

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

Monday, May 16, 2016, 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, May 13, 2016.

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

CALL TO ORDER/ROLL CALL

PLEDGE OF ALLEGIANCE

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.

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 April 18, 2016 Board Meeting
2. Authorize Submission of Grant Application with the Monterey Bay Air Resources District for Purchase of Electric Vehicle
3. Consider Adoption of Resolution 2016-08 Certifying Compliance with State Law with Respect to the Levying of General and Special Taxes, Assessments, and Property-Related Fees and Charges

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, May 11, 2016. Staff reports regarding these agenda items will be available for public review on 5/12/2016, 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 June 20, 2016 at 7 pm.

4. Consider Expenditure for Additional Assistance with IFIM to Analyze Instream Flow Requirements for the Carmel River
5. Authorize Representative to Seaside Groundwater Basin Watermaster to Sign Letter of Support for Modification to Department of Water Resources Bulletin 118 Boundary to Recognize the Adjudicated Seaside Groundwater Basin
6. Receive and File District-Wide Annual Water Distribution System Production Summary Report for Water Year 2015
7. Receive and File District-Wide Annual Water Production Summary Report for Water Year 2015
8. Receive and File 2014-15 Annual Report for the MPWMD Mitigation Program
9. Consider Adoption of Treasurer's Report for March 2016
10. Receive and File Third Quarter Financial Activity Report for Fiscal Year 2015-16
11. Consider Approval of Third Quarter Fiscal Year 2015-16 Investment Report

GENERAL MANAGER'S REPORT

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

ATTORNEY'S REPORT

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

16. **Consider Second Reading and Adoption of Ordinance No. 170 – Amending Rules 11, 20, 21, 22, 23, 24, 25.5, 142 and 143**

Action: The Board will conduct a public hearing on the second reading of draft Ordinance No. 170 and consider adoption of the ordinance.

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

17. **Receive and Confirm Water Supply Forecast for Period of May 1, 2016 -- September 30, 2017 -- Adopt Resolution 2016 - 09 to Amend Table XV-4**

Action: The Board will receive a report on the available water supply and determine whether water-rationing triggers have been met.

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

18. **Review Proposed Fiscal Year 2016-2017 MPWMD Budget and Resolution 2016-10**

Description: The Board will review the proposed budget for Fiscal Year 2016-17. General direction will be given to staff but the Board will take no formal action. The Board is scheduled to consider adoption of the budget at the regular monthly meeting on June 20, 2016.

➤ **Exhibit 18-C: Fiscal Year 2016-2017 Budget (separate document submitted to Board)**

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.

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

ADJOURNMENT

Board Meeting Broadcast Schedule – Comcast Channels 25 & 28	
View Live Webcast at Ampmedia.org	
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, June 20, 2016	Regular Board Meeting	7:00 pm	District conference room
Monday, July 18, 2016	Regular Board Meeting	7:00 pm	District conference room
Monday, August 15, 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, May 12, 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 APRIL 18, 2016 REGULAR MEETING OF THE BOARD OF DIRECTORS

Meeting Date: May 16, 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

SUMMARY: Attached as **Exhibit 1-A** are draft minutes of the April 18, 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 April 18, 2016 Regular Meeting of the Board of Directors



EXHIBIT 1-A

DRAFT MINUTES
Regular Meeting
Board of Directors
Monterey Peninsula Water Management District
April 18, 2016

The meeting was called to order at 7:10 pm in the MPWMD conference room.

CALL TO ORDER/ROLL CALL

Directors Present:

Jeanne Byrne – Chair, Division 4
 Molly Evans – Division 3
 Andrew Clarke – Division 2
 Brenda Lewis – Division 1
 David Pendergrass – Mayoral Representative
 David Potter – Monterey County Board of Supervisors

Directors Absent:

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

General Manager present: David J. Stoldt

District Counsel present: David Laredo

The assembly recited the Pledge of Allegiance.

PLEDGE OF ALLEGIANCE

No action.

ADDITIONS AND CORRECTIONS TO AGENDA

Moe Ammar, President, Pacific Grove Chamber of Commerce, announced that David Stoldt was selected by the Chamber as Public Official of the Year. The chamber event to recognize Mr. Stoldt will be conducted on May 21, 2016. He distributed invitations to the Board of Directors.

ORAL COMMUNICATIONS

On a motion by Pendergrass and second of Potter, the Consent Calendar was approved, except for item 5 that was pulled for separate consideration. The motion was approved on a vote of 6 – 0 by Byrne, Clarke, Evans, Lewis, Pendergrass and Potter. Brower was absent.

CONSENT CALENDAR

Adopted.

1. **Consider Adoption of Minutes of the March 21, 2016 Regular Board Meeting**
2. **Consider Authorization of Contract for Preparation of Los Padres Dam Fish Passage Study**

Approved contract with HDR Engineering, Inc. for \$310,000.

Approved expenditure of \$12,000.

Approved expenditure of \$3,000.

Evans offered a motion to authorize an expenditure of \$2,500 for the demonstration project, and that construction of the raised beds would be modified to place posts on the outside of the structures. The motion was seconded by Clarke and approved on a vote of 6 – 0 by Evans, Clarke, Byrne, Lewis, Pendergrass and Potter. Brower was absent.

Adopted.

Adopted.

Stoldt announced that as of April 16, 2016, production from the Aquifer Storage and Recovery Project (ASR) was 699.18 acre-feet for the 2015/16 injection season. Chair Byrne requested that the chart titled Actual versus Target Production be modified to include under the heading Carmel River Basin, a column that lists diversions for ASR. Through March 31, 2016, rainfall was categorized as above normal, and was estimated as 115 percent of long-term average. For the same time period, unimpaired flow was described as normal.

Stoldt reported the following. **Deepwater Desal Project** - the administrative draft EIR for the Deepwater Desal Project was scheduled for release in July 2016, the draft should follow in December, and the final could be completed by September 2017. **People's Desalination Project** - The Moss Landing Harbor District has advised that the administrative draft of the project EIR was under a consultant's review, so it was not yet available for public review. It could take two or three months before it would be distributed to the public. **Monterey Peninsula Water Supply Project (MPWSP)** – The week of April 12, 2016, hearings were conducted before the California Public Utilities Commission (CPUC) regarding the project. On April 18, 2016, a motion was filed by all parties, except for Water Plus, requesting that the Pure Water Monterey Project and the Monterey Pipeline be segregated from the MPWSP application, and that the CPUC render a decision on those two projects in July and subsequently issue a final decision in August. If that were to be approved, construction contracts could be issued in September 2016.

3. **Consider Approval of Funds to Replace HVAC Unit at the MPWMD Harris Court Administration Building**
4. **Authorize Expenditure for a Joint Project with Monterey Peninsula Regional Park District - Rainwater Harvesting and Drought Tolerant Demonstration Garden at Garland Regional Park**
5. **Authorize Expenditure to Complete Rainwater Harvesting Demonstration Project at District Offices**
6. **Adopt 2016-17 Legislative Advocacy Plan**
7. **Consider Adoption of Treasurer's Report for February 2016**

GENERAL MANAGER'S REPORT

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

Stoldt reported that the California State Water Resources Control Board (SWRCB) is in the process of developing long-term conservation standards for implementation throughout the state. The Association of California Water Agencies was working to ensure that there would be local control over conservation activities, rather than yield to statewide control.

Laredo advised that the Board met in closed session and discussed the items listed on the agenda. Regarding the Conference with Labor Negotiators, the Board provided direction to Chair Byrne and Vice Chair Brower but no other reportable action was taken. Regarding item 1 – a status report was provided on the delayed EIR for the desalination project component, and on the Pure Water Monterey schedule. The Board discussed the effects of the timing delays on the CDO deadlines and the previously submitted application to extend the CDO. The Board gave concept approval to amend the previously submitted application to the SWRCB.

No reports were presented.

On a motion by Pendergrass and second of Clarke, the first reading of Ordinance No. 170 was approved on a roll-call vote of 6 – 0 by Pendergrass, Clarke, Byrne, Evans, Lewis and Potter. Brower was absent.

The following comments were directed to the Board during the

10. Report on Drought Response

ATTORNEY'S REPORT

11. Report from District Counsel on 5:30 PM Closed Session of the Board

Conference with Labor Negotiators (Gov. Code 54957.6)

Agency Designated Representatives:
Jeanne Byrne
Unrepresented Employee: David Stoldt

Conference with Legal Counsel- Existing Litigation (Gov. Code 54956.9 (a))

1. Application of California American Water to CPUC (No. 12-04-019) – Monterey Peninsula Water Supply Project
2. Application of California American Water to CPUC Case No. A1001012 – Monterey Peninsula Water Management District User Fee
3. MPWMD v SWRCB; Santa Clara 1-10-CV-163328 – CDO (6th District Appellate Case #H039455)

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

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

PUBLIC HEARINGS

13. Consider First Reading of Ordinance No. 170 – Amending Rules 11, 20, 21, 22, 23, 24, 25.5, 142 and 143

public hearing on this item. **(a) Eric Sabolsice**, Director of Operations for California American Water, spoke in opposition to allowing sub-metering of an adjacent parcel as that would result in a violation of the Cease and Desist Order. He urged the Board to approve Ordinance No. 170 as presented. **(b) James Smith**, architect, stated that the Board should allow sub-metering on an adjacent parcel, as a means to increase housing when a reduction in water use could be demonstrated. **(c) John Hain**, owner of a large parcel in Pacific Grove that consists of four lots with one house on the property. He planned to demolish that house and use the water credits to rebuild it and add another house on one of the other lots. He proposed that the second house would be sub-metered. He estimated that water use would be low due to installation of rainwater catchment systems and other water saving devices. He stated that he would like to be innovative and work with the District to find a solution.

Potter offered a motion that was seconded by Pendergrass, to approve the items related to the Integrated Regional Water Management Program. The motion was approved on a vote of 6 – 0 by Potter, Pendergrass, Byrne, Clarke, Evans and Lewis. Brower was absent. No comments were directed to the Board during the public comment period on this item.

The General Manager was authorized to make minor or non-substantive modifications to the MOU.

Authorized execution of the MOA.

Authorized contract with Gutierrez Consultants, Inc. for an amount of \$25,000.

On a motion by Clarke and second of Lewis, items related to the Bureau of Reclamation WaterSmart Program were approved on a vote of 6 – 0 by Clarke, Lewis, Byrne, Evans, Pendergrass and Potter. No comments were directed to the Board during the public comment period on this item.

Authorized a contract with Brown and Caldwell in the amount of \$45,000.

Authorized the General Manager to enter into a grant agreement with United States Bureau of Reclamation.

ACTION ITEMS

14. Consider Approval of Items Related to Integrated Regional Water Management Program

- A. Approve Revised MOU for Integrated Regional Water Management in the Monterey Peninsula, Carmel Bay and South Monterey Bay
- B. Authorize Execution of MOA for Integrated Regional Water Management Planning and Funding in the Central Coast Region
- C. Authorize Expenditure for Assistance with Proposition 1 Grant Program Coordination

15. Consider Approval of Items Related to Bureau of Reclamation WaterSmart Program

- A. Consider Authorization of Contract for Assistance with Preparation of the Salinas and Carmel River Basins Study
- B. Authorize the General Manager to Enter into a Grant Agreement with the United States Bureau of Reclamation

On a motion by Potter and second of Pendergrass, the Finance Plan outlined in the nine bullet-points listed on page 214 of the staff note were adopted on a vote of 6 – 0 by Potter, Pendergrass, Byrne, Clarke, Evans and Lewis. Brower was absent.

Tom Rowley, MPTA, addressed the Board during the public comment period on this item. He expressed concern that the Board of Directors has repeatedly exceeded its authority when it has approved funding for development of water supply projects without a vote of the electorate within the Water Management District boundaries. He advised that the MPTA will continue with its appeal of the determination in its lawsuit against the Water Management related to implementation of the water supply charge. *In response, District Counsel Laredo stated that a vote is only required if a project would benefit water users in a specific zone. In that case, an election would be held within the benefited zone. A project that would provide a common benefit to water users in the Water Management District does not require a public vote. He noted that the Superior Court upheld that determination in the lawsuit filed by the MPTA against the Water Management District, and the MPTA appeal did not address that aspect of the lawsuit.*

Stoldt summarized information provided in the staff report. He also reported that the Department of Water Resources (DWR) has determined that the Seaside Groundwater Basin Boundary Modification Request is complete. DWR has also determined that a letter of support for the boundary modification from the Seaside Groundwater Basin Watermaster will fulfill the previous requirement that letters from $\frac{3}{4}$ of the affected local agencies and water agencies be submitted. The DWR has also concluded that the Carmel Valley Alluvial Aquifer is surface water, and therefore will be exempt from the requirement to develop a groundwater sustainability plan. The DWR will be submitting a formal letter after receipt of confirmation from the SWRCB.

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

16. Consider Adoption of a Finance Plan for Utilization of User Fee and Water Supply Charge Funds

DISCUSSION ITEMS

17. Update on Sustainable Groundwater Management Act (SGMA): (a) Seaside Groundwater Basin, and (b) Carmel Valley Alluvial Aquifer

INFORMATIONAL ITEMS/STAFF REPORTS

- 18. Letters Received**
- 19. Committee Report**
- 20. Monthly Allocation Report**
- 21. Water Conservation Program Report**
- 22. Quarterly Water Use Credit Transfer Status Report**
- 23. Carmel River Fishery Report**
- 24. Quarterly Carmel River Riparian Corridor Management Report**
- 25. Monthly Water Supply and California American Water Production Report**

The meeting was adjourned at 8:30 pm.

ADJOURNMENT

Arlene M. Tavani, Deputy District Secretary

U:\staff\Boardpacket\2016\20160516\ConsentClnr\01\Item-1-Exh-A.doc

ITEM: CONSENT CALENDAR**2. AUTHORIZE SUBMISSION OF GRANT APPLICATION WITH THE MONTEREY BAY AIR RESOURCES DISTRICT FOR PURCHASE OF ELECTRIC VEHICLE**

Meeting Date:	May 16, 2016	Budgeted:	N/A
From:	David J. Stoldt, General Manager	Program/ Line Item No.	
Prepared By:	Suresh Prasad	Cost Estimate:	None

General Counsel Review: Yes**Committee Recommendation: The Administrative Committee reviewed this item on May 9, 2016 and recommended approval.****CEQA Compliance: N/A**

SUMMARY: California Assembly Bill 2766 (AB2766), signed into law in 1990, permits the Monterey Bay Air Resources District (MBARD) to allocate a \$4.00 per vehicle registration surcharge fee towards projects that reduce motor vehicle emissions such as zero emission vehicles, roundabouts, traffic signal coordination, or vanpools. Funds may also be used for related planning, monitoring, enforcement, and technical studies. Funds are available to public agencies in Monterey, San Benito and Santa Cruz Counties.

On March 16, 2016, the MBARD Board authorized this year's AB2766 Motor Vehicle Emission Reduction Grant Program. On September 21, 2016, the MBARD Board will award approximately \$1 million to selected projects. Eligible projects must reduce motor vehicle emissions and/or meet other criteria described in the grant packet. Only public agencies may apply for projects, which must be implemented in Monterey, San Benito and/or Santa Cruz Counties.

The Electric Vehicle (EV) replacement incentive program is limited to a recommended cap of \$10K. New vehicles may be purchased or leased (minimum of 3 years required). Certified used vehicles may be purchased with a funding cap of \$7500 (remaining battery life must be disclosed at time of purchase). Match funds are required for eligibility.

The District's grant application will be for the purchase of two electric vehicles under category 2, Electric Vehicle Replacement Incentive Program, of the AB2766 FY2015 program. One of the new electric vehicles will replace a 2004 Ford Taurus currently used as a pool car within the Administration and Conservation Department. The second vehicle will be primarily used for the Conservation Department.

RECOMMENDATION: District staff recommends authorizing the General Manager to execute a grant application with MBARD relative to the purchase of electric vehicles. Upon approval of the grant application, staff will return to the Board with request to authorize purchase of electric vehicles utilizing the grant funds.

BACKGROUND: In 1990, California Assembly Bill 2766 (AB2766) was signed into law, which permits the MBARD to allocate a \$4.00 per vehicle registration surcharge fee towards projects that reduce motor vehicle emissions such as zero emission vehicles, roundabouts, traffic signal coordination, or vanpools. Funds may also be used for related planning, monitoring, enforcement, and technical studies. Funds are available to public agencies in Monterey, San Benito and Santa Cruz Counties.

On March 16, 2016, the MBARD Board authorized this year's AB2766 Motor Vehicle Emission Reduction Grant Program. On September 21, 2016, the MBARD Board will award approximately \$1 million to selected projects. In addition, each year the MBARD may recover grant funds from completed projects with a residual balance and projects that were not completed or never initiated. These disencumbered funds are then returned to the grant program budget. The current maximum project award is \$200,000. However, certain qualifying emission reduction projects that exhibit fixed costs that represent 75% or greater of the total project cost are eligible for awards up to \$400,000. Eligible projects must reduce motor vehicle emissions and/or meet other criteria described in this packet. Only public agencies may apply for projects, which must be implemented in Monterey, San Benito and/or Santa Cruz Counties.

Emission reduction projects must enable reduction of ozone precursor emissions (ROG, NO_x) and PM from vehicle sources. Although only public agencies may apply and receive funds, private entities may implement the projects under contract to these agencies.

EXHIBIT

None

ITEM: CONSENT CALENDAR**3. CONSIDER ADOPTION OF RESOLUTION 2016-08 CERTIFYING COMPLIANCE WITH STATE LAW WITH RESPECT TO THE LEVYING OF GENERAL AND SPECIAL TAXES, ASSESSMENTS, AND PROPERTY-RELATED FEES AND CHARGES**

Meeting Date:	May 16, 2016	Budgeted:	Yes
From:	David J. Stoldt, General Manager	Program/ Line Item No.:	Revenues
Prepared By:	Suresh Prasad	Cost Estimate:	\$9,000

General Counsel Approval: Yes**Committee Recommendation: The Administrative Committee reviewed this item on May 9, 2016 and recommended approval.****CEQA Compliance: N/A**

SUMMARY: At its February 23, 2012 meeting, the Board directed staff to implement a Proposition 218 process for the development of water fees and charges, including the hiring of a rate consultant and the development of the necessary ordinances, resolutions, and notices for implementation thereof.

