104%** of the long-term average through **February**. Estimated unimpaired runoff during **February** 2016 totaled **4,049 acre-feet (AF)** and brings the cumulative runoff total for WY 2016 to **15,513 AF**, which is **43%** of the long-term average through **February**. Usable storage, which includes surface and groundwater, was **30,560** or **97%** of the long-term average at the beginning of **March**. This storage equates to **81%** of system capacity.




**Production Compliance:** Under State Water Resources Control Board (SWRCB) Cease and Desist Order No. 2009-0060, California American Water (Cal-Am) is allowed to produce no more than 9,703 AF of water from the Carmel River in WY 2016. In addition, under the Seaside Basin Decision, Cal-Am is allowed to produce 2,251AF of water from the Coastal Subareas and 48 AF from the Laguna Seca Subarea of the Seaside Basin in WY 2016. Altogether, Cal-Am is currently allowed to produce 11,954 AF from Carmel River and Seaside Coastal sources for customers in its main Monterey system and 48 AF from the Laguna Seca Subarea for customers in Ryan Ranch, Hidden Hills, and Bishop Systems (not adjusted for Sand City Desalination). For WY 2016 through **February**, Cal-Am has produced **3,781 AF** from the Carmel River (including ASR and Table 13), Seaside Basin, and Sand City Desalination. This water production is **601 AF** or **13.9 % less** than the target specified for Cal-Am's production from the MPWRS for WY 2016 through **February**. A breakdown of Cal-Am's production for WY 2016 through **February** is included as **Exhibit 23-B**. Cal-Am's production from the Carmel River Basin is reduced for diversions that are made for injection into the Seaside Basin; Cal-Am's "native" Seaside Basin production is reduced for injected water recovery. For WY 2016 through **February**, **270.0 AF** of Carmel River Basin groundwater have been diverted for Seaside Basin injection; **0 AF** have been recovered for customer use. **Exhibit 23-C** shows production breakdown from all sources for all uses. Some of the values in this report may be revised in the future as Cal-Am finalizes their production values and monitoring data.

**EXHIBITS****23-A** Water Supply Status: **March 1, 2016****23-B** Monthly Cal-Am Diversions from Carmel River and Seaside Groundwater Basins: Water Year 2016**23-C** Monthly Cal-Am production by source: WY 2016



**EXHIBIT 23-A**

**Monterey Peninsula Water Management District  
Water Supply Status  
March 1, 2016**

Factor	Water Year 2016 Oct - Feb	Average To Date	Percent of Average	Water Year 2015 Oct - Feb
 <b>Rainfall</b> (Inches)	16.00	15.41	104%	13.85
 <b>Runoff</b> (Acre-Feet)	15,513	36,088	43%	17,759
 <b>Storage</b> (Acre-Feet)	30,560	32,030	97%	30,920

**Notes:**

1. Rainfall and runoff estimates are based on measurements at San Clemente Dam. Annual rainfall and runoff at San Clemente Dam average 21.1 inches and 67,442 acre-feet, respectively. Annual values are based on the water year that runs from October 1 to September 30 of the following calendar year. The rainfall and runoff averages at the San Clemente Dam site are based on records for the 1922-2015 and 1902-2015 periods, respectively.
2. The rainfall and runoff totals are based on measurements through the dates referenced in the table.
3. Storage estimates refer to usable storage in the Monterey Peninsula Water Resources System (MPWRS) that includes surface water in Los Padres and San Clemente Reservoirs and ground water in the Carmel Valley Alluvial Aquifer and in the Coastal Subareas of the Seaside Groundwater Basin. The storage averages are end-of-month values and are based on records for the 1989-2015 period. The storage estimates are end-of-month values for the dates referenced in the table.
4. The maximum usable storage capacity for the MPWRS at this time, with the flashboard in at Los Padres Dam and no capacity at San Clemente Dam, is 37,639 acre-feet.
5. The adult steelhead count historically provided for fish that migrate up the fish ladder at San Clemente Dam is no longer available subsequent to the removal of the dam in 2015.



**EXHIBIT 23-B**

**California American Water Production Distributed by Associated Water Rights: Water Year 2016**  
(All Values in Acre-Feet)

	Carmel River Water Diverted by Cal-Am for Customer Service Under 95-10 Rights <sup>1</sup> Limit: <b>9,637</b> acre-feet <sup>2</sup>	Seaside Groundwater Diverted by Cal-Am from Coastal Subareas for Customer Service Under Adjudicated Rights <sup>4</sup> Limit: <b>2,251</b> acre-feet	Seaside Groundwater Diverted by Cal-Am from Laguna Seca Subarea for Customer Service Under Adjudicated Rights <sup>4</sup> Limit: <b>48</b> acre-feet	Total Seaside Basin Adjudicated Diversions for Customer Service <sup>4</sup> Limit: <b>2,299</b> acre-feet	Total Production Under 95-10 Rights and Seaside Basin Adjudicated Rights <sup>1,3</sup> Limit: <b>11,936</b> acre-feet	Carmel River Water Diverted by Cal-Am for ASR Injection Under 20808A and C Rights <sup>2</sup> Limit: <b>5,326</b> acre-feet	Carmel River Water Diverted by Cal-Am under Table 13 Rights Limit: acre-feet	Seaside Groundwater Recovered by Cal-Am for Customer Service Under ASR Rights <sup>4</sup> Target: <b>215</b> acre-feet	Desalinated Water from Sand City Plant Target: <b>300</b> acre-feet
Oct-15	568	258	31	288	856	0	0	0	11
Nov-15	479	166	21	187	665	0	0	0	0
Dec-15	527	97	20	117	644	0	0	0	0
Jan-16	537	69	19	87	624	211	42	0	2
Feb-16	625	25	19	44	669	60	10	0	5
Mar-16									
Apr-16									
May-16									
Jun-16									
Jul-16									
Aug-16									
Sep-16									
<b>Total</b>	<b>2,736</b>	<b>614</b>	<b>109</b>	<b>723</b>	<b>3,459</b>	<b>270</b>	<b>52</b>	<b>0</b>	<b>18</b>

**California American Water Limit Adjustments to Comply with Associated Water Rights : Water Year 2016**

(All Values in Acre-Feet)

	Carmel River Water Diverted by Cal-Am for Customer Service Under 95-10 Rights <sup>1</sup> acre-feet	Carmel River Water Diverted by Cal-Am for ASR Injection Under 20808 Rights <sup>3</sup> acre-feet	Carmel River Water Consumed in Basin according to Table 13 Rights acre-feet	Total Water Diverted from Carmel River for Customer Service and Injection acre-feet	Seaside Groundwater Recovered by Cal-Am for Customer Service Under ASR Rights <sup>5</sup> acre-feet	Desalinated Water from Sand City Plant <sup>2</sup> acre-feet	Total Adjustment to 95-10 Water Right From Sand City Desal Production acre-feet	95-10 Water Right Adjusted Monthly acre-feet	Total Production for Customer Service from MPWRS, Water Projects, and Water Rights acre-feet
Oct-15	568	0	0	568	0	11	11	9,692	856
Nov-15	479	0	0	479	0	0	11	9,681	665
Dec-15	527	0	0	527	0	0	11	9,669	644
Jan-16	537	211	42	747	0	2	14	9,656	877
Feb-16	625	60	10	685	0	5	18	9,637	738
Mar-16									
Apr-16									
May-16									
Jun-16									
Jul-16									
Aug-16									
Sep-16									
<b>Total</b>	<b>2,736</b>	<b>270</b>	<b>52</b>	<b>3,006</b>	<b>0</b>	<b>18</b>	<b>66</b>	<b>9,637</b>	<b>3,781</b>

**Notes:**

- "95-10 Rights" refer to water rights that were recognized by the State Water Resources Control Board (SWRCB) in Order No. WR 95-10 in July 1995 and assigned to California American Water. The rights total 3,376 acre-feet annually (AFA).
- "20808A Rights" refer to water rights that are held jointly by MPWMD and Cal-Am for the Phase 1 ASR project. "ASR" refers to Aquifer Storage and Recovery. "20808A" refers to Water Right Permit 20808A that was issued by the SWRCB in November 2007, for a maximum annual diversion of 2,426 AF. "20808C" refers to water rights permit 20808C, issued in November 2011 for a maximum annual diversion of 2,900AF.
- "Adjudicated Rights" refer to groundwater rights determined by the Superior Court of Monterey County in March 2006 and amended in February 2007. These limits are subject to change by action of the Seaside Basin Watermaster