At its April 16, 2012 meeting, the Board reviewed as an informational item two alternative draft resolutions for the collection mechanism of the proposed annual Water Supply Charge. At its June 27, 2012 meeting the Board reviewed and approved Resolution 2012-06 for collection of Water Supply Charge through County Assessor's Office. At this time, the Board is asked to adopt Resolution 2016-08 certifying compliance with State law with respect to the Water Supply Charge to allow the County of Monterey to continue collection of the Water Supply Charge on the property tax bill. This Resolution gets adopted by our Board annually.

The County will charge the District 0.25% of the original amount that is to be collected by the County. The approximate collection fee for this fiscal year will be \$9,000.

RECOMMENDATION: The Board should review and adopt Resolution 2016-08 and authorize the County of Monterey for collection of Water Supply Charge on the property tax bill. The Administrative Committee reviewed this item at its May 9, 2016 meeting and recommended approval by a vote of 3 to 0.

BACKGROUND: There were two alternatives for the water supply charge collection mechanism: Alternative A was bills sent directly by the District or through a third-party mailing house; Alternative B was the use of the semi-annual County Assessor's bill, similar to what is the current practice for Carmel Area Wastewater District and the water recipients under the Castroville Seawater intrusion Project. At its June 27, 2012 meeting the Board reviewed and approved Resolution 2012-06 for collection of Water Supply Charge on the County Assessor's Office.

EXHIBIT**3-A Resolution 2016-08**

U:\staff\Boardpacket\2016\20160516\ConsentClnr\03\Item-3.docx

EXHIBIT 3-A**RESOLUTION 2016-08**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
CERTIFYING COMPLIANCE WITH STATE LAW WITH RESPECT
TO THE LEVYING OF GENERAL AND SPECIAL TAXES, ASSESSMENTS,
AND PROPERTY-RELATED FEES AND CHARGES**

WHEREAS, Monterey Peninsula Water Management District (“Public Agency”) requests that the Monterey County Auditor-Controller enter those general or special taxes, assessments, or property-related Fees or charges identified in Exhibit “A” on the tax roll for collection and distribution by the Monterey County Treasurer-Tax Collector commencing with the property tax bills for fiscal year 2016-17;

NOW, THEREFORE, BE IT RESOLVED, as follows:

1. The Public Agency hereby certifies that it has, without limitation, complied with all legal procedures and requirements necessary for the levying and imposition of the general or special taxes, assessments, or property-related fees or charges identified in Exhibit “A”, regardless of whether those procedures and requirements are set forth in the Constitution of the State of California, in State statutes, or in the applicable decisional law of the State of California.
2. The Public Agency further certifies that, except for the sole negligence or misconduct of the County of Monterey, its officers, employees, and agents, with regards to the handling of the Cd or electronic file identified as Exhibit “A”, the Public Agency shall be solely liable and responsible for defending, at its sole expense, cost, and risk, each and every action, suit, or other proceeding brought against the County of Monterey, its officers, employees, and agents for every claim, demand, or challenge to the levying or imposition of the general or special taxes, assessments, or property-related fees or charges identified in Exhibit “A” and that it shall pay or satisfy any judgment rendered against the County of Monterey, its officers, employees, and agents on every such action, suit, or other proceeding, including all claims for refunds and interest thereon, legal fees and court costs, and administrative expenses of the County of Monterey to correct the tax rolls.

On motion of Director _____, and second by Director _____, the foregoing resolution is duly adopted this 16th day of May 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 16th day of May 2016.

Witness my hand and seal of the Board of Directors this ____ day of May 2016.

David J. Stoldt,
Secretary to the Board

U:\staff\Boardpacket\2016\20160516\ConsentCldr\03\Item-3-Exh-A.docx

DRAFT

EXHIBIT "A"
TO
RESOLUTION CERTIFYING COMPLIANCE WITH STATE LAW WITH RESPECT
TO THE LEVYING OF GENERAL AND SPECIAL TAXES, ASSESSMENTS, AND
PROPERTY-RELATED FEES AND CHARGES

FISCAL YEAR 2016-17

GENERAL TAXES:

SPECIAL TAXES:

ASSESSMENTS:

PROPERTY-RELATED FEES AND CHARGES:

The annual Water Supply Charge may only be used to fund District water supply activities, including capital acquisition and operational costs for Aquifer Storage and Recovery and Groundwater Replenishment purposes, as well as studies related to projects necessary to ensure sufficient water is available for present beneficial water use.

ITEM: CONSENT CALENDAR**4. CONSIDER EXPENDITURE FOR ASSISTANCE WITH COMPLETION OF AN INSTREAM FLOW MODEL FOR THE CARMEL RIVER**

Meeting Date:	May 16, 2016	Budgeted:	Yes, partial
From:	David J. Stoldt General Manager	Program/ Line Item No.:	Augment Water Supply 1-8-1
		Account No.	35-03-7860.19
Prepared By:	Larry Hampson	Cost Estimate:	\$113,500

General Counsel Review: N/A**Committee Recommendation:** The Administrative Committee reviewed this item on May 9, 2016 and recommended approval.**CEQA Compliance:** N/A

SUMMARY: Staff proposes an amendment to an existing agreement for services with Normandeau Environmental Consultants (Normandeau) for assistance with completion of an Instream Flow Incremental Methodology (IFIM) study to address water rights issues and steelhead habitat management in the Carmel River. Normandeau would provide assistance to collect environmental data from the Carmel River and to complete a hydraulic model capable of simulating 24 miles of steelhead habitat from Highway 1 to Los Padres Dam. The project would be completed over FY 2015-16 and FY 2016-17.

RECOMMENDATION: Staff recommends approval of the expenditure of up to \$113,500 for additional assistance with completing an IFIM study to revise instream flow requirements for the Carmel River. If this item is adopted with the Consent Calendar, the FY 2015-16 budget would be amended to show an additional \$11,000 in expenditures for this project and 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 \$132,500 to a NTE of up to \$246,000. A portion of these funds (\$102,500) would be contingent upon Board of Director approval of the FY 2016-17 budget.

IMPACTS TO STAFF/RESOURCES: Funds for a portion of this project were identified in the mid-year FY 2015-16 Budget, Program Line Item 1-8-1, Other Water Supply Projects – IFIM feasibility studies. Subsequently, the Board approved additional funds. Staff had anticipated being able to complete all spring work with a combination of approved funding and in-house assistance. However, due to flow conditions, staff will have multiple, overlapping responsibilities that cannot all be completed at the same time. These include obtaining flow measurements and habitat data for the IFIM, carrying out redd surveys and fish rescue in the lower Carmel River, and operating the Sleepy Hollow Steelhead Rearing Facility.

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 river¹. At their March 21, 2016 meeting, the Board authorized an additional \$32,500 for Normandeau to collect streamflow measurements for a total Not-to-Exceed amount of \$132,500. As of the end of May, approximately \$95,500 had been expended, leaving \$38,000 in budgeted funds. Below is a table showing the remaining costs to complete the IFIM study.

Table 1 – Estimated Costs to Complete the Carmel River IFIM Study

	FY 2015-16	FY 2016-17	Total
1-D data and modeling	-	35,000	35,000
Habitat Suitability Criteria	43,040	49,600	92,640
2-D data and modeling	5,800	17,900	23,700
Sub-Total	\$ 48,840	\$ 102,500	\$ 151,340
Previously Budgeted	(38,000)		(38,000)
Total	\$ 10,840	\$ 102,500	\$ 113,340

Work to complete data collection in the lower river for establishing habitat suitability criteria and two-dimensional analysis needs to be completed no later than about mid-June 2016, when the river is expected to dry up or go below the flow threshold that data must be collected at. If flow conditions allow, MPWMD crews may assist with obtaining field data and help to lower the cost of model development.

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

U:\staff\Boardpacket\2016\20160516\ConsentClnr\04\Item-4.docx

¹ 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 between 2012 and 2015, the density of young fish in the river was not high enough to collect field data.

ITEM: CONSENT CALENDAR**5. AUTHORIZE REPRESENTATIVE TO SEASIDE GROUNDWATER BASIN WATERMASTER TO SIGN LETTER OF SUPPORT FOR MODIFICATION TO DEPARTMENT OF WATER RESOURCES BULLETIN 118 BOUNDARY TO RECOGNIZE THE ADJUDICATED SEASIDE GROUNDWATER BASIN**

Meeting Date:	May 16, 2016	Budgeted:	NA	
From:	David J. Stoldt	Program/	Seaside	Basin
	General Manager	Line Item No.:	NA	
		Account No.	NA	
Prepared By:	Joe Oliver	Cost Estimate:	NA	

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

SUMMARY: The Sustainable Groundwater Management Act (SGMA) was signed into law on September 16, 2014 and provides for local or regional management of groundwater basins with oversight from the California Department of Water Resources (DWR). In late 2015, the DWR implemented new regulations regarding basin boundary modification requests in order to correct or update basin depictions in DWR's Bulletin 118, "California's Groundwater", last updated in 2003. The Bulletin 118 description and map in the area of the Seaside Groundwater Basin is outdated and does not recognize the adjudicated Seaside Basin boundary per the adjudication decision in 2006. The Seaside Basin will be exempt from certain Groundwater Sustainability Plan (GSP) requirements under SGMA, and it is therefore important to establish this correction in DWR's planned Bulletin 118 update. The MPWMD, as an eligible agency under SGMA, has agreed to carry out the procedure for requesting a modification to the DWR Bulletin 118 description to recognize the adjudicated Seaside Groundwater Basin. As part of this process, letters of support are valued by DWR in review of the boundary requests, so such a letter was prepared for signature by the Seaside Watermaster board members at their May 4, 2016 meeting. At that meeting, Watermaster members agreed to seek approval from their respective boards (where applicable) so the support letter can be signed and sent to DWR.

RECOMMENDATION: Staff recommends that the MPWMD representative to the Seaside Basin Watermaster board be authorized to sign the support letter to recognize the adjudicated Seaside Basin boundary in DWR's next update of Bulletin 118. If this item is adopted along with the Consent Calendar, staff will process this letter and inform the Seaside Basin Watermaster so it can be sent to DWR.

EXHIBIT

None

ITEM: CONSENT CALENDAR**6. RECEIVE AND FILE DISTRICT-WIDE ANNUAL WATER DISTRIBUTION SYSTEM PRODUCTION SUMMARY REPORT FOR WATER YEAR 2015**

Meeting Date:	May 16, 2016	Budgeted:	N/A
From:	David Stoldt, General Manager	Program/ Line Item No.:	Hydrologic Monitoring N/A
Prepared By:	Thomas Lindberg	Cost Estimate:	N/A

General Counsel Approval: N/A
Committee Recommendation: N/A
CEQA Compliance: N/A

SUMMARY: Staff has prepared the draft Water Production Summary Report for Water Distribution Systems (WDSs) within the Monterey Peninsula Water Management District (District) for Water Year (WY) 2015. WY 2015 covers the 12-month period from October 1, 2014 through September 30, 2015. Preliminary computations indicate that 11,011 acre-feet (AF) of water were produced by the 148 recognized WDSs in the District during WY 2015. In general, recognized WDSs refer to systems that either: (a) have received a WDS permit, or (b) have been confirmed as a pre-existing system prior to District rules that expanded WDS permitting requirements. The California American Water (Cal-Am) main system, which is the largest WDS in the District, accounted for 9,666 AF or approximately 91% of the total production reported by WDSs in WY 2015.

RECOMMENDATION: This report is for informational purposes only. The Board should review the draft summary report and provide staff with any comments or questions. Staff will complete and file the final report, incorporating any late revisions, if this item is approved with the Consent Calendar.

BACKGROUND: All owners and operators of WDSs within the District are required to annually submit water production information to the District. In 1980, District Ordinance No. 1 defined a WDS as *works within the District used for the collection, storage, transmission, or distribution of water from the source of supply to the connection of a system providing water service to any connection including all water-gathering facilities and water-measuring devices*. Therefore, all wells within the District are considered to be WDSs. However, until the adoption of Ordinance No. 96 in 2001, only multiple-parcel WDSs were required to obtain a permit from the District. Other refinements to the Rules and Regulations governing WDSs were added with the adoption of Ordinance No. 105 in 2002; Ordinance No. 106 in 2003; Ordinance No. 118 in 2005; and Ordinance No. 122 in 2006.

One new single-parcel WDS was established in WY 2015 (Garcia) and one was amended (Oh Well). One multiple-parcel WDS (Mal Paso) was established in WY 2015, and the CAW system was amended several times (CAW/DBO Amendment, CAW/Ryan Ranch CHOMP Amendment,

CAW/Mal Paso Amendment, and the Ryan Ranch-Bishop Emergency Interconnection). All of the potable water produced by the Sand City Desalination Plant was provided to the Cal-Am main system, and that amount (245.42 AF) and is reported separately on this table. In WY 2015, no water was delivered for customer Service to the Cal-Am system from the Aquifer Storage and Recovery (ASR) project. It is also noted that the Cañada Woods Alluvial, Cañada Woods Upland and Monterra Ranch WDSs have been merged into the Cañada Woods Water Company WDS since WY 2005, although they are reported separately here to facilitate comparisons from one year to another.

Each WDS must report the amount of water produced and where required, the amount of water delivered, in addition to the number of existing and new connections served during the reporting period. The information for WY 2015 is summarized in **Exhibit 6-A**. The WDSs shown are grouped by source area. This information is also incorporated into the District-Wide Water Production Summary Report, presented as the following item of the Consent Calendar of this packet. For comparative purposes, the Annual WDS Production Summary Report for WY 2014 is provided as **Exhibit 6-B**.

Production figures for three WDSs -- Bishop, Ryan Ranch, and Hidden Hills Units -- are reported separately from the Cal-Am main system, although Cal-Am owns and operates each of these satellite units. The Ryan Ranch Unit was acquired and annexed into the Cal-Am system in November 1989. The Hidden Hills Unit, which formerly reported as the Carmel Valley Mutual Water Company, was acquired and annexed into the Cal-Am system in March 1993. The Bishop Unit, which has been operated by Cal-Am since September 1996, was acquired and annexed into the Cal-Am system in July 1999. Although water production and delivery values for the Bishop, Hidden Hills and Ryan Ranch Units are reported separately from the values for Cal-Am's main system in this report, they are included in Cal-Am's total production in the District-wide Production Summary Report (**Exhibit 7-A**) as "Cal-Am Wells Within the Water Resources System".

Three systems that are operated by the Cañada Woods Water Company (CWWC) are tracked separately in this report but are part of an interconnected system. The production shown in **Exhibit 6-A** for Monterra Ranch includes water produced from wells that was sent to the system's reverse osmosis (RO) desalination plant and un-treated water that was produced for non-potable purposes. The consumption loss for the CWWC includes water line flushing and unmetered construction and irrigation uses. Beginning in WY 2010, the system loss calculation was revised by CWWC to present a single composite system loss value.

District-wide - Total WDS production within the District for WY 2015 was 11,011 AF. Of this total, the Cal-Am main system (i.e., not including the Bishop, Hidden Hills and Ryan Ranch Units) accounted for 91% of the water produced by WDSs within the District. The other 147 systems (i.e., including the Bishop, Hidden Hills and Ryan Ranch Units) accounted for the remaining 9 percent of production. Total WDS production for WY 2015 is 868 AF (7%) less than the production reported for WY 2014. During WY 2015, Cal-Am's main system production decreased by 958 AF (9%), while reported non Cal-Am WDS production decreased by 90 AF (7%), relative to production in WY 2014.

Monterey Peninsula Water Resources System (MPWRS) - Total WDS production from the MPWRS, which includes the Carmel River and its tributaries, the Carmel Valley alluvial aquifer, the Seaside Groundwater Basin was 10,355 AF in WY 2015.

The comparisons below include production from Cal-Am's satellite systems (Bishop, Hidden Hills and Ryan Ranch Units) that derive their source of supply from the Laguna Seca Subarea (LSS) of the Seaside Groundwater Basin. The LSS was added to the MPWRS with the adoption of Ordinance No. 135 on September 22, 2008. Total WDS production within the MPWRS decreased by 1,055 AF (9%) in WY 2015 compared to production in WY 2014. In WY 2015, production by Cal-Am from within the MPWRS decreased by 991 AF (9%) and the combined production from 22 other active systems within the MPWRS decreased by 64 AF (15%), relative to production reported for WY 2014.