**EXHIBIT 23-B**

**Quarterly Water Budget Targets vs. Rule 162: Water Year 2016**

(All Values in Acre Feet)

Quarterly Budget											Rule 162		
95-10 Monthly Budget	ASR Diversion for Injection	Table 13 Diversion and consumption	Total Carmel River Diversions for Customer Service ASR Injection and Table 13	Seaside Adjudication Monthly Budget (Coastal)	Seaside Adjudication Monthly Budget (Laguna Seca)	Seaside Adjudication Monthly Budget Combined	ASR Recovery Budget	Sand City Desal Budget	Monthly Production for Customer Use Target <sup>5</sup>	End of Month Production Adopted	End of Month Cumulative to date		
acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	MPWRS	MPWRS		
1st Qtr	Oct-15	646	0	0	646	400	5	405	0	25	1,076	1,076	1,076
	Nov-15	575	0	0	575	300	3	303	0	25	903	903	1,980
	Dec-15	644	145	24	813	100	3	103	0	25	772	796	2,776
2nd Qtr	Jan-16	632	230	38	900	100	3	103	0	25	760	798	3,572
	Feb-16	568	320	52	940	100	2	102	0	25	695	747	4,320
	Mar-16												5,170
3rd Qtr	Apr-16												6,084
	May-16												7,196
	Jun-16												8,353
4th Qtr	Jul-16												9,611
	Aug-16												10,850
	Sep-16												12,001
<b>Budget To Date</b>		<b>3,065</b>	<b>695</b>	<b>114</b>	<b>3,874</b>	<b>1,000</b>	<b>16</b>	<b>1,016</b>	<b>0</b>	<b>125</b>	<b>4,320</b>	<b>4,320</b>	

**California American Water Production vs. Water Budget and Water Right Limits: Water Year 2016**

(All Values in Acre Feet)

Cal-Am Production vs. Quarterly Water Budget Targets											Cal-Am Production vs. EOM Totals			
95 - 10 Production for Customer Use vs. Monthly Targets		Seaside Coastal		Laguna Seca		Seaside Combined		Sand City Desal		Cal-Am Production vs. Rule 162				
Monthly Comparison		Monthly Comparison		Monthly Comparison		Monthly Comparison		Monthly Comparison		Year to Date				
acre-feet under	% Under	acre-feet under	% under	acre-feet under	% under	acre-feet under	% under	acre-feet under	% under	acre-feet under	% under			
1st Qtr	Oct-15	78	12.1%	142	55.3%	-26	-512.4%	117	28.8%	14	56.2%	220	20.4%	
	Nov-15	96	16.7%	134	81.0%	-18	-599.0%	116	38.4%	25	98.8%	238	26.3%	
	Dec-15	117	18.2%	3	2.9%	-17	-556.7%	-14	-13.4%	25	99.1%	152	19.1%	
2nd Qtr	Jan-16	95	15.1%	31	45.5%	-16	-522.7%	16	15.1%	23	91.1%	-79	-9.9%	
	Feb-16	-57	-10.1%	75	301.6%	-17	-835.5%	58	57.2%	20	81.3%	9	1.2%	
	Mar-16													
3rd Qtr	Apr-16													
	May-16													
	Jun-16													
4th Qtr	Jul-16													
	Aug-16													
	Sep-16													
<b>Annual Statistics</b>	<b>AF Remaining</b>	<b>6,901</b>	<b>% Remaining</b>	<b>71.6%</b>	<b>AF Remaining</b>	<b>1,637</b>	<b>% Remaining</b>	<b>72.7%</b>	<b>AF Remaining</b>	<b>-61</b>	<b>% Remaining</b>	<b>-126.4%</b>	<b>AF Remaining</b>	<b>1,576</b>
										<b>68.6%</b>	<b>AF Remaining</b>	<b>282</b>	<b>% Remaining</b>	<b>93.9%</b>
												<b>539</b>	<b>12.5%</b>	

4. "Target" refers to the maximum amount of water that Cal-Am will try to recover each year for customer service as part of the Phase 1 and 2 ASR Project. The actual amount of water that is recovered will depend on the amount injected during a particular water year and previous water years.

5. Monthly Budget Target numbers from Quarterly Budget Meetings.

6. Budget Target vs. Rule 162 used for the purpose of tracking compliance with MPWMD water rationing rules.

7. Water Production vs. Water Budget and Water Rights Limits are tracked for compliance with Order 2009-0060 and Seaside Adjudication.