EXHIBITS

6-A Water Production Summary Report for Water Distribution Systems for Water Year 2015

6-B Water Production Summary Report for Water Distribution Systems for Water Year 2014

EXHIBIT 6-A

draft 5/10/2016
25

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT										
WATER DISTRIBUTION SYSTEM REPORT - WATER YEAR 2015										
SYSTEM	REPORTING METHOD	PRODUCTION (AF)	DELIVERY (AF)	UNACCOUNTED (%)	CONNECTIONS				NEW	SOURCE AREA
					ACTIVE	AVG. PROD./ CONNECTION (AF)	AVG. DEL./ CONNECTION (AF)			
CAW (CAL-AM) Main System	WM	9,665.08	8,987.40	7.0%	37,599	0.26	0.24		5	AS1-4, SCS
SEASIDE MUNI	WM	185.07	N.A.	N.A.	788	0.23	N.A.		0	SCS
MONTEREY BAY SHORES	WM	0.00	0.0	0.0%	0	0.00	0.0		0	SCS
MPWMD ASR-1	WM	0.00	N.A.	N.A.	1	0.00	N.A.		0	SCS
ABADIR (A)	WM	0.00	0.0	0.0%	0	0.00	0.00		0	AS2
ABADIR © (MANSON)	WM	0.02	N.A.	N.A.	1	0.02	N.A.		0	AS2
ANIMAL FARM	WM	1.07	N.A.	N.A.	1	1.07	N.A.		0	AS2
CARMEL VALLEY ROAD II	WM	4.13	N.A.	N.A.	4	1.03	N.A.		0	AS2
CHANEY/SCHAFFER	LU	0.38	N.A.	N.A.	2	0.19	N.A.		0	AS2
FAIR WEATHER	LU	1.26	N.A.	N.A.	2	0.63	N.A.		0	AS2
GOOD NEIGHBOR	LU	1.90	N.A.	N.A.	2	0.95	N.A.		0	AS2
JONES	LU	0.23	N.A.	N.A.	1	0.23	N.A.		0	AS2
RANCHO SAN CARLOS ROAD	WM	1.05	N.A.	N.A.	3	0.35	N.A.		0	AS3
RIVERSIDE RV PARK	WM	8.27	N.A.	N.A.	N.A.	N.A.	N.A.		0	AS3
SCHUT/JONES	LU	2.72	N.A.	N.A.	2	1.36	N.A.		0	AS3
SELLE	LU	0.58	N.A.	N.A.	2	0.29	N.A.		0	AS3
SAN MARCO	WM	3.47	N.A.	N.A.	3	1.16	N.A.		0	AS3
CANADA WOODS ALLUVIAL	WM	130.64	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		AS3
AIELLO	WM	0.28	N.A.	N.A.	1	0.28	N.A.		0	AS3
ALADWELL (ADDISON)	WM	1.81	N.A.	N.A.	2	0.91	N.A.		0	AS3
LATTA IRRIGATION (was BARDIS 2)	WM	1.44	N.A.	N.A.	1	1.44	N.A.		0	AS3
LATTA DOMESTIC (was BARDIS 2)	WM	0.10	N.A.	N.A.	1	0.10	0.00		0	AS3
ST. DUNSTAN'S	WM	0.17	N.A.	N.A.	1	0.17	N.A.		0	AS3
ALL SAINTS	WM	0.30	N.A.	N.A.	1	0.30	N.A.		0	AS3
RSCRd#3/HATTON RANCHO	WM	3.92	N.A.	N.A.	3	1.31	N.A.		0	AS3
CARMEL GREENS	WM	10.05	N.A.	N.A.	1	10.05	N.A.		0	AS4
CLARK/WELLS FARGO	WM	0.00	0.0	0.0%	0	0.00	0.00		0	AS4
MAL PASO	WM	0.00	0.0	0.0%	0	0.00	0.00		0	AS4
CACHAGUA RD. 1	WM	0.20	N.A.	N.A.	3	0.07	N.A.		0	CAC
CACHAGUA RD. 2	LU	0.92	N.A.	N.A.	9	0.10	N.A.		0	CAC
VALLEY CREEK (JENSEN) MHP	WM	11.91	N.A.	N.A.	24	0.50	N.A.		0	CAC
NASON ROAD	LU	0.00	N.A.	N.A.	4	0.00	N.A.		0	CAC
PRINCES CAMP	WM	16.20	N.A.	N.A.	50	0.32	N.A.		0	CAC
AGUA FRESCA	WM	1.65	N.A.	N.A.	2	0.83	N.A.		0	CVU
BOOTH	WM	0.54	N.A.	N.A.	1	0.54	N.A.		0	CVU
BOSSO (from LU method in 07)	WM	2.27	N.A.	N.A.	2	1.14	N.A.		0	CVU
CANADA WOODS UPLAND	WM	109.70	N.A.	N.A.	54	2.03	N.A.		1	CVU
COUNTRY CLUB ROAD	LU	1.40	N.A.	N.A.	5	0.28	N.A.		0	CVU
CHOPIN	WM	0.06	N.A.	N.A.	1	0.06	N.A.		0	CVU
DOLLASE	WM	1.94	N.A.	N.A.	4	0.49	N.A.		0	CVU
FRUMKIN	WM	0.23	N.A.	N.A.	1	0.23	N.A.		0	CVU
HYLES (RIVERA/HOMZA)	WM	0.09	N.A.	N.A.	1	0.09	N.A.		0	CVU
LOS ROBLES ROAD	WM	16.84	N.A.	N.A.	6	2.81	N.A.		0	CVU
P&M RANCH	WM	5.75	N.A.	N.A.	6	0.96	N.A.		0	CVU
PELIO	WM	12.28	N.A.	N.A.	1	N.A.	N.A.		0	CVU
RANCHO DE ROBLEDEO	WM	13.40	N.A.	N.A.	7	1.91	N.A.		0	CVU
SADDLE MOUNTAIN	WM	3.45	N.A.	N.A.	26	0.13	N.A.		0	CVU
SCHULTE ROAD	WM	2.44	N.A.	N.A.	5	0.49	N.A.		0	CVU
SLEEPY HOLLOW	WM	49.63	N.A.	N.A.	17	2.92	N.A.		0	CVU
TAO WOODS MUTUAL	WM	1.27	N.A.	N.A.	4	0.32	N.A.		0	CVU
MARCUS (TOBEY-WAGNER) WDS	WM	1.08	N.A.	N.A.	1	1.08	N.A.		0	CVU
KORSTANJE (CARDINALI) WDS	WM	0.08	N.A.	N.A.	1	0.08	N.A.		0	CVU
CASS WDS	WM	2.45	N.A.	N.A.	1	2.45	N.A.		0	CVU
FAASSE (EVANS) WDS	WM	0.00	N.A.	N.A.	0	N.A.	N.A.		0	CVU
GOODRICH-POTRERO	WM	0.00	N.A.	0.0%	0	N.A.	N.A.		0	CVU
GRANITE WDS	WM	0.20	N.A.	0.0%	1	0.20	0.00		0	CVU
GREENWALL-Kyung Cho (KING)	WM	0.00	N.A.	N.A.	0	N.A.	N.A.		0	CVU
HELENIUS (LYON) WDS	WM	0.16	N.A.	N.A.	1	0.16	N.A.		0	CVU
PAGE/BOUC WDS	WM	1.39	N.A.	N.A.	2	0.70	N.A.		0	CVU
HOLBROOK (POSPISHIL) WDS	WM	0.00	N.A.	N.A.	0	N.A.	N.A.		0	CVU
WOODS (PREW) WDS	WM	0.30	N.A.	N.A.	1	0.30	N.A.		0	CVU
R. JONES	WM	0.15	N.A.	N.A.	1	0.15	N.A.		0	CVU
LARSON	WM	0.00	0.1	0.0%	1	0.00	0.00		0	CVU
FOREMAN	WM	0.01	0.0	0.0%	1	0.01	N.A.		0	CVU
GUENTHER	WM	0.07	N.A.	N.A.	1	0.07	N.A.		0	CVU
D. GRIGGS	WM	9.01	N.A.	N.A.	1	9.01	N.A.		0	CVU
WARNER (K. GRIGGS)	WM	3.00	N.A.	N.A.	1	3.00	N.A.		0	CVU
JOHNSON	WM	0.29	N.A.	N.A.	1	0.29	N.A.		0	CVU
HAMERSLOUGH (LITT)	WM	0.00	N.A.	0.0%	1	0.00	N.A.		0	CVU
WEST	WM	1.09	N.A.	N.A.	1	1.09	N.A.		0	CVU
BENTLEY (RUSEK)	WM	0.00	0.0	0.0%	0	0.00	0.00		0	CVU
OH WELL/CAMPBELL (POOLE)	WM	0.00	0.0	0.0%	0	0.00	0.00		0	CVU
BELLAMY	WM	1.31	N.A.	N.A.	1	1.31	N.A.		0	CVU
LONG RIDGE SLCS	WM	3.49	N.A.	N.A.	123	0.03	N.A.		0	CVU
SLEEPY HOLLOW 16/COLLINS	WM	0.00	0.0	0.0%	0	0.00	N.A.		0	CVU
SLEEPY HOLLOW 17/COLLINS	WM	0.00	0.0	0.0%	0	0.00	0.00		0	CVU
SYCAMORE STABLES	WM	0.95	N.A.	0.0%	1	0.95	N.A.		0	CVU
STEMPLE	WM	0.00	N.A.	N.A.	0	0.00	N.A.		0	CVU
WHITE	WM	0.00	0.0	0.0%	0	0.00	0.00		0	CVU

EXHIBIT 6-A

draft 5/10/2016
26

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT									
WATER DISTRIBUTION SYSTEM REPORT - WATER YEAR 2015									
SYSTEM	REPORTING METHOD	PRODUCTION (AF)	DELIVERY (AF)	UNACCOUNTED (%)	CONNECTIONS				SOURCE AREA
					ACTIVE	AVG. PROD./ CONNECTION (AF)	AVG. DEL./ CONNECTION (AF)	NEW	
DALE	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
RODDICK	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
ZOLLER (OUTZEN)	WM	0.11	N.A.	N.A.	1	0.11	N.A.	0	CVU
BURLEIGH	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
QUAIL MEADOWS DR. (Mares)	WM	0.04	0.0	0.0%	1	0.00	0.00	1	CVU
GIBSON	WM	0.65	N.A.	N.A.	1	0.65	N.A.	0	CVU
ZBES (Belzberg)	WM	0.62	N.A.	N.A.	1	0.62	N.A.	0	CVU
FLANAGAN (DYER)	WM	0.50	N.A.	N.A.	1	0.50	N.A.	0	CVU
NEWSOME	WM	0.51	N.A.	N.A.	1	0.51	N.A.	0	CVU
SAXTON	WM	0.09	N.A.	N.A.	1	0.09	N.A.	0	CVU
WASHBURN	WM	0.07	N.A.	N.A.	1	N.A.	N.A.	1	CVU
DOBBAS	WM	0.03	N.A.	N.A.	1	0.03	N.A.	0	CVU
RICHES	WM	3.31	0.0	0.0%	1	0.00	N.A.	1	CVU
AMATYA	WM	0.00	0.0	0.0%	0	0.00	N.A.	0	CVU
UNITARIAN CHURCH	WM	0.11	N.A.	N.A.	2	0.06	N.A.	0	CVU
COOPER	WM	0.00	0.0	0.0%	0	0.00	N.A.	0	CVU
GARCIA	WM	0.00	0.0	0.0%	0	0.00	N.A.	0	CVU
CONDON/CHUGACH	WM	0.06	0.0	0.0%	1	0.00	0.00	1	CVU
ROBERTS	WM	2.17	N.A.	N.A.	1	2.17	N.A.	0	CVU
KAMINSKI	WM	0.23	N.A.	N.A.	1	0.23	N.A.	0	CVU
FRANKS	WM	0.77	N.A.	N.A.	1	0.77	N.A.	0	CVU
PEBKAR	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
KINOSHITA (BUCHHOLZ)	WM	0.81	N.A.	N.A.	1	0.81	N.A.	0	CVU
GARREN QUAIL MEADOWS	WM	0.20	N.A.	N.A.	1	0.20	N.A.	0	CVU
SCHWARTZ	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
SADDLE ROAD GROUP	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
218 RANCH (ZOE)	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
NIXON (FLAGLER)	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
SEPTEMBER RANCH PTNRS.	WM	36.40	N.A.	N.A.	1	36.40	N.A.	0	CVU
CAW BISHOP UNIT	WM	137.87	129.3	6.2%	401	0.34	0.32	0	LSS
CAW HIDDEN HILLS UNIT	WM	137.89	102.7	25.5%	447	0.31	0.23	0	LSS
CAW RYAN RANCH UNIT	WM	52.15	48.0	8.1%	197	0.26	0.24	2	LSS
SPCA	WM	6.04	N.A.	N.A.	2	3.02	N.A.	0	LSS
CASANOVA WDS	WM	N.R.	N.A.	N.A.	1	N.A.	N.A.	0	MIS
AGUAJITO ROAD	WM	3.67	N.A.	N.A.	4	0.92	N.A.	0	MIS
FLAGG HILL	WM	0.80	N.A.	N.A.	2	0.40	N.A.	0	MIS
HIDDEN MESA	WM	0.37	N.A.	N.A.	3	0.12	N.A.	0	MIS
MESSENGER/MELNICK	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
MONTEIRA RANCH	WM	54.72	N.A.	38.0%	118	0.46	N.A.	4	MIS
PT.LOBOS RANCH	WM	1.15	N.A.	N.A.	8	0.14	N.A.	0	MIS
RILEY RANCH	WM	1.29	N.A.	N.A.	3	0.43	N.A.	0	MIS
RANCHITOS DE AGUAJITO	WM	7.40	N.A.	N.A.	10	0.74	N.A.	0	MIS
SENA TRUST	WM	1.61	N.A.	N.A.	2	0.81	N.A.	0	MIS
TROSKY	WM	0.00	0.0	0.0%	1	0.00	0.00	0	MIS
HEAD	WM	0.01	N.A.	N.A.	1	0.01	N.A.	0	MIS
CARMEL HILL	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
COLGAC	WM	0.26	N.A.	N.A.	1	0.00	N.A.	0	MIS
KASHFI	WM	0.00	0.0	0.0%	0	N.A.	N.A.	0	MIS
SUNRISE SENIOR CENTER	WM	0.61	N.A.	N.A.	1	0.61	N.A.	0	MIS
DUNNION	WM	0.88	N.A.	N.A.	1	0.88	N.A.	0	MIS
DMC	WM	0.01	N.A.	N.A.	1	0.01	N.A.	0	MIS
MAYL (D.P. CARMEL INVESTORS)	WM	0.04	N.A.	N.A.	1	0.00	N.A.	0	MIS
LAUCH	WM	0.48	N.A.	N.A.	1	0.48	N.A.	0	MIS
THORP	WM	0.06	0.0	N.A.	1	0.06	N.A.	0	MIS
REGAN	WM	2.67	N.A.	N.A.	1	2.67	N.A.	0	MIS
CARROLL/RANCHO U	WM	0.88	N.A.	N.A.	1	N.A.	N.A.	0	MIS
LENZ-KENDALL	WM	1.26	N.A.	N.A.	1	1.26	N.A.	0	MIS
ANDERSON	WM	0.00	N.A.	N.A.	1	0.00	N.A.	0	MIS
GREEK ORTHODOX	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
STEPHEN PLACE	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
FLORES	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
PISENTI	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
ADRIAN	WM	0.48	N.A.	N.A.	1	0.48	N.A.	0	MIS
TYDINGS/Cappo	WM	0.39	N.A.	N.A.	2	0.20	N.A.	0	MIS
GOLLOGY (Garren Highlands)	WM	0.14	N.A.	N.A.	1	0.14	N.A.	0	MIS
SILVESTRI	WM	5.46	N.A.	N.A.	1	5.46	N.A.	0	MIS
VAN ESS	WM	0.04	N.A.	N.A.	1	0.04	N.A.	0	MIS
COX (HARTNETT)	WM	0.53	N.A.	N.A.	1	N.A.	N.A.	0	MIS
OCEAN VIEW CSD	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
CITY OF SAND CITY DESAL PLANT	WM	245.42	N.A.	N.A.	1	N.A.	N.A.	0	MIS
TOTALS:		11,012.40			40,035			16	

WATER DISTRIBUTION SYSTEM REPORT – WATER YEAR 2015

Notes:

1. Information shown is as provided by system owners and operators unless otherwise noted.
2. Methods for reporting production are either Land Use (LU) or Water Meter (WM).
3. The source areas are as follows:
 AS1 – Upper Carmel Valley – San Clemente Dam to Esquiline Bridge
 AS2 – Mid Carmel Valley – Esquiline Bridge to Narrows
 AS3 – Lower Carmel Valley – Narrows to Via Mallorca Bridge
 AS4 – Via Mallorca Bridge to Lagoon
 SCS – Seaside Coastal Subareas
 CAC – Cachagua
 CVU – Carmel Valley Upland
 LSS – Laguna Seca Subarea
 MIS – Peninsula, Carmel Highlands and San Jose Creek areas
4. California American Water (Cal-Am) main system production includes 2,436.8 AF from Seaside coastal wells and 7,228.2 AF from Carmel Valley wells. 416.9 AF of water produced by the former Water West wells in Water Year (WY) 2015 are included in the total for Cal-Am production from Carmel Valley. The Seaside coastal total includes 7.50 AF of water transferred to the Seaside Municipal Water System in WY 2015. The Carmel Valley well total includes 1.29 AF transferred to the Ryan Ranch Unit in 2015. 245.4 AF of potable water were produced by the City of Sand City Desalination Plant, provided to the main system, and are counted separately from Cal-Am production on this table. 215.19 AF of water were provided for injection to ASR wells in the Seaside Basin from Cal-Am wells in Carmel Valley. No water was counted as ASR recovery from Seaside coastal wells in WY 2015. No water was diverted from San Clemente Reservoir during WY 2015.
5. Cal-Am's main system deliveries total 8,978.4 AF. This total was derived as shown:

<u>Reported Cal-Am Consumption</u> <u>Water Year 2015 (AF)</u>	
City Total	6,305.11
County Total	2,671.44
subtotal	8,976.55
CV Irrigation	0.04
PB-LCP	10.81
Total	8,978.40

6. N.A. refers to data that are not available and N.R. refers to systems that did not report.
7. The Garcia Water Distribution System (WDS) was approved in WY 2014, but only added to this report in WY 2015. The Mal Paso WDS was approved in WY 2015, which also required an amendment to the CAW WDS. The CAW WDS was amended three more times in WY 2015 (Ryan Ranch-Bishop Interconnection, CHOMP Ryan Ranch amendment, and CAW/DBO amendment). The Reppy WDS consists of one well with specific limits on two separate meters, and so, it appears twice, once as "domestic" and again as "irrigation". That system and the All Saints WDS represent revisions to the previously approved and amended Bardis WDS. Also, the Monterra Ranch, Cañada Woods North (Upland) and Cañada Woods (Alluvial) WDSs were combined to form the *Cañada Woods Water Company WDS* in 2005, although they are reported separately here to facilitate historical comparisons.
8. The names of Cachagua Road #1 and #2 were switched in Reporting Year 1999 to agree with records of the Monterey County Department of Health. Older District records have the names of these two systems reversed.
9. Bishop Unit is operated by Cal-Am; acquired July 1999.
10. Rancho Fiesta has been operated by Cal-Am for over 25 years; all production and delivery is by the main Cal-Am system. Accordingly, the Rancho Fiesta system is not tracked separately in this report.

11. Hidden Hills was formerly referred to as Carmel Valley Mutual; annexed to Cal-Am in 1993.
12. The Ryan Ranch Unit is owned and operated by Cal-Am. 1.28 AF produced by wells in Cal-Am's Main System were delivered to the Ryan Ranch Unit in WY 2015 and were included with Cal-Am Main System total production.
13. Three systems that are operated by the Canada Woods Water company are tracked separately in this table but are part of an interconnected system. For the CWWC, consumption loss includes water line flushing and unmetered construction and irrigation uses. Beginning in 2010, system loss calculations were revised by CWWC to present a single composite loss value.