8. Production from ASR and Sand City Desalination plant reduce 95-10 water right.

**EXHIBIT 23-C**

**California American Water Production by Source: Water Year 2016**

	Carmel Valley Wells <sup>1</sup>						Seaside Wells <sup>2</sup>						Total Wells			Sand City Desal		
	Actual		Anticipated <sup>3</sup>		Under Target		Actual		Anticipated		Under Target		Actual	Anticipated	Acre-Feet Under Target	Actual	Anticipated	Under Target
	Upper acre-feet	Lower acre-feet	Upper acre-feet	Lower acre-feet	Upper acre-feet	Lower acre-feet	Coastal acre-feet	LagunaSeca acre-feet	Coastal acre-feet	LagunaSeca acre-feet	Coastal acre-feet	LagunaSeca acre-feet						
Oct-15	0	568	0	568	0	0	258	31	400	5	142	-26	856	973	117	11	25	14
Nov-15	0	479	0	479	0	0	166	21	300	3	134	-18	665	782	116	0	25	25
Dec-15	0	527	35	637	35	110	97	20	100	3	3	-17	644	775	131	0	25	25
Jan-16	85	704	0	767	-85	63	69	19	100	3	31	-16	877	870	-7	2	25	23
Feb-16	53	632	0	945	-53	313	25	19	100	2	75	-17	729	1,047	319	5	25	20
Mar-16																		
Apr-16																		
May-16																		
Jun-16																		
Jul-16																		
Aug-16																		
Sep-16																		
<b>To Date</b>	139	2910	35	3396	-103.5	486	614	109	1000	16	386	-93	3771	4447	676	18	125	107

**Total Production: Water Year 2016**

	Actual	Anticipated	Acre-Feet Under Target
Oct-15	867	998	131
Nov-15	666	807	141
Dec-15	644	800	156
Jan-16	879	895	16
Feb-16	733	1,072	339
Mar-16			
Apr-16			
May-16			
Jun-16			
Jul-16			
Aug-16			
Sep-16			
<b>To Date</b>	3,789	4,572	782

1. Carmel Valley Wells include upper and lower valley wells. Anticipate production from this source includes monthly production volumes associated with SBO 2009-60, 20808A, and 20808C water rights. Under these water rights, water produced from the Carmel Valley wells is delivered to customers or injected into the Seaside Groundwater Basin for storage.
2. Seaside wells anticipated production is associated with pumping native Seaside Groundwater (which is regulated by the Seaside Groundwater Basin Ajudication Decision) and recovery of stored ASR water (which is prescribed in a MOA between MPWMD, Cal-Am, California Department of Fish and Game, National Marine Fisheries Service, and as regulated by 20808C water right).
3. Current "anticipated" water budget reflects "Normal" Carmel River inflow conditions and monthly distribution of production based on long-term averages for the Cal-Am system.



# Supplement to 3/21/16 MPWMD Board Packet

Attached are copies of letters received between February 3, 2016 through March 16, 2016. These letters are listed in the March 21, 2016 Board packet under Letters Received and Distributed.

Author	Addressee	Date	Topic
John M. Phillips	Catherine J. K. Sandoval	3/16/15	Pure Water Monterey Project
Brent Constantz, Ph.D.	MPWMD Board	3/8/15	Deep Water Desal LLC Status Report
William W. Monning	Catherine J. K. Sandoval	3/7/16	Pure Water Monterey Project
Dianne Feinstein	Catherine J. K. Sandoval	3/7/16	Pure Water Monterey Project
Clyde Roberson	CPUC Public Advisor	3/3/16	California American Water's Application 15-07-019 (Filed July 16, 2015)
David Potter	Catherine J. K. Sandoval	2/25/16	Pure Water Monterey Project
Michael Wegley, PE	David J Stoldt	2/10/16	Marina Coast Water District Urban Water Management Plan

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# MONTEREY COUNTY



## Monterey County Board of Supervisors

**John M. Phillips**  
Supervisor District 2

**Josh Stratton**  
Aide to the Supervisor

**Claudia J. Link**  
Aide to the Supervisor

P.O. Box 787  
Castroville, CA 95012  
831-755-5022  
831-633-0201  
District2@co.monterey.ca.us

Commissioner Catherine J.K. Sandoval  
California Public Utilities Commission  
505 Van Ness Avenue  
San Francisco, CA 94102-3298

Dear Commissioner Sandoval,

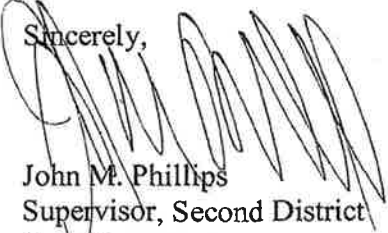
Monterey County and the entire state of California face a historic drought resulting from lack of rainfall and the draining of our rivers and lakes. In the face of this challenge, Pure Water Monterey is an innovative project which is a critical element to finding a solution to our water challenges.

I am writing in fervent support of the Pure Water Monterey project and to urge the California Public Utilities Commission to consider approval of the project.

The Pure Water Project is a key element towards Monterey County complying with the State Water Board's Recycled Water Policy to encourage the substitution of recycled water for potable water by 2030. We have a problem not only of water insufficiency, but also of capturing the water when we have it. This project will capture not just wastewater, but also agricultural produce wash water, storm water and used irrigation water to be converted into potable drinking water and irrigation water for our farmers.

This collaborative effort to capture, transport, process and deliver water from multiple sources, through multiple jurisdictions, is a model for other counties in the state to follow. I strongly offer my full support for the project and encourage you to support this innovative, efficient water recycling and purification project as well.

Sincerely,

  
John M. Phillips  
Supervisor, Second District  
County of Monterey





**Date:** March 8, 2016

**Memo from:** Brent Constantz, Ph.D.

**Subject:** DeepWater Desal LLC Status Report

DeepWater Desal LLC (DWD) is pleased provide the following update on our progress towards developing the Monterey Bay Regional Water Project, a desalination plant and datacenter complex in Moss Landing, California.

The Drought has made the public aware of how overdrafted the groundwater basins around Monterey Bay have caused lasting environmental harm to the species that rely on the springs and rivers that feed into the bay. This was, of course, the motivation that led the State Water Board to order CalAm to stop overdrafting the Carmel River in the first place. Reducing surface water withdrawals doesn't avoid the harm to fish if it is replaced with groundwater pumping. Groundwater provides the critical base flows needed during times of low flow so overdrafted groundwater basins contribute to damaging fish habitat. The State of California has now imposed regulations affecting groundwater sustainability which will have further restrictive impacts on the groundwater basins of our region. Conservation and new sustainable sources are being studied including desalination which is known and proven as a method around the world in providing a sustainable potable water supply.

DWD has invested approximately \$8.0 million in the project to date including approximately \$7 million from founders and our investors, as well as in-kind grant funding from the Monterey Peninsula Water Management District and in-kind funding from Dynegy's Moss Landing Power Plant. DWD has filed applications for permits from the California State Lands Commission (CSLC) and Monterey Bay National Marine Sanctuary. Those agencies will act as the lead agencies to prepare and certify a combined Environmental Impact Report and Environmental Impact Statement (EIR/EIS) to satisfy the requirements of the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA). We have also met with Lieutenant Governor Gavin Newsom who chaired the California State Lands Commission and briefed him on the project and our application. The Chief of the California State Lands Commission announced at a scoping session that both the Governor and Lieutenant Governor are following the project. At a California State Water Board Hearing the project received written and verbal support from Senator Bill Monning, Assemblyman Luis Alejo and Salinas Mayor Joe Gunter.

Since the CSLC issued a Notice of Preparation to begin the EIR/EIS process in June 2015 we have been making great progress on studies and design of the project. In October 2015, it was announced that the lead agencies selected Dudek, a leading environmental consulting firm, to conduct the EIR/EIS process. Dudek is a California-focused environmental consulting firm with more than 300 planners, scientists, engineers, contractors, and technicians based in San Diego. Dudek has ten regional offices located throughout California and recently Dudek completed the EIR for the Carlsbad desalination project that started producing water December 14, 2015 in San Diego County. Following certification of the EIR/EIS, our timeline will be primary dependent

upon the granting of a Coastal Development Permit from the California Coastal Commission. The company has kept the Coastal Commission proactively informed about the project and key Coastal Commission representatives and both lead agencies have met together with us about the project to reduce the chances of delays related to the Coastal Commissions subsequent review process.