EXHIBIT 6-B

draft 10/2016
29

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT										
WATER DISTRIBUTION SYSTEM REPORT - WATER YEAR 2014										
SYSTEM	REPORTING METHOD	PRODUCTION (AF)	DELIVERY (AF)	UNACCOUNTED (%)	CONNECTIONS				SOURCE AREA	
					ACTIVE	AVG. PROD./ CONNECTION (AF)	AVG. DEL./ CONNECTION (AF)	NEW		
CAW (CAL-AM) Main System	WM	10,614.03	9,846.43	7.2%	37,519	0.28	0.26	5	AS1-4, SCS	
SEASIDE MUNI	WM	233.89	N.A.	N.A.	788	0.30	N.A.	0	SCS	
MONTEREY BAY SHORES	WM	0.00	0.0	0.0%	0	0.00	0.0	0	SCS	
MPWMD ASR-1	WM	0.00	N.A.	N.A.	1	0.00	N.A.	0	SCS	
ABADIR (A)	WM	0.00	0.0	0.0%	0	0.00	0.00	0	AS2	
ABADIR © (MANSON)	WM	0.40	N.A.	N.A.	1	0.40	N.A.	0	AS2	
ANIMAL FARM	WM	1.64	N.A.	N.A.	1	1.64	N.A.	0	AS2	
CARMEL VALLEY ROAD II	WM	4.41	N.A.	N.A.	4	1.10	N.A.	0	AS2	
CHANEY/SCHAFER	LU	0.38	N.A.	N.A.	2	0.19	N.A.	0	AS2	
FAIR WEATHER	LU	1.26	N.A.	N.A.	2	0.63	N.A.	0	AS2	
GOOD NEIGHBOR	LU	1.90	N.A.	N.A.	2	0.95	N.A.	0	AS2	
JONES	LU	0.23	N.A.	N.A.	1	0.23	N.A.	0	AS2	
RANCHO SAN CARLOS ROAD	WM	1.44	N.A.	N.A.	3	0.48	N.A.	0	AS3	
RIVERSIDE RV PARK	WM	0.42	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	AS3	
SCHUT/JONES	LU	2.72	N.A.	N.A.	2	1.36	N.A.	0	AS3	
SELLE	LU	0.58	N.A.	N.A.	2	0.29	N.A.	0	AS3	
SAN MARCO	WM	4.43	N.A.	N.A.	3	1.48	N.A.	0	AS3	
CANADA WOODS ALLUVIAL	WM	150.07	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	AS3	
AIELLO	WM	0.44	N.A.	N.A.	1	0.44	N.A.	0	AS3	
ALADWELL (ADDISON)	WM	1.70	N.A.	N.A.	2	0.85	N.A.	0	AS3	
REPPY IRRIGATION (was BARDIS 2)	WM	1.23	N.A.	N.A.	1	1.23	N.A.	0	AS3	
REPPY DOMESTIC (was BARDIS 2)	WM	0.11	N.A.	N.A.	1	0.11	0.00	0	AS3	
ST. DUNSTAN'S	WM	0.18	N.A.	N.A.	1	0.18	N.A.	0	AS3	
ALL SAINTS	WM	0.49	N.A.	N.A.	1	0.49	N.A.	0	AS3	
RSCRd#3/HATTON RANCHO	WM	3.95	N.A.	N.A.	3	1.32	N.A.	0	AS3	
CARMEL GREENS	WM	10.89	N.A.	N.A.	1	10.89	N.A.	0	AS4	
CLARK/WELLS FARGO	WM	0.00	0.0	0.0%	0	0.00	0.00	0	AS4	
CACHAGUA RD. 1	WM	0.20	N.A.	N.A.	3	0.07	N.A.	0	CAC	
CACHAGUA RD. 2	LU	1.75	N.A.	N.A.	9	0.19	N.A.	0	CAC	
VALLEY CREEK (JENSEN) MHP	WM	7.51	N.A.	N.A.	24	0.31	N.A.	0	CAC	
NASON ROAD	LU	0.00	N.A.	N.A.	4	0.00	N.A.	0	CAC	
PRINCES CAMP	WM	16.20	N.A.	N.A.	50	0.32	N.A.	0	CAC	
AGUA FRESCA	WM	1.63	N.A.	N.A.	2	0.82	N.A.	0	CVU	
BOOTH	WM	0.47	N.A.	N.A.	1	0.47	N.A.	0	CVU	
BOSSO (from LU method in 07)	WM	2.38	N.A.	N.A.	2	1.19	N.A.	0	CVU	
CANADA WOODS UPLAND	WM	197.55	N.A.	N.A.	48	4.12	N.A.	0	CVU	
COUNTRY CLUB ROAD	LU	1.40	N.A.	N.A.	5	0.28	N.A.	0	CVU	
CHOPIN	WM	0.06	N.A.	N.A.	1	0.06	N.A.	0	CVU	
DOLLASE	WM	1.11	N.A.	N.A.	4	0.28	N.A.	0	CVU	
FRUMKIN	WM	0.17	N.A.	N.A.	1	0.17	N.A.	0	CVU	
HYLES (RIVERA/HOMZA)	WM	0.07	N.A.	N.A.	1	0.07	N.A.	0	CVU	
LOS ROBLES ROAD	WM	22.86	N.A.	N.A.	6	3.81	N.A.	0	CVU	
P&M RANCH	WM	9.90	N.A.	N.A.	6	1.65	N.A.	0	CVU	
PELIO	WM	14.66	N.A.	N.A.	1	N.A.	N.A.	0	CVU	
RANCHO DE ROBLEDEO	WM	14.47	N.A.	N.A.	7	2.07	N.A.	0	CVU	
SADDLE MOUNTAIN	WM	3.45	N.A.	N.A.	26	0.13	N.A.	0	CVU	
SCHULTE ROAD	WM	2.66	N.A.	N.A.	5	0.53	N.A.	0	CVU	
SLEEPY HOLLOW	WM	49.51	N.A.	N.A.	17	2.91	N.A.	0	CVU	
TAO WOODS MUTUAL	WM	1.64	N.A.	N.A.	4	0.41	N.A.	0	CVU	
MARCUS (TOBEY-WAGNER) WDS	WM	0.79	N.A.	N.A.	1	0.79	N.A.	0	CVU	
CARDINALLI (KORSTANJE) WDS	WM	0.16	N.A.	N.A.	1	0.16	N.A.	0	CVU	
CASS WDS	WM	2.07	N.A.	N.A.	1	2.07	N.A.	0	CVU	
EVANS (FAASSE) WDS	WM	0.00	N.A.	N.A.	0	N.A.	N.A.	0	CVU	
GOODRICH-POTRERO	WM	0.00	N.A.	0.0%	0	N.A.	N.A.	0	CVU	
GRANITE WDS	WM	0.24	N.A.	0.0%	1	0.00	0.00	1	CVU	
GREENWALL-Kyung Cho (KING)	WM	0.00	N.A.	N.A.	0	N.A.	N.A.	0	CVU	
HELENIUS (LYON) WDS	WM	0.11	N.A.	N.A.	1	0.11	N.A.	0	CVU	
PAGE/BOUC WDS	WM	1.40	N.A.	N.A.	2	N.A.	N.A.	0	CVU	
HOLBROOK (POSPISHIL) WDS	WM	0.00	N.A.	N.A.	0	N.A.	N.A.	0	CVU	
WOODS (PREW)WDS	WM	0.46	N.A.	N.A.	1	0.46	N.A.	0	CVU	
R. JONES	WM	0.17	N.A.	N.A.	1	0.17	N.A.	0	CVU	
LARSON	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU	
FOREMAN	WM	0.01	0.0	0.0%	1	0.01	N.A.	1	CVU	
GUENTHER	WM	0.08	N.A.	N.A.	1	0.08	N.A.	0	CVU	
D. GRIGGS	WM	7.66	N.A.	N.A.	1	7.66	N.A.	0	CVU	
WARNER (K. GRIGGS)	WM	2.59	N.A.	N.A.	1	2.59	N.A.	0	CVU	
JOHNSON	WM	0.36	N.A.	N.A.	1	0.36	N.A.	0	CVU	
HAMERSLOUGH (LITT)	WM	0.00	N.A.	0.0%	1	0.00	N.A.	0	CVU	
WEST	WM	1.19	N.A.	N.A.	1	1.19	N.A.	0	CVU	
RUSEK	WM	0.00	0.0	0.0%	1	0.00	0.00	0	CVU	
OH WELL/CAMPBELL (POOLE)	WM	0.00	0.0	0.0%	1	0.00	0.00	0	CVU	
BELLAMY	WM	1.50	N.A.	N.A.	1	1.50	N.A.	0	CVU	
LONG RIDGE SLCS	WM	5.24	N.A.	N.A.	123	0.04	N.A.	0	CVU	
SLEEPY HOLLOW 16/COLLINS	WM	0.00	0.0	0.0%	0	0.00	N.A.	0	CVU	
SLEEPY HOLLOW 17/COLLINS	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU	
SYCAMORE RANCH	WM	0.33	N.A.	0.0%	1	N.A.	N.A.	1	CVU	
STEMPLE	WM	0.09	N.A.	N.A.	2	0.05	N.A.	0	CVU	
WHITE	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU	

EXHIBIT 6-B

draft 10/2016
30

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT									
WATER DISTRIBUTION SYSTEM REPORT - WATER YEAR 2014									
SYSTEM	REPORTING METHOD	PRODUCTION (AF)	DELIVERY (AF)	UNACCOUNTED (%)	CONNECTIONS				SOURCE AREA
					ACTIVE	AVG. PROD./ CONNECTION (AF)	AVG. DEL./ CONNECTION (AF)	NEW	
DALE	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
RODDICK	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
ZOLLER (OUTZEN)	WM	0.16	N.A.	N.A.	1	0.16	N.A.	1	CVU
BURLEIGH	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
QUAIL MEADOWS DR. (Mares)	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
GIBSON	WM	1.12	N.A.	N.A.	1	1.12	N.A.	0	CVU
ZBES (Belzberg)	WM	0.14	N.A.	N.A.	1	0.14	N.A.	1	CVU
FLANAGAN (DYER)	WM	0.10	N.A.	N.A.	1	0.10	N.A.	1	CVU
NEWSOME	WM	0.51	N.A.	N.A.	1	0.51	N.A.	1	CVU
SAXTON	WM	0.06	N.A.	N.A.	1	0.06	N.A.	1	CVU
WASHBURN	WM	0.00	N.A.	N.A.	0	N.A.	N.A.	0	CVU
DOBBAS	WM	0.03	N.A.	N.A.	1	0.03	N.A.	1	CVU
RICHERS	WM	0.00	0.0	0.0%	0	0.00	N.A.	0	CVU
AMATYA	WM	0.00	0.0	0.0%	0	0.00	N.A.	0	CVU
UNITARIAN CHURCH	WM	0.02	N.A.	N.A.	2	0.01	N.A.	2	CVU
COOPER	WM	0.00	0.0	0.0%	0	0.00	N.A.	0	CVU
CONDON/CHUGACH	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
ROBERTS	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
KAMINSKI	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
FRANKS	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
PEBKAR	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
BUCHHOLZ	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
GARREN QUAIL MEADOWS	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
SCHWARTZ	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
SADDLE ROAD GROUP	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
218 RANCH (ZOE)	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
FLAGLER	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
SEPTEMBER RANCH PTNRS.	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
CAW BISHOP UNIT	WM	158.42	156.8	1.0%	406	0.39	0.39	0	LSS
CAW HIDDEN HILLS UNIT	WM	148.79	133.7	10.1%	454	0.33	0.29	0	LSS
CAW RYAN RANCH UNIT	WM	54.39	49.0	9.9%	181	0.30	0.27	0	LSS
SPCA	WM	6.00	N.A.	N.A.	2	3.00	N.A.	0	LSS
CASANOVA WDS	WM	N.R.	N.A.	N.A.	1	N.A.	N.A.	0	MIS
AGUAJITO ROAD	WM	3.88	N.A.	N.A.	4	0.97	N.A.	0	MIS
FLAGG HILL	WM	1.29	N.A.	N.A.	2	0.65	N.A.	0	MIS
HIDDEN MESA	WM	0.37	N.A.	N.A.	3	0.12	N.A.	0	MIS
MESSENGER/MELNICK	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
MONTEERRA RANCH	WM	72.28	39.7	38.0%	106	0.68	0.00	0	MIS
PT.LOBOS RANCH	WM	1.67	N.A.	N.A.	8	0.21	N.A.	0	MIS
RILEY RANCH	WM	1.81	N.A.	N.A.	1	1.81	N.A.	0	MIS
RANCHITOS DE AGUAJITO	WM	6.34	N.A.	N.A.	10	0.63	N.A.	0	MIS
SENA TRUST	WM	1.74	N.A.	N.A.	2	0.87	N.A.	0	MIS
TROSKY	WM	0.01	0.0	0.0%	1	0.00	0.00	1	MIS
HEAD	WM	0.05	N.A.	N.A.	2	0.03	N.A.	0	MIS
CARMEL HILL	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
COLGAC	WM	0.17	N.A.	N.A.	1	0.00	N.A.	0	MIS
KASHFI	WM	0.00	0.0	0.0%	0	N.A.	N.A.	0	MIS
SUNRISE SENIOR CENTER	WM	0.82	N.A.	N.A.	1	0.82	N.A.	0	MIS
DUNNION	WM	2.89	N.A.	N.A.	1	2.89	N.A.	0	MIS
DMC	WM	0.00	N.A.	N.A.	1	0.00	N.A.	0	MIS
MAYL (D.P. CARMEL INVESTORS)	WM	0.04	N.A.	N.A.	1	0.00	N.A.	1	MIS
LAUCH	WM	0.42	N.A.	N.A.	1	0.42	N.A.	0	MIS
THORP	WM	0.07	0.0	0.0%	1	0.07	N.A.	0	MIS
REGAN	WM	3.11	N.A.	N.A.	1	3.11	N.A.	0	MIS
CARROLL/RANCHO U	WM	N.R.	N.A.	N.A.	1	N.A.	N.A.	0	MIS
LENZ-KENDALL	WM	1.05	N.A.	N.A.	1	1.05	N.A.	0	MIS
ANDERSON	WM	0.01	N.A.	N.A.	1	0.01	N.A.	0	MIS
GREEK ORTHODOX	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
STEPHEN PLACE	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
FLORES	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
PISENTI	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
ADRIAN	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
TYDINGS/Cappo	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
GOLLODY (Garren Highlands)	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
SILVESTRI	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
VAN ESS	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
COX (HARTNETT)	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
OCEAN VIEW CSD	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
CITY OF SAND CITY DESAL PLANT	WM	178.51	N.A.	N.A.	1	N.A.	N.A.	1	MIS
TOTALS:		11,878.65			39,918			19	

WATER DISTRIBUTION SYSTEM REPORT – WATER YEAR 2014

Notes:

1. Information shown is as provided by system owners and operators unless otherwise noted.
2. Methods for reporting production are either Land Use (LU) or Water Meter (WM).
3. The source areas are as follows:
 AS1 – Upper Carmel Valley – San Clemente Dam to Esquiline Bridge
 AS2 – Mid Carmel Valley – Esquiline Bridge to Narrows
 AS3 – Lower Carmel Valley – Narrows to Via Mallorca Bridge
 AS4 – Via Mallorca Bridge to Lagoon
 SCS – Seaside Coastal Subareas
 CAC – Cachagua
 CVU – Carmel Valley Upland
 LSS – Laguna Seca Subarea
 MIS – Peninsula, Carmel Highlands and San Jose Creek areas
4. California American Water (Cal-Am) main system production includes 2,870.5 AF from Seaside coastal wells and 7,743.5 AF from Carmel Valley wells. 33.1 AF of water produced by the former Water West wells in Water Year (WY) 2014 are included in the total for Cal-Am production from Carmel Valley. No water produced by the main system was transferred to the Seaside Municipal Water System in WY 2014. 178.5 AF of potable water were produced by the City of Sand City Desalination Plant, provided to the main system, and are counted separately from Cal-Am production on this table. No water was provided for injection to ASR Wells #1, 2 and 3 from Cal-Am wells in Carmel Valley. No water was counted as ASR recovery from Seaside coastal wells in WY 2014. No water was diverted from San Clemente Reservoir during WY 2014.
5. Cal-Am's main system deliveries total 9,847.55 AF. This total was derived as shown:

<u>Reported Cal-Am Consumption</u>	
<u>Water Year 2014 (AF)</u>	
City Total	6,889.09
County Total	2,939.70
subtotal	9,826.79
CV Irrigation	0.19
PB-LCP	12.54
subtotal	9,841.52
Transfer to Ryan Ranch	4.91
subtotal	9,846.43
Metered Non-Revenue	1.12
Total	9,847.55

6. N.A. refers to data that are not available and N.R. refers to systems that did not report.
7. The Saxton, Washburn, RSCRd #3/Hatton Rancho, Dobbas, Riches Amatya, Unitarian Church and Cooper Water Distribution Systems were added in WY 2014. The CAW WDS was amended in WY 2014 to allow for transfer of a portion of their Seaside Groundwater Basin water rights to Cypress Pacific property in Sand City. The Reppy WDS consists of one well with specific limits on two separate meters, and so, it appears twice, once as “domestic” and again as “irrigation”. That system and the All Saints WDS represent revisions to the previously approved and amended Bardis WDS. Also, the Monterra Ranch, Cañada Woods North (Upland) and Cañada Woods (Alluvial) WDSs were combined to form the *Cañada Woods Water Company WDS* in 2005, although they are reported separately here to facilitate historical comparisons.
8. The names of Cachagua Road #1 and #2 were switched in Reporting Year 1999 to agree with records of the Monterey County Department of Health. Older District records have the names of these two systems reversed.
9. Bishop Unit is operated by Cal-Am; acquired July 1999.