Recently we hired Kim Adamson, former General Manager of Soquel Creek Water District in June. Kim is our General Manager with direct responsibility to oversee all project activities as well as performing administrative duties for our growing company. Kim has added Melanie Schumacher, also previously of Soquel Creek Water District, as full time project engineer. Kim and Melanie are currently working on preliminary design work and permitting. They are currently managing consultants performing nearly twenty-five separate design and study efforts that are required for EIR/EIS completion, with more to come in the second quarter of this year. In addition to Melanie, we have also welcomed Martha Karr in a full time administrative role.

Power costs are a major component of desalination and data center operating expenses. While our design incorporates the latest in technology and the synergy from co-locating a desalination plant with a data center, we will be using over 175 megawatts (MW) of power. That allows us to use that bulk purchasing power to initiate and negotiate long-term contracts for electrical power. The reduction in costs per MW over currently available commercial rates from published PG&E rate tables will result in many millions in annual savings to our regional water project. We have received some very attractive offers for pricing on power, which allows us to advance our discussions with anchor data center clients.

On a broader basis, beyond Moss Landing, it is apparent that the synergy between desalination and data center cooling is broadly applicable around the world, where both data storage and potable water are needed, and a lower cost and environmental impact are benefits resulting from the co-location. Recent press covering attempts by the largest tech companies to locate data centers on barges and in submarines for access to large volumes of cold water for cooling, demonstrate the common realization that the ocean represents the best renewable source of cooling. Further, the location of data centers in respect to population centers to reduce data transmission latency overlaps with the needs of population centers for potable water located in close proximity.

Our project is generating international interest. DWD was invited to submit a two-page article by Climate Change - The New Economy, the principal publication of the COP-21 Paris conference in November featuring DWD's innovative project. DWD is also invited to present our project as a case study at back to back global conferences of the Association for Data Center Management Professionals, where the leading global data center and technology groups gather including Google, Facebook, etc. National Geographic magazine has also contacted DWD regarding a summer issue article focused on the unique innovation of combining desalination and data center facilities. DWD is truly appreciative of the global interest and recognition of our teams' efforts in earning the interest in our vision and leadership.

COMMITTEES  
 CHAIR: LEGISLATIVE ETHICS  
 BUDGET & FISCAL REVIEW  
 BUDGET SUBCOMMITTEE 3  
 ON HEALTH & HUMAN SERVICES  
 HEALTH  
 JUDICIARY  
 NATURAL RESOURCES & WATER  
 PUBLIC SAFETY

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# California State Senate



**WILLIAM W. MONNING**  
 MAJORITY LEADER  
 SEVENTEENTH SENATE DISTRICT

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 STATE CAPITOL, ROOM 313  
 SACRAMENTO, CA 95814  
 TEL (916) 651-4017

MONTEREY DISTRICT OFFICE  
 99 PACIFIC STREET, SUITE 575-F  
 MONTEREY, CA 93940  
 TEL (831) 657-6315

SAN LUIS OBISPO DISTRICT OFFICE  
 1026 PALM STREET, SUITE 201  
 SAN LUIS OBISPO, CA 93401  
 TEL (805) 549-3784

SANTA CRUZ DISTRICT OFFICE  
 701 OCEAN STREET, SUITE 318-A  
 SANTA CRUZ, CA 95060  
 TEL (831) 425-0401

SANTA CLARA COUNTY SATELLITE OFFICE  
 7800 ARROYO CIRCLE, SUITE A  
 GILROY, CA 95020  
 TEL (408) 847-6101

March 7, 2016

Catherine J.K. Sandoval, Commissioner  
 California Public Utilities Commission  
 505 Van Ness Avenue  
 San Francisco, CA 94102

Dear Commissioner Sandoval:

This letter is to express my support for the Monterey Peninsula Water Management District's Pure Water Monterey (MPWMD) water recycling and purification project.

As you know, the Monterey Peninsula receives its water supply from surface and sub-surface water in the Carmel River, as well as water from the Seaside Groundwater Basin. In 2009, the State Water Resources Control Board issued a Cease and Desist Order to California American Water (Cal-Am) that prescribed a series of significant cutbacks to the Monterey Peninsula's access to water from the Carmel River.