10. Rancho Fiesta has been operated by Cal-Am for over 25 years; all production and delivery is by the main Cal-Am system. Accordingly, the Rancho Fiesta system is not tracked separately in this report.
11. Hidden Hills was formerly referred to as Carmel Valley Mutual; annexed to Cal-Am in 1993.
12. The Ryan Ranch Unit is owned and operated by Cal-Am. 4.91 AF produced by wells in Cal-Am's Main System were delivered to the Ryan Ranch Unit in WY 2014 and were included with Cal-Am Main System total production.
13. Production from the Monterra Ranch desalination plant was 40.80 AF in WY 2014, but this production was not reported separately as it was originally produced from wells that have been accounted for. However, Monterra Ranch reported consumption (delivery) of 40.40 AF. The difference (20.93 AF) between reported production from wells (72.28 AF) and the sum of reported production through the desalination plant (40.80 AF) and brine discharge (10.55 AF) in WY 2014 represents water produced for non-potable purposes.

ITEM: CONSENT CALENDAR**7. RECEIVE AND FILE DISTRICT-WIDE ANNUAL WATER PRODUCTION SUMMARY REPORT FOR WATER YEAR 2015**

Meeting Date:	May 16, 2016	Budgeted:	N/A
From:	David Stoldt, General Manager	Program/ Line Item No.:	Hydrologic Monitoring N/A
Prepared By:	Thomas Lindberg	Cost Estimate:	N/A

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

SUMMARY: Staff has prepared a draft Water Production Summary Report of all registered production sources, i.e., wells and surface water diversions, within the Monterey Peninsula Water Management District (District) for Water Year (WY) 2015. WY 2015 covers the 12-month period from October 1, 2014 through September 30, 2015. Preliminary computations indicate that 14,231 acre-feet (AF) of groundwater were produced from registered wells in the District during WY 2015 (**Exhibit 7-A**). In addition, 69 AF of surface water were diverted by private users. Combined surface and groundwater production from all sources within the District in WY 2015 is calculated at 14,300 AF. This report presents comparisons of California American Water (Cal-Am) and non Cal-Am production in WY 2015 and WY 2014, and compares WY 2015 production with the District's current water allocation program limits.

RECOMMENDATION: This report is for informational purposes only. The Board should review the draft summary report and provide staff with any comments or questions. Staff will complete and file the final report, incorporating any late revisions, if this item is approved with the Consent Calendar.

BACKGROUND: District Rules and Regulations require well owners and operators to submit annual water production information to the District. Well production is calculated by either the Land Use or Water Meter reporting method and is described below.

Number of Wells – Presently, there are 1,241 registered wells in the District. Of this total, 824 wells are active, and 384 wells are inactive. A well is considered active if it has produced any water in the last reporting period, i.e., WY 2015. Information on the remaining 33 registered wells is not available because reporting forms were not returned by owners of those wells prior to preparation of this report.

Data Adjustments – For certain wells, staff estimated actual production to more accurately quantify water produced during WY 2015. Data adjustments were required to estimate water production from 112 wells that had either incomplete water meter records or reported water production for a period longer than the water year. Production from metered wells with

incomplete records was estimated by using generalized non Cal-Am monthly distribution factors developed by staff. In 48 cases, production records were incomplete because reported meter readings covered a period shorter than WY 2015. In 23 other cases, production records were incomplete because meters were replaced or repaired after the start of WY 2015. The application of monthly distribution factors allowed staff to reasonably account for the percentage of production that was not reported for each of these wells, which was then added to the annual total for these wells. There were 64 cases in which production was reported for a period longer than 12 months. Estimates of the amounts that were over-reported were made based on the monthly distribution factors. These amounts were then subtracted from the reported totals. There were also 12 cases where adjustments were made due to “order of magnitude issues” resulting from well owners incorrectly reading their water meters.

District-wide Production - Preliminary production values for WY 2015 are summarized by reporting method (i.e., Water Meter or Land Use), reporting status (i.e., active, inactive, or not reporting), and source area in **Exhibit 7-A**. For comparison, production values for WY 2014 are presented in **Exhibit 7-B**. The various source areas are shown in **Exhibit 7-C**. The volume of water produced from each source area is shown in **Exhibit 7-D**. The number of active non Cal-Am wells and the volume of water produced by each reporting method in WY 2015 and WY 2014 are compared in **Exhibit 7-E**.

District-wide, total water production decreased by 1,336 AF (8.5%) in WY 2015 compared to WY 2014. Specifically, groundwater withdrawals decreased by 1,170 AF (10.5%), and surface diversions increased by 44.5 AF (181%) in WY 2015. No surface water has been diverted within the Cal-Am main system since WY 2003 because of seismic safety and sedimentation concerns at San Clemente Dam and Reservoir. The San Clemente Reservoir Removal and Reroute project is underway; the dam was removed during the summer of 2015 and restoration activities continue along the newly routed streambed.

Monterey Peninsula Water Resources System (MPWRS) – The MPWRS includes surface water in the Carmel River and its tributaries, and groundwater in the Carmel Valley alluvial aquifer, coastal subareas of the Seaside Groundwater Basin, including the Laguna Seca Subarea (LSS) of the Seaside Groundwater Basin. Overall water production within the MPWRS in WY 2015 decreased by 1,327 AF (9.3%) compared to WY 2014. Specifically, Cal-Am production in WY 2015 decreased by 1,237 AF (11.2%), and non Cal-Am well production decreased by 90 AF (2.8%) relative to reported production in WY 2014. Cal-Am production from Carmel Valley decreased 769 AF (9.9%), and Cal-Am production from the Seaside Basin decreased by 467 AF (14.5%). Non Cal-Am production from Carmel Valley decreased by 358 AF (11.9%) compared to WY 2014, and non Cal-Am production from the Seaside Basin increased by 268 AF (105.7%). In WY 2015, 245 AF of potable water that was produced by the City of Sand City Desalination Plant was added to Cal-Am production because it was delivered to the Cal-Am main system.

In WY 2015, 215 AF were diverted from cal-Am well sources in Carmel Valley for injection at the Aquifer Storage and Recovery (ASR) Projects in the Seaside Basin. No recovery water was produced for Cal-Am Customer Service in WY 2015. For reference, since the District’s Seaside ASR Program began testing in WY 1998 through the end of WY 2015, a total of 4,987 AF have been injected into the Seaside Basin.

Water Allocation Program – With respect to the District’s Water Allocation Program limits, Cal-Am production from the MPWRS in WY 2015 was 9,778 AF, or 7,863 AF (44.6%) less than the Cal-Am production limit of 17,641 AF that was established with the adoption of Ordinance No. 87 in 1997. Non Cal-Am production within the MPWRS in WY 2015 was 3,176 AF, or 130 AF (4.3%) greater than the non Cal-Am production limit of 3,046 AF established by Ordinance No. 87. Combined production from Cal-Am and non Cal-Am sources within the MPWRS was 12,954 AF in WY 2015, which is 7,733 acre-feet (37.4%) less than the 20,687 acre-feet production limit set for the MPWRS as part of the District’s Water Allocation Program. Therefore, no action is necessary at this time, although staff will continue to monitor production trends within the MPWRS and District-wide. A comparison of reported water production from the MPWRS in WY 2015 relative to the District’s Water Allocation limits is presented in **Exhibit 7-F**. Prior to 2008, the LSS was not included in the MPWRS, but was added with the adoption of Ordinance 135 on September 22, 2008. However, the production limits in the District’s Allocation Program did not change.

Lastly, it should be noted that 99% of the groundwater production within the District was reported by the water meter method in WY 2015. In addition, over 95% of registered well owners in the District reported annual production for their wells in WY 2015.

EXHIBITS

- 7-A** District-wide Water Production Summary for Water Year 2014
- 7-B** District-wide Water Production Summary for Water Year 2013
- 7-C** MPWMD Water Production Source Areas
- 7-D** Water Production by Source Area for Water Year 2014
- 7-E** District-wide Production by Reporting Method for non Cal-Am Wells in WY 2014 and WY 2013
- 7-F** Comparison of Reported Production to Production Limits within the MPWRS in WY 2014

**MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
DRAFT WATER PRODUCTION SUMMARY FOR WATER YEAR 2015**

SOURCE AREAS ^{1, 2}	NON CAW (NON CAL-AM) WELLS						CAW (CAL-AM) WELLS		AQUIFER SUBUNIT TOTALS	
	WATER METER		LAND USE		SUB-TOTAL		WATER METER			
	NO. OF WELLS	PRODUCTION ³ (AF)	NO. OF WELLS	PRODUCTION (AF)	NO. OF WELLS	PRODUCTION (AF)	NO. OF WELLS	PRODUCTION (AF)	NO. OF WELLS	PRODUCTION (AF)
AS1	9	116.7	1	0.1	10	116.8	0	0.0	10	116.8
AS2	53	104.9	33	32.2	86	137.1	5	965.0	91	1,102.1
AS3	127	1,296.9	48	35.5	175	1,332.4	6	5,526.9	181	5,859.4
AS4	31	581.6	6	3.1	37	584.7	1	1,521.1	38	2,105.8
SCS	9	520.6	2	1.8	11	522.5	6	2,436.8	17	2,959.3
LSS	5	467.0	2	2.7	7	469.7	5	327.9	12	797.6
CAC	8	33.8	8	12.1	16	45.8	0	0.0	16	45.8
CVU	285	536.3	44	37.6	329	573.8	0	0.0	329	573.8
MIS	120	419.6	10	5.6	130	425.2	0	0.0	130	425.2
ACTIVE	647	4,077.3	154	130.6	801	4,208.0	23	9,777.8	824	13,985.8
INACTIVE	345		30		375		9		384	
NOT REPORTING	24		9		33		0		33	
SAND CITY DESAL							0	245.4		adjusted
METHOD TOTALS:	1,016	4,077.3	193	130.6	1,209	4,208.0	32	10,023.2	1,241	14,231.2

NOTES:

- Shaded areas indicate production within the Monterey Peninsula Water Resources System. The LSS was added to the Monterey Peninsula Water Resources System in September 2008.
- CAW - California American Water
- Source areas are as follows:
AS1 - UPPER CARMEL VALLEY - San Clemente Dam to Esquiline Bridge
AS2 - MID CARMEL VALLEY - Esquiline Bridge to Narrows
AS3 - LOWER CARMEL VALLEY - Narrows to Via Mallorca Bridge
AS4 - LOWER CARMEL VALLEY - Via Mallorca Bridge to Lagoon
SCS - SEASIDE COASTAL SUBAREAS
LSS - LAGUNA SECA SUBAREA (Ryan Ranch Area is within LSS)
CAC - CACHAGUA CREEK and UPPER WATERSHED AREAS
CVU - CARMEL VALLEY UPLAND - Hillside and Tularcitos Creek Area
MIS - PENINSULA, CARMEL HIGHLANDS AND SAN JOSE CREEK AREAS
- Any minor numerical discrepancies in addition are due to rounding.
- 215.19 AF was subtracted from CAW production in AS3 to account for water diverted to ASR wells in the Seaside Basin in WY 2015.
- This total includes 0.0 AF of ASR recovery, as no water was recovered for Customer Service in WY 2015.
- Production includes 7.50 AF to Seaside (Municipal) and 1.28 AF to Ryan Ranch from CAW Main

DISTRICT-WIDE PRODUCTION

SURFACE WATER DIVERSIONS:

CAW Diversions (San Clemente Dam):	0.0
Non Cal-Am Diversions Within MPWRS:	12.6

CAW WELLS:

⁶ SEASIDE:	2,764.7
CARMEL VALLEY:	7,013.0
Within the Water Resources System:	9,777.8
Outside the Water Resources System:	0.0
Sand City Desal	245.4
⁷ CAW TOTAL, Wells and Diversion:	10,023.2

NON CAW WELLS:

Within the Water Resources System:	3,163.2
Outside the Water Resources System:	1,044.8
Non Cal-Am Diversions Outside the MPWRS:	56.4
NON CAW TOTAL, Wells and Diversion:	4,277.0