The MPWMD and the Monterey Regional Water Pollution Control Agency have jointly developed Pure Water Monterey in order to deliver potable water to the Monterey Peninsula. This multi-region, multi-benefit project is supported by Cal-Am and will gather wastewater, agricultural produce wash water, storm water, and used irrigation water for regional re-use. The project is environmentally preferable to a larger desalination plant because of its smaller carbon footprint and its reduction in discharge in the National Marine Sanctuary.

Pure Water Monterey is an advanced water recycling and purification public project, and a critical component of the region's water portfolio. The project is a collaborative effort to develop an environmentally sustainable water supply in the Monterey region and I urge your support of the Monterey Peninsula Water Management District's Pure Water Monterey project.

Sincerely,

WILLIAM W. MONNING  
 Senator, 17<sup>th</sup> District

WWM:nc

cc: Michael Picker, President  
 California Public Utilities Commission





## United States Senate

WASHINGTON, DC 20510-0504

<http://feinstein.senate.gov>

March 7, 2016

Catherine J.K. Sandoval  
Commissioner  
California Public Utilities Commission  
505 Van Ness Avenue  
San Francisco, CA 94102-3298

Dear Commissioner Sandoval:

I write in support of Pure Water Monterey, the innovative water recycling project developed by the Monterey Peninsula Water Management District (District) and the Monterey Regional Water Pollution Control Agency (Agency)

Pure Water Monterey uses a four step water recycling process to treat water before it is injected into the groundwater basin using injection wells. This unique project utilizes water sources such as produce wash run-off, storm water, and agricultural irrigation run-off in addition to traditional wastewater. California is facing a historic drought, and the extraordinary lack of water limits our options. The District and Agency endeavor to make sure no drop is wasted with this exciting project.

Projects like Pure Water Monterey will help improve water supplies for local communities both in the short- and long-terms. Pure Water Monterey will serve as a model for other communities throughout California and I am pleased to offer it my full support.

Thank you in advance for your time and attention. If you have any questions regarding this project, please contact Katie Gross in my San Francisco office at (415) 393-0707.

Sincerely,

A handwritten signature in black ink, appearing to read "Dianne Feinstein", written over a faint, larger version of the same signature.

Dianne Feinstein  
United States Senator

DF/kg







March 3, 2016

Mayor:  
CLYDE ROBERSON

Councilmembers:  
TIMOTHY BARRETT  
LIBBY DOWNEY  
ALAN HAFFA  
ED SMITH

City Manager:  
MICHAEL MCCARTHY

California Public Utilities Commission  
Public Advisor's Office  
505 Van Ness Avenue  
San Francisco, CA 94102

RE: California American Water's Application 15-07-019 (Filed July 16, 2015)

Dear President Picker and Commissioners of the California Public Utilities Commission:

By unanimous vote of the City Council of the City of Monterey ("City"), the City hereby opposes Cal Am's application to modify its rate design, to change its water revenue adjustment mechanisms ("WRAM") and modified cost balancing account ("MCBA") surcharge collection, and to implement an annual consumption true-up mechanism ("sales reconciliation mechanism" or "SRM").

On March 1, 2016 the City conducted a public hearing regarding Cal Am's proposed changes. After receiving and considering public input from residents, the hospitality industry, and Cal Am, the Council deliberated and decisively objects to many aspects of Cal Am's proposal because it results in inequities to its ratepayers. The City firmly supports the detailed and comprehensive analysis and recommendation of the Office of Ratepayer Advocates (ORA) expressed in its report to the CPUC dated February 16, 2016.

The City agrees with ORA's recommendation that the CPUC should disallow \$17.39 million in WRAM balance, as this portion of the balance is reasonably attributable to Cal Am's lack of management oversight of the allotment system, and not by reduced consumption.

Consistent with ORA's recommendation, the City concurs that Cal-Am should be required to amortize \$17.39 million over five years rather than 20, and most importantly disallow charging ratepayers any interest.

The City also supports ORA's recommendation to require Cal-Am to make future WRAM balance recovery requests through the normal application process and not through the informal process of filing advice letters with the Commission. Furthermore, the City is concerned that the method of calculating costs between classes of ratepayers must be fair and transparent.

Thank you for your consideration of this informal comment letter. Should you have any questions, please do not hesitate to contact me at (831) 646-3760.