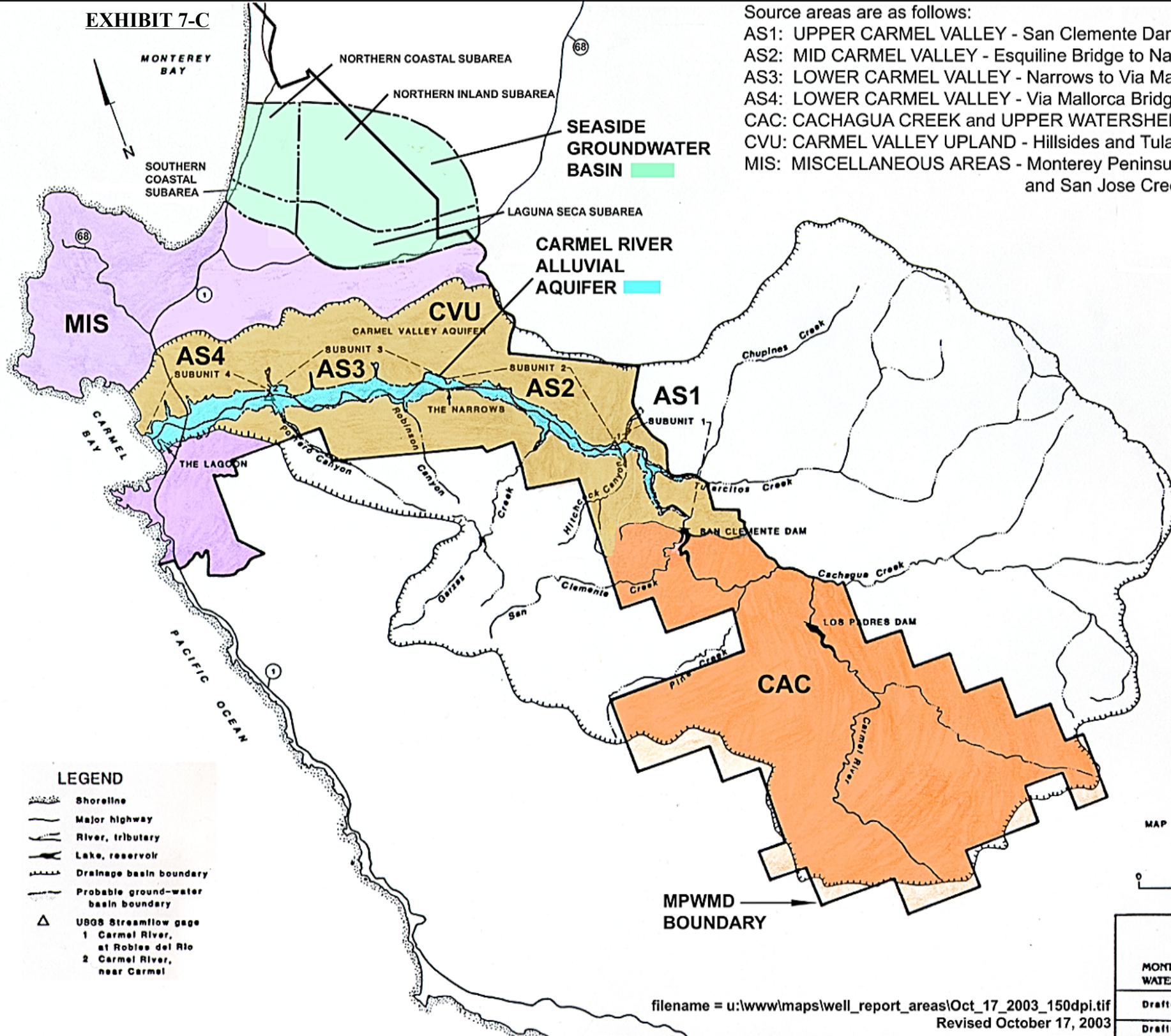
GRAND TOTAL: 14,300.2

EXHIBIT 7-B

**MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
DRAFT WATER PRODUCTION SUMMARY FOR WATER YEAR 2014**

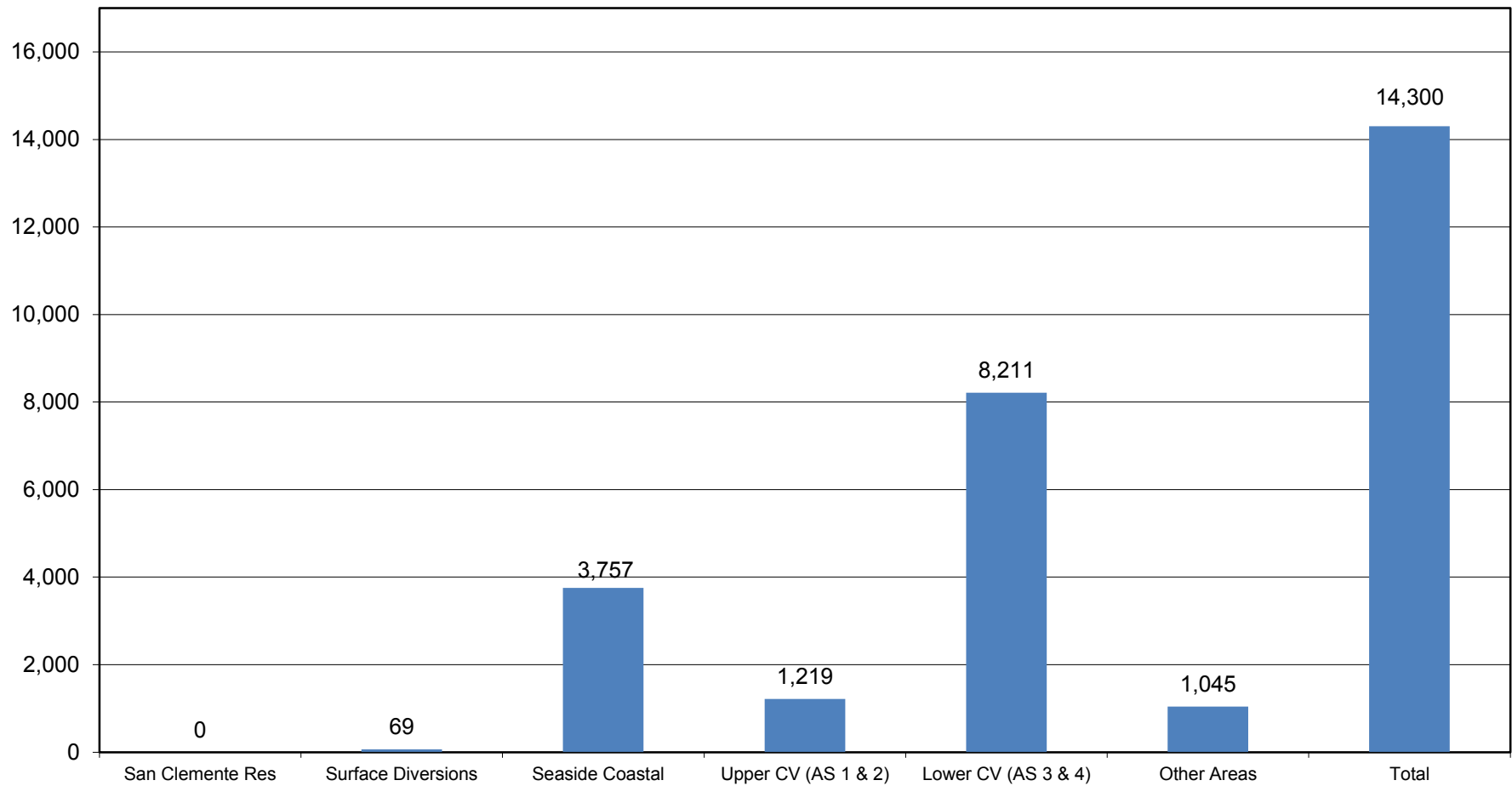
SOURCE AREAS ^{1, 2}	NON CAW (NON CAL-AM) WELLS						CAW (CAL-AM) WELLS		AQUIFER SUBUNIT TOTALS	
	WATER METER		LAND USE		SUB-TOTAL		WATER METER			
	NO. OF WELLS	PRODUCTION ³ (AF)	NO. OF WELLS	PRODUCTION (AF)	NO. OF WELLS	PRODUCTION (AF)	NO. OF WELLS	PRODUCTION (AF)	NO. OF WELLS	PRODUCTION (AF)
AS1	9	103.9	1	0.1	10	103.9	1	38.8	11	142.8
AS2	51	161.4	34	33.8	85	195.2	3	83.1	88	278.3
AS3	131	1,299.9	46	34.7	177	1,334.6	6	6,021.8	183	7,356.4
AS4	29	817.2	6	3.1	35	820.3	1	1,638.7	36	2,459.0
SCS	5	252.2	2	1.8	7	254.0	6	2,870.5	13	3,124.5
LSS	6	535.0	2	2.7	8	537.7	5	361.6	13	899.3
CAC	9	37.7	8	12.9	17	50.6	0	0.0	17	50.6
CVU	307	666.9	44	45.6	351	712.5	0	0.0	351	712.5
MIS	116	403.9	10	5.6	126	409.4	0	0.0	126	409.4
ACTIVE	663	4,278.0	153	140.4	816	4,418.3	22	11,014.5	838	15,432.8
INACTIVE	323		33		356		12		368	
NOT REPORTING	16		9		25		0		25	
SAND CITY DESAL							0	178.5		adjusted
METHOD TOTALS:	1,002	4,278.0	195	140.4	1,197	4,418.3	34	11,193.0	1,231	15,611.3
NOTES: 1. Shaded areas indicate production within the Monterey Peninsula Water Resources System. The LSS was added to the Monterey Peninsula Water Resources System in Septembter 2008. 2. CAW - California American Water 3. Source areas are as follows: AS1 - UPPER CARMEL VALLEY - San Clemente Dam to Esquiline Bridge AS2 - MID CARMEL VALLEY - Esquiline Bridge to Narrows AS3 - LOWER CARMEL VALLEY - Narrows to Via Mallorca Bridge AS4 - LOWER CARMEL VALLEY - Via Mallorca Bridge to Lagoon SCS - SEASIDE COASTAL SUBAREAS LSS - LAGUNA SECA SUBAREA (Ryan Ranch Area is within LSS) CAC - CACHAGUA CREEK and UPPER WATERSHED AREAS CVU - CARMEL VALLEY UPLAND - Hillsides and Tularcitos Creek Area MIS - PENINSULA, CARMEL HIGHLANDS AND SAN JOSE CREEK AREAS 4. Any minor numerical discrepancies in addition are due to rounding. 5. No amount of production was subtracted from CAW production in AS3 to account for water provided to ASR Water Projects (ASR Wells #1, 2 and 3) in WY 2014. 6. This total includes 131.3 AF of WY 2012 ASR injection, 294.5 AF of WY 2013 injection recovery, 217.9 AF from Pre-Permanent Water Rights recovery, and 2,700 AF of Native Groundwater production. 7. No water was provided to Seaside (Municipal) from CAW SCS.										
DISTRICT-WIDE PRODUCTION										
SURFACE WATER DIVERSIONS:										
CAW Diversions (San Clemente Dam):								0.0		
Non Cal-Am Diversions Within MPWRS:								20.1		
CAW WELLS:										
								⁶ SEASIDE:		3,232.1
								CARMEL VALLEY:		7,782.4
Within the Water Resources System:								11,014.5		
Outside the Water Resources System:								0.0		
Sand City Desal								178.5		
CAW TOTAL, Wells and Diversion:								11,193.0		
NON CAW WELLS:										
Within the Water Resources System:								3,245.8		
Outside the Water Resources System:								1,172.6		
Non Cal-Am Diversions Outside the MPWRS:								4.5		
NON CAW TOTAL, Wells and Diversion:								4,442.8		
GRAND TOTAL:								15,635.8		

EXHIBIT 7-C

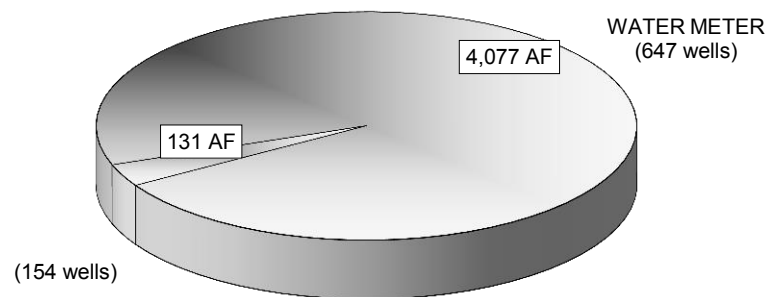


**WATER PRODUCTION BY SOURCE AREA
WATER YEAR 2015**

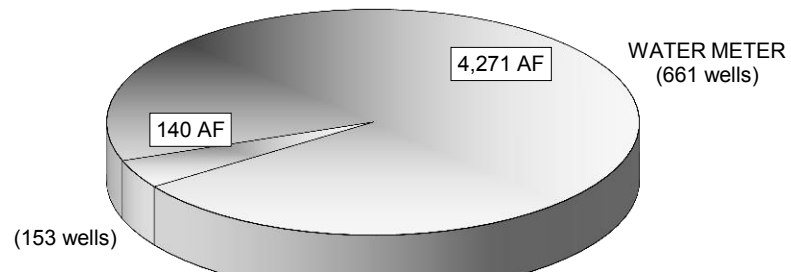
TOTAL PRODUCTION = 14,300 Acre-Feet (AF)



MONTEREY PENINSULA WATER MANAGEMENT DISTRICT

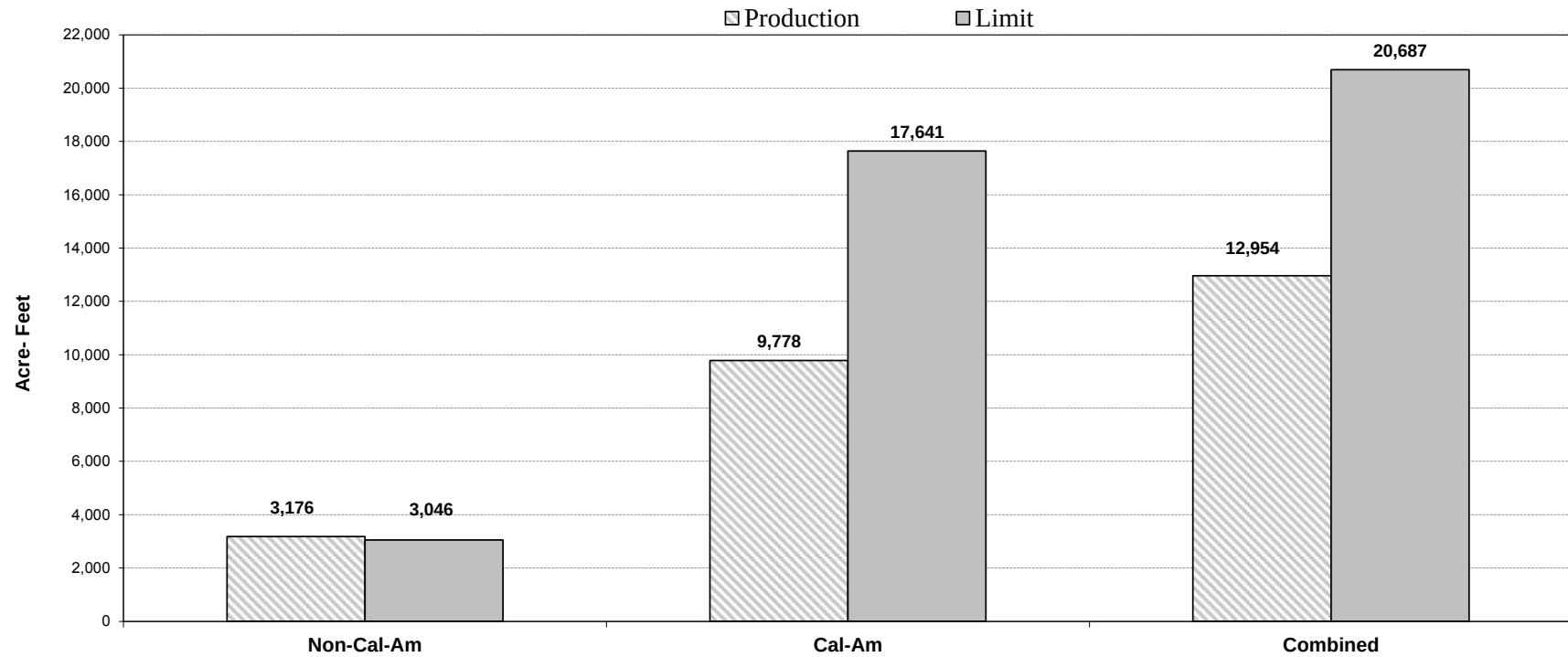
**District-Wide
Active Non Cal-Am Wells and Water Production
by Reporting Method in WY 2015**

TOTAL WY 2015 PRODUCTION = 4,208 ACRE-FEET
(not including 69 AF of reported surface water diversions)

**District-Wide
Active Non Cal-Am Wells and Water Production
by Reporting Method in WY 2014**

TOTAL WY 2014 PRODUCTION = 4,411 ACRE-FEET
(not including 25 AF of reported surface water diversions)

**Comparison of Reported Production to Allocation Limits
within the Monterey Peninsula Water Resources System
Water Year 2015**



ITEM: CONSENT CALENDAR**8. RECEIVE AND FILE 2014-2015 ANNUAL REPORT FOR THE MPWMD MITIGATION PROGRAM**

Meeting Date:	May 16, 2016	Budgeted:	N/A
From:	David J. Stoldt General Manager	Program/ Line Item No.:	N/A
Prepared By:	Jonathan Lear	Cost Estimate:	N/A

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

SUMMARY AND RECOMMENDATION: The Board should receive and review the Executive Summary for the 2014-2015 Mitigation Program Annual Report. If adopted along with the Consent Calendar, the full report will incorporate any comments if needed and be finalized so it can be distributed to interested agencies and posted to the District's website for public availability. The Executive Summary provides an overview of the major accomplishments, conclusions and/or recommendations. The Executive Summary for the 2014-2015 Mitigation Program Annual Report is attached as **Exhibit 8-A**.

The annual report primarily reviews Monterey Peninsula Water Management District (MPWMD or District) activities that address the effects of community water use on the Carmel River environment in Fiscal Year (FY) 2014-2015, defined as the 12-month period from July 1, 2014 through June 30, 2015. Please note that hydrologic data and well production reporting data are described for Water Year 2015 (October 1, 2014 through September 30, 2015). Use of the Water Year format for these data is consistent with reporting required by the State Water Resources Control Board (SWRCB) and Seaside Basin Watermaster.

This report is the 24th annual report since the Mitigation Program Plan was adopted by the District Board in November 1990, as part of the certification of the MPWMD Water Allocation Environmental Impact Report (Water Allocation EIR), in compliance with the California Environmental Quality Act (CEQA). Copies of the full annual report will be provided to the Board members upon request, and will be provided to the required resource agencies and other interested parties as needed.

BACKGROUND: On November 5, 1990, the Water Allocation EIR was certified by the MPWMD Board. The Board also adopted findings, and passed a resolution that set Option V as the new water allocation limit. Option V resulted in a production limit of 16,744 acre-feet per year (AFY) for the California American Water (Cal-Am) system. Subsequently, this amount was increased to 17,641 AFY based on new supply provided by the completion of the Paralta Well in Seaside in 1993, and other changes since 1993. On October 20, 2009, the SWRCB issued Order 2009-0060, the "Cease and Desist Order" (CDO) against Cal-Am. The CDO refers to the 1995 SWRCB Order 95-10, noting that compliance with Order 95-10 had not yet been

achieved. The CDO institutes a series of cutbacks to Cal-Am production from the Carmel River system and prohibits new or intensified connections in the Cal-Am main system. The CDO reduced the upper limit of diversion from the Carmel River previously set by Order 95-10 at 11,285 AFY to 10,429 AFY beginning in WY 2010, with additional annual reductions thereafter.

The Water Allocation EIR determined that even though Option V is the least damaging alternative of the five options analyzed, production at this level still may result in significant, adverse, environmental impacts that must be mitigated. Thus, the CEQA Findings adopted by the Board in 1990 included a "Five-Year Mitigation Program for Option V" and several general mitigation measures. The Five-Year Mitigation Program formally began in July 1991 with the new fiscal year and was slated to run until June 30, 1996. Following public hearings in May 1996 and District Board review of draft reports through September 1996, the Five-Year Evaluation Report for the 1991-1996 comprehensive program, as well as an Implementation Plan for FY 1997 through FY 2001, were finalized in October 1996. In its July 1995 Order WR 95-10, the SWRCB ordered Cal-Am to carry out any aspect of the "Five-Year Mitigation Program for Option V" that the District does not continue after June 1996. To date, as part of its annual budget approval process, the District Board has voted to continue the program. The Mitigation Program presently accounts for a significant portion of the District budget in terms of revenue and expenditures.

For projects or programs that entail significant adverse impacts, CEQA requires that an annual report be prepared documenting: (1) the actual mitigation activities that were carried out by the lead agency, and (2) the effectiveness of the mitigation activities, as measured via a monitoring program. The 2014-2015 Water Allocation Mitigation Report responds to these requirements.

The 2014-2015 report reviews District activities relating to water supply and demand, followed by mitigation measures for specific environmental impacts. It also provides a summary of costs for the Mitigation Program as well as references. For each topic, the mitigation measure adopted as part of the certified Allocation EIR is briefly described, followed by a summary of activities carried out in FY 2014-2015 that relate to the topic. Monitoring results, where applicable, are then presented. Finally, a summary of conclusions, and/or recommendations are provided, where pertinent. The annual report format has been refined from earlier years to aid the efficiency of preparing and reviewing the document.

IMPACT ON STAFF/RESOURCES:

Mitigation Program costs for FY 2014-2015 totaled approximately \$2.30 million including direct personnel expenses, operating costs, project expenditures, capital equipment, and fixed asset purchases. The annual cost of mitigation efforts varies because several mitigation measures are weather dependent. Expenditures in FY 2014-2015 were \$0.11 million less than the prior fiscal year due to decreases in Mitigation Program costs. However, the overall costs have remained fairly constant (average of \$3 million per year) for last five years. In the past, expenditures had trended upward due to expenditures for the Aquifer Storage Recovery (ASR) Project. ASR Project costs are no longer captured under Mitigation Program Costs. FY 2012-2013 expenditures were \$2.22 million; and FY 2013-2014 expenditures were \$2.41 million.

During FY 2014-2015, revenues totaled \$2.43 million including mitigation program revenues, grant receipts, investment income and miscellaneous revenues. The Mitigation Program Fund Balance as of June 30, 2015 was \$461,432.

EXHIBIT

8-A Executive Summary for 2014-2015 Annual Mitigation Report

U:\staff\Boardpacket\2016\20160516\ConsentClnr\08\Item-8.docx

EXHIBIT 8-A

2014-2015 ANNUAL REPORT

(July 1, 2014 - June 30, 2015)

MPWMD MITIGATION PROGRAM WATER ALLOCATION PROGRAM ENVIRONMENTAL IMPACT REPORT

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT

Prepared April 2016

I. EXECUTIVE SUMMARY

INTRODUCTION AND BACKGROUND:

In April 1990, the Water Allocation Program Final Environmental Impact Report (EIR) was prepared for the Monterey Peninsula Water Management District (MPWMD or District) by J.L. Mintier and Associates. The Final EIR analyzed the effects of five levels of annual California American Water (CAW or Cal-Am) production, ranging from 16,744 acre-feet per year (AFY) to 20,500 AFY. On November 5, 1990, the MPWMD Board certified the Final EIR, adopted findings, and passed a resolution that set Option V as the new water allocation limit. Option V resulted in an annual limit of 16,744 AFY for Cal-Am production, and 3,137 AFY for non-Cal-Am production, with a total allocation of 19,881 AFY for the Monterey Peninsula Water Resource System (MPWRS). The MPWRS is the integrated system of water resources from the Carmel River Alluvial Aquifer and Seaside Groundwater Basin that provide the Monterey Peninsula community's water supply via the Cal-Am water distribution network.

Even though Option V was the least damaging alternative of the five options analyzed in the Water Allocation Program EIR, production at this level still resulted in significant, adverse environmental impacts that must be mitigated. Thus, the findings adopted by the Board included a "Five-Year Mitigation Program for Option V" and associated mitigation measures.

In June 1993, Ordinance No. 70 was passed, which amended the annual Cal-Am production limit from 16,744 AF to 17,619 AF, and the non-Cal-Am limit from 3,137 AF to 3,054 AF; the total production limit was increased from 19,881 AF to 20,673 AF per year due to new supply from the Paralta Well in Seaside. In April 1996, Ordinance No. 83 slightly changed the Cal-Am and non-Cal-Am annual limits to 17,621 AF and 3,046 AF, respectively, resulting in a total limit of 20,667 AFY. In February 1997, Ordinance No. 87 was adopted to provide a special water allocation for the planned expansion of the Community Hospital of the Monterey Peninsula, resulting in a new Cal-Am production limit of 17,641 AFY; the non-Cal-Am limit of 3,046 AFY was not changed. These actions did not affect the implementation of mitigation measures adopted by the Board in 1990.

The Five-Year Mitigation Program formally began in July 1991 with the new fiscal year (FY) and was slated to run until June 30, 1996. Following public hearings in May 1996 and District Board review of draft reports through September 1996, the Five-Year Evaluation Report for the 1991-1996 comprehensive program, as well as an Implementation Plan for FY 1996-1997 through FY 2000-2001, were finalized in October 1996. In its July 1995 Order WR 95-10, the State Water Resources Control Board (SWRCB) directed Cal-Am to carry out any aspect of the Five-Year Mitigation Program that the District does not continue after June 1996. To date, as part of the annual budget approval process, the District Board has voted to continue the program. The Mitigation Program has accounted for a significant portion of the District's annual budgets in terms of revenue (derived primarily from a portion of the MPWMD user fee on the Cal-Am bill) and expenditures. It should be noted that this fee was removed from Cal-Am's bill in July 2009, resulting from actions subsequent to a California Public Utilities Commission ruling regarding a Cal-Am rate request. Cal-Am continued to pay the Carmel River Mitigation Program fee under a separate agreement with MPWMD through June 2010. The District and Cal-Am have negotiated an annual funding agreement that funded part of the 2015 mitigation program. The District's other revenue sources were used to fund the remainder of the program.

The California Environmental Quality Act (CEQA) (Pub. Res. Code 21081.6) requires that the MPWMD adopt a reporting or monitoring program to insure compliance with mitigation measures when implementing the Water Allocation Program. Findings Nos. 387 through 404 adopted by the Board on November 5, 1990 describe mitigation measures associated with the Water Allocation Program; many entail preparation of annual monitoring reports. This 2014-2015 Annual Report for the MPWMD Mitigation Program responds to these requirements. It covers the fiscal year period of July 1 through June 30. It should be noted that hydrologic data and well reporting data in this report are tabulated using the water year, defined as October 1 through September 30, in order to be consistent with the accounting period used by the SWRCB.

This 2014-2015 Annual Report first addresses general mitigation measures relating to water supply and demand (Sections II through XI), followed by monitoring related to compliance with production limits, drought reserve and supply augmentation (Sections XII through XV), followed by mitigations relating to specific environmental resources (Sections XVI through XIX). Section XX provides a summary of costs for the biological mitigation programs as well as related hydrologic monitoring, water augmentation and administrative costs. Section XXI presents selected references.

Table I-1 summarizes the mitigation measures described in this report. In subsequent chapters, for each topic, the mitigation measure adopted as part of the Final EIR is briefly described, followed by a summary of activities relating to the topic in FY 2014-2015 (July 1, 2014 through June 30, 2015, unless otherwise noted). Monitoring results, where applicable, are also presented. Tables and figures that support the text are found at the end of each section in the order they are introduced in the text.

ACCOMPLISHMENTS:

Many activities are carried out as part of the MPWMD Mitigation Program to address the environmental effects that community water use has upon the Carmel River and Seaside

Groundwater Basins. Highlights of the accomplishments in FY 2014-2015 for each major category are shown in **Table I-2**.

OBSERVED TRENDS, CONCLUSIONS AND/OR RECOMMENDATIONS:

The following paragraphs describe observed trends (primarily qualitative), conclusions and/or recommendations for the mitigation program. General conclusions are followed by a summary of selected Mitigation Program categories.

General Overview

Overall, the Carmel River environment is in better condition today than it was in 1990 when the Allocation Program EIR was prepared. This improvement is evidenced by biological/hydrologic indicators such as consistent steelhead adult spawner counts of several hundred fish in recent years as compared to zero to five fish per year when the Mitigation Program began in 1991; improved densities of juvenile steelhead in quantities that reflect a healthy seeded stream; consistently balanced bird diversity in MPWMD restoration project areas compared to control areas; fewer miles of dry river bed in summer and fall than in the past; and higher water tables in the Carmel Valley alluvial aquifer at the end of each water year.

The comprehensive MPWMD Mitigation Program is an important factor responsible for this improvement. Direct actions such as fish rescues and rearing, and riparian habitat restoration literally enable species to survive and reproduce. Indirect action such as conservation programs, water augmentation, ordinances/regulations and cooperative development of Cal-Am operation strategies result in less environmental impact from human water needs than would occur otherwise. The District's comprehensive monitoring program provides a solid scientific data baseline, and enables better understanding of the relationships between weather, hydrology, human activities and the environment. Better understanding of the MPWRS enables informed decision-making that achieves the District's mission of benefiting the community and the environment.

It is acknowledged that there are other important factors responsible for this improved situation. For example, since Water Year (WY) 1991, the Carmel River has received normal or better runoff in 16 out of 24 years. Actions by federal resource agencies under the Endangered Species Act (ESA) or the SWRCB under its Order WR 95-10 and follow-up orders have provided strong incentive for Cal-Am and other local water producers to examine and amend water production practices to the degree feasible, and for the community to reduce water use. Except for one year in 1997, the community has complied with the production limits imposed on Cal-Am by the SWRCB since Order 95-10 became effective in July 1995.

Despite these improvements, challenges still remain due to human influence on the river. The steelhead and red-legged frog remain listed as threatened species under the ESA. At least several miles of the river still dry up each year, harming habitat for listed fish and frog species. The presence of the two existing dams, flood-plain development and water diversions to meet community and local user needs continue to alter the natural dynamics of the river. Streambank restoration projects may be significantly damaged in large winter storm events, and some people

continue to illegally dump refuse into the river or alter their property without the proper permits. Thus, the Mitigation Program (or a comprehensive effort similar to it) will be needed as long as significant quantities of water are diverted from the Carmel River and people live in close proximity to it.

Water Resources Monitoring Program

Streamflow and precipitation data continue to provide a scientific basis for management of the water resources within the District. These data continue to be useful in Carmel River Basin planning studies, reservoir management operations, water supply forecast and budgeting, and defining the baseline hydrologic conditions of the Carmel River Basin. Also, the District's streamflow monitoring program continues to produce high quality and cost-effective data.

There is limited storage of surface water by dams on the Carmel River. Los Padres Reservoir, completed in 1948, holds 1,626 AF of usable storage (without flashboard), based on 2008 survey data. Usable storage in San Clemente Reservoir (SCR), completed in 1921, was essentially eliminated by order of the Department of Water Resources (DWR) due to seismic safety concerns. As an interim safety measure, which remained in effect through WY 2014, DWR seasonally required Cal-Am to lower the water level in SCR from 525 feet to 515 feet elevation, which was too low for water-supply use. Cal-Am had originally proposed a dam seismic strengthening program. State and federal environmental agencies subsequently urged Cal-Am to reconsider their position and support the dam removal and river reroute option. In July 2009, Cal-Am changed its position and endorsed the dam removal option, as memorialized in the January 2010 multi-agency collaboration statement. Subsequently, District staff participated in a technical advisory role. In 2011, Cal-Am circulated a request for bids to complete the removal of the Dam and a contractor was selected for this work in 2013. The first phase of this project began in 2013 with construction of a new access road and placement of the river diversion facilities. In 2015, activities associated with San Clemente Dam (SCD) removal continued and included creation of a subsurface cutoff wall at the upstream end of the reservoir's sediment field, construction of the re-route channel through the San Clemente Creek drainage, and removal of the Dam.

Groundwater levels, and consequently groundwater storage conditions, in the Carmel Valley Alluvial Aquifer have maintained a relatively normal pattern in recent years, in contrast to the dramatic storage declines that were observed during the prolonged 1987-1991 drought period. The relatively stable storage in the Carmel Valley alluvial aquifer in recent years is attributable to a combination of periods of more favorable hydrologic conditions and the adoption of improved water management practices that have tended to preserve higher storage conditions in the aquifer. In WY 2015, Carmel Valley alluvial aquifer storage declined slightly compared with recent years as this year was classified as "dry" and marked the fourth consecutive dry or critically dry hydrologic year.

In contrast, storage conditions in the coastal portion of the Seaside Groundwater Basin have not been stable in recent years, in particular with respect to the deeper Santa Margarita aquifer, from which over 80 percent of the Cal-Am production in the Seaside Basin is derived. This downward trend in water levels reflects the changed production operations in the Seaside Basin

stemming primarily from changed practices after SWRCB Order 95-10. The increased annual reliance on production from Cal-Am's major production wells in Seaside, along with significant increases in non-Cal-Am use, have dramatically lowered water levels in this aquifer, and seasonal recoveries have not been sufficient to reverse this trend.

To address this storage depletion trend, the District initiated efforts in the 2000-2001 timeframe to prepare a Seaside Basin Groundwater Management Plan in compliance with protocols set by the State of California (AB 3030, as amended by SB 1938). This process was superseded by litigation filed by Cal-Am in August 2003, requesting a court adjudication of water production and storage rights in the Seaside Basin. The District participated in all litigation proceedings as an intervening "interested party". The Superior Court held hearings in December 2005 and issued a final adjudication decision in March 2006, which was amended through an additional court filing in February 2007. The final decision established a new, lower "natural safe yield" for the Basin of 3,000 AFY, and an initial Basin "operating safe yield" of 5,600 AFY. Under the decision, the operating safe yield would be reduced by 10% every three years until the operating safe yield matches the natural safe yield of the Basin in 2021. The Court also created a nine-member Watermaster Board (of which the District is a member) to implement the Court's decision. With the triennial reductions in operational yield required by the Seaside Basin Adjudication Decision, water levels have not been declining as fast as previously observed.

One of the means that could potentially mitigate this observed storage depletion trend is a program that the District has been actively pursuing since 1996 -- the Seaside Basin groundwater injection program (also known as aquifer storage and recovery, or ASR). ASR entails diverting excess water flows (typically in Winter/Spring) from the Carmel Valley Alluvial Aquifer through existing Cal-Am facilities and injecting the water into the Seaside Groundwater Basin for later recovery in dry periods.

The primary goal of the MPWMD ASR Project is better management of existing water resources and production facilities to help reduce impacts to the Carmel River, especially during the dry season. The projects are viewed as being complementary to other larger, long-term water augmentation projects that are currently being pursued for the Monterey Peninsula. These projects, also known as Phase 1 and 2 ASR projects, entail a maximum diversion of 2,426 AFY, and 2,900 AFY respectively from the Carmel River for injection. The combined average yield for both projects is estimated at about 2,000 AFY. The operation of the Phase 1 and 2 ASR Projects result in reduced unauthorized pumping of the Carmel River in Summer/Fall and increased storage in the Seaside Basin, which are both considered to be environmentally beneficial.

The ASR water supply efforts in 2014-2015 included: (1) continued work with regulatory and land use agencies on expansion of the Phase 1 Santa Margarita ASR site; (2) completion of the utility water system for the Phase 2 ASR Project at the Seaside Middle School site; (3) Completion of initial injection testing of the second ASR well at the Phase 2 ASR site; (4) coordination with Cal-Am and other parties to construct the necessary infrastructure for the ASR project expansion; and (5) continued implementation of a Memorandum of Understanding (MOU) with Cal-Am on operation and maintenance at the ASR facilities.

Groundwater quality conditions in both the Carmel Valley Alluvial Aquifer and Seaside Basin have remained acceptable in terms of potential indicators of contamination from shallow sources such as septic systems. There have been no identifiable trends indicative of seawater intrusion into the principal supply sources the coastal areas of these two aquifer systems to date.

Steelhead Fishery Program

Although the Carmel River steelhead population dramatically improved after the inception of the Mitigation Program in 1990, there was a period of general decline in the adult run from 2001 to 2011. Between 1992 and 2001, the spawning population recovered from a handful of fish to levels approaching 900 adults per year as counted at SCD. Then the run experienced a six-year downward trend from 804 adults in 2001 to 222 adults in 2007, rebounding somewhat in 2008 to 412 adults. However, in 2009 and 2010, the population underwent a dramatic reduction to 95 and 157 adults, respectively. Then in 2011 and 2012, the population rebounded again with 452 and 470 adults passing over SCD, while in 2013 the number dropped to 249, well below the 1994-2013 average of 421, likely due in part to the dry year. Drought conditions worsened in 2014 and the river failed to connect to the lagoon for the first time since 1990. Despite a lack of sea-run adults in 2014, some resident adults did spawn in the upper valley as evidenced by the appearance of fry during summer rescues. Similar to the drought of the late 1980s to early 1990s, 2015 was the fourth dry year with low numbers of both adult and juvenile steelhead.

Previous redd surveys below SCD confirm that the spawning habitat in the lower river has improved considerably over the last 20 years and many adults now spawn there instead of passing the SCD fish counting station. In addition, juvenile steelhead rescued by the District from the lower river that survive to adulthood are more likely to return to the lower river to spawn rather than migrate upstream past the SCD. In 2012, the District deployed the DIDSON counting station, acquired from CDFW grant funding, in the lower river to help determine whether more adults are in fact spawning downstream of the dam.

Variability of adult steelhead counts are likely the result of a combination of controlling and limiting factors including:

- the severe four-year drought affecting the entire west coast. The drought is the primary negative factor for all steelhead life stages including adult steelhead, as migration is limited or blocked and spawning reaches dry early;
- variable lagoon conditions, caused by artificial manipulation of the sandbar and/or naturally occurring periods of low winter flows;
- adverse ocean conditions in which ocean water temperatures off the coast of California were the highest ever recorded for much of 2014-2015, likely affecting the abundance of food resources and possibly even the survival of returning steelhead;
- low densities of juvenile fish in 2004, 2007, and 2009-2011 affecting subsequent adult populations; and

- the improved spawning conditions in the lower Carmel River, encouraging fish to spawn before they reach the counter at the dam, thus lowering the count (but not the actual number of fish).

- **Juvenile Steelhead**

Long-term monitoring of the juvenile steelhead population at eleven sites along the mainstem Carmel River below LPD shows that fish density continues to be quite variable both year to year and site to site from below 0.10 fish per foot (fpf) of stream to levels frequently ranging above 1.00 fpf, values that are typical of well-stocked steelhead streams. In this 2014-2015 reporting period, the average population density was much less than the long-term average of 0.74 fpf for the Carmel River, likely due to the ongoing drought and poor habitat conditions in the lower river.

District staff believes the variability of the juvenile steelhead population in the Carmel River Basin is directly related to the following factors:

Positive Factors:

- improvements in streamflow patterns, due to favorable natural fluctuations, exemplified by relatively high base-flow conditions since 1995;
- District and SWRCB rules to actively manage the rate and distribution of groundwater extractions and direct surface diversions within the basin, coupled with changes to CAW's operations at SCD and LPD, providing increased streamflow below SCD;
- restoration and stabilization of the lower Carmel River's stream banks, providing improved riparian habitat (tree cover/shade along the stream and an increase in woody debris) while preventing erosion of silt/sand from filling gravel beds and pools;
- extensive juvenile steelhead rescues by the District over the last 25 years, now totaling 421,657 fish through 2014;
- rearing and releases of rescued fish from the SHSRF of nearly 97,300 juveniles and smolts back into the river and lagoon over the past 19 years (15 years of operation), at sizes generally larger than the river-reared fish, which in theory should enhance their ocean survival;

1)

Negative Factors:

- As noted above, the severe four-year drought affecting the entire west coast is the primary negative factor for the juvenile steelhead population as rearing habitat dries early, or doesn't exist at all, along with low flows and higher water temperatures;
- variable lagoon conditions, including highly variable water surface elevation changes

caused by mechanical breaching, chronic poor water quality (especially in the fall), and predation by birds and striped bass;

- barriers or seasonal impediments to juvenile and smolt emigration, such as the lack of juvenile passage facilities at LPD and intermittent periods of low flow below the Narrows during the normal spring emigration season;
- spring flow variability such as low-flow conditions that could dewater redds prematurely or high flows that could either deposit sediment over redds or completely wash them out;
- chronic, and occasionally acute, fall temperature and hydrogen sulfide levels below LPD, and the increase in suspended sediment from the SCD removal project;
- the potential for enhanced predation on smolts and YOY migrating through the sediment fields of LPD and SCD.

A recent challenge that may remain for some years is the potential effects of substantive physical and operational changes to SCD required by DWR/DSOD, including the process of removal of the dam. The most significant issues are the effect of released sediment from the reservoir on downstream river habitat, proper functioning of MPWMD's SHSRF, and downstream property owners (flood elevations). The three-year dam removal project began in 2013 with the removal of vegetation and rechanneling the river through the reservoir reach. Major changes include:

- lowering of the reservoir water level and changes to the release flows and water quality;
- potentially significant changes in the sediment regime in the Carmel River downstream of San Clemente as the dam removal project progresses; and
- loss of reservoir storage, which, in the past, has helped maintain adequate river flows and cooler water in the lower Carmel River.

District staff continues to provide technical expertise and scientific data to CAW engineers and environmental consultants, DWR/DSOD, CDFW, NMFS, U.S. Fish and Wildlife Service, and others involved in addressing the resource management issues associated with both LPD and the area influenced by the SCD Removal and Carmel River Reroute Project. District staff also continues to provide technical expertise and scientific data to California Department Parks and Recreation, Monterey County Water Resources Agency, Monterey County Public Works Department, California Coastal Commission, U. S. Army Corps of Engineers, Carmel Area Wastewater District, and other regulatory agencies and stakeholders involved in the management of the Carmel River, the Carmel River Lagoon and the barrier beach.