Sincerely,

Clyde Roberson  
Mayor

c: [Public.advisor@cpuc.ca.gov](mailto:Public.advisor@cpuc.ca.gov)  
CPUC Legal Division  
State Senator Bill Monning  
Assemblyman Mike Stone  
Monterey Business Associations  
Monterey Neighborhood Associations  
Mayors of the Cities of Carmel by the Sea, Del Rey Oaks, Marina, Pacific Grove,  
City of Sand, Seaside  
Monterey Peninsula Water Management District  
Monterey Peninsula Regional Water Authority  
California American Water Company  
Public Trust Alliance  
Water Plus  
Public Water Now  
Coalition of Peninsula Businesses  
Regulatory Liaisons, Inc.

# MONTEREY COUNTY



## Board of Supervisors

Supervisor Dave Potter  
Monterey County, Fifth District Supervisor

Kathleen Lee, Chief of Staff  
Jayne Mohammadi, Aide  
Bryan Flores, Administrative Assistant

1200 Aguajito Rd., Suite 001  
Monterey, CA 93940  
(831) 647-7755  
Fax: (831) 647-7695  
Email: [district5@co.monterey.ca.us](mailto:district5@co.monterey.ca.us)

February 25, 2016

Commissioner Catherine J.K. Sandoval  
California Public Utilities Commission  
505 Van Ness Avenue  
San Francisco, CA 94102-3298

Re: Support Letter for Monterey Peninsula Water Management District (MPWMD)  
Pure Water Monterey water recycling and purification project

Dear Commissioner Sandoval,

For decades, the County of Monterey has led the state in water conservation efforts for both residential and commercial uses. Given the worsening drought conditions in California, it is imperative that communities and public agencies continue to work together to create viable solutions to our current and historic water challenges and plan for the future. The Monterey Peninsula Water Management District Pure Water Monterey project would further bolster our efforts to successfully navigate through this difficult time, not only on the Monterey Peninsula but also in the Salinas Valley and throughout the County of Monterey.

Pure Water Monterey is an advanced water recycling and purification project to deliver potable water to the Peninsula and to gather and deliver irrigation water to the growers in North Monterey County. It is a multi-region, multi-benefit project. What makes it unique is that it gathers not just wastewater, but also agricultural produce wash water, storm water, and used irrigation water. The project is environmentally preferred to a larger desalination plant because of lower carbon footprint, reduced discharges to the Monterey Bay National Marine Sanctuary, and it helps to exacerbate some of the issues regarding discharges to the Salinas River. The project was referenced in Senator Feinstein's drought bill introduced earlier this month.

Planning for a sustainable, resilient water supply to meet the urban, agricultural and environmental needs of Monterey County will take consistent coordination, cooperation and focused planning and management. To this end, I strongly support the Monterey Peninsula Water Management District's Pure Water Monterey water recycling and purification project.

Sincerely,

Dave Potter  
Supervisor, Fifth District  
County of Monterey

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## 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*

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February 10, 2016

Mr. David J Stoldt, General Manager  
Monterey Peninsula Water Management District  
5 Harris Court, Bldg G  
Monterey, CA 93940

RECEIVED

FEB 17 2016

MPWMD

Dear Mr. Stoldt:

The Marina Coast Water District (MCWD) is preparing an updated Urban Water Management Plan (UWMP) for submittal to the California Department of Water Resources, pursuant to the Urban Water Management Planning Act, as codified in the California Water Code Sections 10610-10656. The last UWMP was adopted in 2011.

The updated plan is currently being drafted. Your planning staff was previously contacted for review and input on the development and water demand projections for the planning period, which runs to the year 2035. Our anticipated schedule for public review and plan adoption is:

March 21, 2016	Publish public review draft of the UWMP
April 18, 2016	Conduct public hearing at the regularly scheduled MCWD Board meeting
April 21, 2016	Comment period closes
May 16, 2018	Adopt final UWMP at the regularly scheduled MCWD Board meeting

We will provide you a copy of the public review draft plan in March. We invite your input and comments on the UWMP. Please provide input to our consultant, Schaaf & Wheeler Consulting Civil Engineers, Attn: Andy Sterbenz, 3 Quail Run Circle, Suite 101, Salinas, CA, 93907. Andy may be contacted by phone at (831) 883-4848, or by e-mail at [asterbenz@swwsv.com](mailto:asterbenz@swwsv.com). You may contact me by direct phone at (831) 883-5925, or e-mail [mwegley@mcwd.org](mailto:mwegley@mcwd.org).

Sincerely,

Michael Wegley, PE  
District Engineer