Riparian Habitat Mitigation

The Carmel River streamside corridor has stabilized in nearly all reaches that were affected by a combination of increased groundwater extraction, extreme drought and flood events occurred during the 1970s, 1980s and 1990s that impacted property owners, threatened species and

degraded riparian habitat. A complex channel has developed in the lower 16 miles of the river with improved steelhead spawning substrate, diverse habitat, and a richer riparian community. Areas with perennial or near perennial flow (upstream of Schulte Bridge) or a high groundwater table, such as downstream of Highway 1, have experienced vigorous natural recruitment in the channel bottom, which has helped to stabilize streambanks and diversify aquatic habitat. Areas that continue to be dewatered annually have somewhat less, but still significant growth.

In these areas, natural recruitment has led to vegetation encroachment that, in some areas, may constrict high flows and threaten bank stability. MPWMD continues to monitor these areas closely and to develop a management strategy to balance protection of native habitat with the need to reduce erosion potential. Environmental review of proposed projects and the process of securing permits is quite complex and requires an exhaustive review of potential impacts.

In contrast to areas with perennial flow, the recovery of streamside areas subjected to annual dewatering requires monitoring. Plant stress in the late summer and fall is evident in portions of the river that go dry. In these areas, streambanks can exhibit unstable characteristics during high flows, such as sudden bank collapse, because of the lack of healthy vegetation that would ordinarily provide stability. The ongoing drought that began with Water Year 2013 (beginning October 2012) is an ongoing concern because of the past history of channel erosion and bank instability after severe droughts in 1976-77 and 1987-1991. Impacts to streamside vegetation can manifest themselves for several years even after the end of a drought.

In addition, due to the retention of sediment in the main stem reservoirs, there is a lack of sediment delivery from the upper watershed that continues to result in channel degradation (incision of the stream into the valley floor). Thus, pools become deeper and when combined with scour along the outside of streambanks this creates “cut” banks. Although this leads to a more complex and dynamic channel, which is a desirable condition, continued degradation can result in bank collapses and trigger an episode of erosion along the river. District staff continues to document degradation in the river bed including at the Carmel Area Wastewater District pipe across the river downstream of Highway 1 and at bridge infrastructure in the active channel.

Restoration project areas sponsored by MPWMD since 1984 continue to mature and exhibit more features of relatively undisturbed reaches, such as plant diversity and vigor, complex floodplain topography, and a variety of in-channel features such as large wood, extensive vegetative cover, pools, riffles, and cut banks.

As cited in previous reports, the most significant trends continue to include the following:

- increased encroachment of vegetation into the active channel bottom that can induce debris blockage, bank erosion and increased risks during floods,
- effects to areas with groundwater extraction downstream of Schulte Road,
- channel scour due to a lack of sediment from upstream and from bank erosion,
- healthy avian species diversity, and
- maturing of previous restoration projects.

Carmel River Erosion Protection and Restoration

With the exception of the channel area between the Via Mallorca Road bridge and the Rancho San Carlos Road bridge, streambanks in the main stem appear to be relatively stable during average water years with “frequent flow” storm events (flows with a return magnitude of less than five years). The program begun by MPWMD in 1984 (and later subsumed into the Mitigation Program) to stabilize streambanks appears to be achieving the goals that were initially set out, i.e., to reduce bank erosion during high flow events up to a 10-year return flow, restore vegetation along the streamside, and improve fisheries habitat.

Consistent with previous reports, it is likely that the following trends will continue:

- State and Federal agencies consider the Carmel River watershed to be a high priority area for restoration, as evidenced by the interest in addressing water supply issues, the removal of San Clemente Dam, impacts to the Carmel Bay Area of Special Biological Significance, and management of threatened species. Stringent avoidance and mitigation requirements will continue to be placed on activities that could have negative impacts on sensitive aquatic species or their habitats.
- Activities that interrupt or curtail natural stream functions, such as lining streambanks with riprap, have come under increasing scrutiny and now require significant mitigation offsets. Approximately 35% to 40% of the streambanks downstream of Carmel Valley Village have been altered or hardened since the late 1950s. Activities that increase the amount of habitat or restore natural stream functions are more likely to be approved or funded through State and Federal grant programs.
- Additional work to add instream features (such as large logs for steelhead refuge or backwater channel areas for frogs) can restore and diversify aquatic habitat.
- Major restoration projects completed between 1987 and 1999 have had extensive and successful work to diversify plantings. However, maintenance of irrigation systems is ongoing and requires extensive work in water years classified as below normal, dry and critically dry.
- Downstream of the Robinson Canyon Road bridge, the river continues to cut into the channel bottom and form a more complex system of pools, riffles and gravel bars.

Between the mouth of the river and Robinson Canyon Road bridge, many areas of the river appear to be deeper than at any previous time since measurements have been recorded (i.e., beginning in 1978), with many reaches showing several feet of downcutting. This trend, which was identified as a concern in the 1984 Carmel River Management Program EIR, appears to have accelerated in the period from 1998 to 2015. This was a period of exceptional stability (for the Carmel River) as streambanks hardened with structural protection over the past several decades resisted erosion and the force of the river during high flows was directed into the channel bottom. This condition has resulted in the undermining of rip-rap protection and bridge infrastructure in some reaches. To assess the impact of scour and degradation in the bottom of the channel, the District budgeted funds in Fiscal Year 2014-15 and carried out a thalweg survey (survey along the bottom of the channel) along a portion of the lower river. The survey will be completed in 2015 and 2016 and will be compared to similar periodic surveys dating back to 1984.

In the spring of 2010, the Carmel Area Wastewater District (CAWD) concrete-encased pipe across the bottom of the river was exposed for the first time since it was constructed in 1973. Information from CAWD about the depth of cover in 1973 indicates that the pipe was installed with six feet of cover. In 2012, District staff measured a maximum of 4.5 feet of scour from the top of the encasement, which is approximately five feet wide and five feet high (see **Figure XVII-3**). In September 2013, District staff measured between 4.0 and 4.25 feet of scour. More recent measurements indicate the scour hole remains at about four feet; however, this may be the result of relatively low winter flows rather than a condition that is stable. In addition, the pipe encasement appears to be causing the river to create a large deep pool on the downstream side, while on the upstream side the encasement causes the river bottom to be flat and wide for an extended length. At certain low flow periods with the lagoon open, the encasement likely creates a temporary barrier to steelhead migration.

In the spring of 2011, the river migrated into the north streambank at the Rancho San Carlos Road Bridge (see **Figure XVII-4**). If no work to stabilize the streambank is carried out, it is likely that the river will continue to migrate toward homes along the north streambank.

Eventually, without corrective measures to balance the sediment load with the flow of water or to mitigate for the effect of the downcutting, streambanks will begin to collapse and the integrity of bridges and other infrastructure in the active channel of the river may be threatened.

Vegetation Restoration and Irrigation

To the maximum extent possible, MPWMD-sponsored river restoration projects incorporate a functional floodplain that is intended to be inundated in relatively frequent storm events (those expected every 1-2 years). For example, low benches at the Red Rock and All Saints Projects have served as natural recruitment areas and are currently being colonized by black cottonwoods, sycamores and willows. In addition, willow and cottonwood pole plantings in these areas were installed with a backhoe, which allows them to tap into the water table. These techniques have been successful and have reduced the need for supplemental irrigation.

Channel Vegetation Management

Another notable trend relating to the District's vegetation management program was the widening of the channel after floods in 1995 and 1998. With relatively normal years following these floods, the channel has narrowed as vegetation recruits on the channel bottom and gravel bars. Current Federal regulations such as the Endangered Species Act (ESA) "Section 4(d)" rules promulgated by NOAA Fisheries to protect steelhead significantly restrict vegetation management activities. Because of these restrictions, the District can carry out activities only on the most critical channel restrictions and erosion hazards in the lower 15 miles of the river. In the absence of high winter flows capable of scouring vegetation out of the channel bottom, encroaching vegetation may significantly restrict the channel. As vegetation in the river channel recovers from the high flows of 1995 and 1998 and matures in the channel bottom, more conflicts are likely to arise between preserving habitat and reducing the potential for property damage during high flows. MPWMD will continue to balance the need to treat erosion hazards

in the river yet maintain features that contribute to aquatic habitat quality.

Permits for Channel Restoration and Vegetation Management

In 2012, MPWMD renewed its long-term permits with the U.S. Army Corps of Engineers and the California Regional Water Quality Control Board for routine maintenance and restoration work. In 2014, the District also renewed a long-term Routine Maintenance Agreement (RMA) with the California Department of Fish and Wildlife to conduct regular maintenance and restoration activities in the Carmel River.

Monitoring Program

Vegetative moisture stress fluctuates depending on the rainfall, proximate stream flow, depth to groundwater, and average daily temperatures, and tends to be much lower in above-normal rainfall years. Typical trends for a single season start with little to no vegetative moisture stress in the spring, when the soil is moist and the river is flowing. As the river begins to dry up in lower Carmel Valley (normally around June) and temperatures begin to increase, an overall increase in vegetative moisture stress occurs. For much of the riparian corridor in the lower seven miles of the Carmel River, this stress has been mitigated by supplemental irrigation, thereby preventing the die off of large areas of riparian habitat. However, many recruiting trees experience high levels of stress or mortality in areas difficult to irrigate. Riparian vegetation exposed to rapid or substantial lowering of groundwater levels (i.e., below the root zones of the plants) will continue to require monitoring and irrigation during the dry season.

With respect to riparian songbird diversity, populations dropped after major floods in 1995 and 1998 because of the loss of streamside habitat. Since 1998, species diversity recovered and now fluctuates depending on habitat conditions. Values indicate that the District mitigation program is preserving and improving riparian habitat.

Strategies for the future

A comprehensive long-term solution to overall environmental degradation requires a significant increase in dry-season water flows in the lower river, a reversal of the incision process, and reestablishment of a natural meander pattern. Of these, MPWMD has made progress on increasing summer low flows and groundwater levels by aggressively pursuing a water conservation program, implementing the first and second phases of the Seaside Groundwater Basin Aquifer Storage and Recovery Project, and recommending an increase in summer releases from Los Padres Reservoir.

Reversal, or at least a slowing, of channel incision may be possible if the supply of sediment is brought into better balance with the sediment transport forces. Additional sediment from the tributary watersheds between San Clemente Dam and Los Padres Dam may pass into the lower river in the foreseeable future now that San Clemente Dam has been removed. However, any increase in the sediment supply may not reach the lowest portion of the river for many years.

In January 2009, CAW agreed to proceed with the removal of San Clemente Dam and reroute of the Carmel River main stem around the sediment field. MPWMD supported this dam removal and re-route project proposed by the California Coastal Conservancy. The project began in the summer of 2013 and construction activities continued through 2015. In addition to a significant improvement in fish passage, removal of San Clemente Dam will likely reduce the time it takes for sand and gravel from the upper watershed to move through the river bottom and replenish the Carmel River State Beach at the mouth of the river.

Over the long term, an increase in sediment supply could help reduce streambank instability and erosion threats to public and private infrastructure. However, reestablishing a natural supply of sediment and restoring the natural river meander pattern through the lower 15.5 miles of the Carmel Valley presents significant political, environmental, and fiscal challenges, and is not currently being considered as part of the Mitigation Program.

Integrated Regional Water Management (IRWM) Grant Program

The IRWM program promoted by the California DWR encourages planning and management of water resources on a regional scale and promotes projects that incorporate multiple objectives and strategies. In addition, the IRWM process brings stakeholders together and encourages cooperation among agencies in developing mutually beneficial solutions to resource problems.

In November 2007, the District adopted the final IRWM Plan for a region encompassing Monterey Peninsula areas within the District boundary, the area in the Carmel River watershed outside of the MPWMD boundary, Carmel Bay and the Southern Monterey Bay. The IRWM Plan combines strategies to improve and manage potable water supply, water conservation, stormwater runoff, floodwaters, wastewater, water recycling, habitat for wildlife, and public recreation.

Subsequently, MPWMD was successful in 2011 in obtaining a \$995,000 grant from the DWR to update the IRWM Plan to Proposition 84 standards. The IRWM Plan combines strategies to improve and manage potable water supply, water conservation, stormwater runoff, floodwaters, wastewater, water recycling, habitat for wildlife, and public recreation. In FY 2011-2012, MPWMD entered into a grant agreement with DWR and initiated work on 10 planning projects, including an update to the 2007 plan and several planning projects to benefit local jurisdictions. During FY 2012-2013, additional agreements were signed to work on all 10 planning projects. During FY 2013-14, the IRWM Plan was updated and adopted by the MPWMD Board and the other nine planning projects were completed. In FY 2014-2015, final reports for the projects were completed. The total cost of the project, including local agency match, was about \$1.6 million. A final report on the grant was completed in FY 2015-2016.

Funding from the IRWM grant program and other programs requiring an adopted IRWM Plan could provide the incentive to undertake a set of projects that would continue to improve the Carmel River environment and engage a larger number of organizations in helping to develop and implement a comprehensive solution to water resource problems in the planning region.

More information about the IRWM Plan and the group of stakeholders in the planning region can be found at the following web site:

<http://www.mpirwm.org>

Carmel River Lagoon Habitat

The District continues to support and encourage the ongoing habitat restoration efforts in the wetlands and riparian areas surrounding the Carmel River Lagoon. These efforts are consistent with goals that were identified in the Carmel River Lagoon Enhancement Plan, which was partially funded by the District. The District continues to work with various agencies and landowners to implement ongoing restoration of the Odello West property and future restoration of the Odello East property across the highway. Because of the restoration activities on the south side of the lagoon, the District has concentrated its monitoring efforts on the relatively undisturbed north side. Staff also continues to meet and discuss with other agencies the ongoing use of an existing CDPR agricultural well.

The District expanded its long-term monitoring around the lagoon in 1995 in an attempt to determine if the reduction in freshwater flows due to groundwater pumping upstream might change the size or ecological character of the wetlands. Demonstrable changes have not been identified. Because of the complexity of the estuarine system, a variety of parameters are monitored, including vegetative cover in transects and quadrats, water conductivity, and hydrology. It is notable that due to the number of factors affecting this system, it would be premature to attribute any observed changes solely to groundwater pumping. During the 21-year period to date, for example, there have been two **Extremely Wet** (1995 and 1998), two **Wet** (2005, 2006), five **Above Normal** (1996, 1997, 2000, 2010 and 2011), five **Normal** (1999, 2001, 2003, 2008 and 2009), three **Dry** (2012, 2013 and 2015), and two **Critically Dry** (2007 and 2014) Water Year types in terms of total annual runoff. Thus, the hydrology of the watershed has been wetter than average 45% of the time, and at least normal or better 70% of the time during that period. However, monitoring in 2014 occurred during a Critically Dry Water Year that followed two consecutive Dry Water Years, and 2015 was the first time a fourth year of drought was ever monitored. Other natural factors that affect the wetlands include introduction of salt water into the system as waves overtop the sandbar in autumn and winter, tidal fluctuations, and long-term global climatic change. When the District initiated the long-term lagoon monitoring component of the Mitigation Program, it was with the understanding that it would be necessary to gather data for an extended period in order to draw conclusions about well production drawdown effects on wetland dynamics. It is recommended that the current vegetation, conductivity, topographical and wildlife monitoring be continued in order to provide a robust data set for continued analysis of potential changes around the lagoon. The District has also budgeted to reactivate the CDPR lagoon water-quality profiler that has been out of service for four years, under an interagency MOU. Continuous data at the CAWD pipe site should begin to be acquired again during the next RY.

Lagoon bathymetric cross sectional surveys, initially conducted in 1988, have been completed annually during the dry season since 1994. These data are useful in assessing changes in the sand supply within the main body of the lagoon and are necessary to answer to questions

concerning whether or not the lagoon is filling up with sand, thus losing valuable habitat. As indicated in the survey plots, the sandy bed of the lagoon can vary significantly from year to year. In general, no major trends indicating sand accumulation or depletion at the lagoon cross sections have been identified based on available data, with the exception of the upstream-most cross section (XS) 4, which exhibits an overall loss in sand volume over the 1994-2013 period. The sand loss or down-cutting observed at XS 4 is consistent with the pervasive down-cutting that has occurred along the thalweg of the Lower Carmel River (LCR) upstream of the Highway 1 Bridge for several miles. The trend of LCR streambed scour appears to have begun in Water Year 2006. In addition, now that annual cross-sectional data have been collected in two Critically Dry years (WY 2007 and 2014) and two Dry years (WY 2012 and 2013), it is concluded that substrate elevations at the cross sections generally do not change in these low-flow years, despite the regular occurrence of major lagoon mouth breaches in all of these years, except WY 2014. Accordingly, the multi-year cross-sectional data set (21 years) indicates quantity of streamflow as the primary factor that controls substrate changes at the key cross sections.

Program Costs

Mitigation Program costs for FY 2014-2015 totaled approximately \$2.30 million including direct personnel expenses, operating costs, project expenditures, capital equipment, and fixed asset purchases. The annual cost of mitigation efforts varies because several mitigation measures are weather dependent. Expenditures in FY 2014-2015 were \$0.11 million less than the prior fiscal year due to decreases in Mitigation Program costs. However, the overall costs have remained fairly constant (average of \$3 million per year) for last five years. In the past, expenditures had trended upward due to expenditures for the Aquifer Storage Recovery (ASR) Project. ASR Project costs are no longer captured under Mitigation Program Costs. FY 2012-2013 expenditures were \$2.22 million; and FY 2013-2014 expenditures were \$2.41 million.

During FY 2014-2015, revenues totaled \$2.43 million including mitigation program revenues, grant receipts, investment income and miscellaneous revenues. The Mitigation Program Fund Balance as of June 30, 2015 was \$461,432.

Table I-1

SUMMARY OF COMPONENTS OF MPWMD MITIGATION PROGRAM
July 1, 2014 - June 30, 2015

WATER MANAGEMENT

- Monitor Water Resources
- Manage Water Production
- Manage Water Demand
- Monitor Water Usage
- Augment Water Supply
- Allocation of New Supply
- Determine Drought Reserve

STEELHEAD FISHERY

- Capture/Transport Emigrating Smolts in Spring
 - Smolt rescues
 - Build acclimation facility/tagging study
- Prevent Stranding of Fall/Winter Juvenile Migrants
 - Juvenile rescues
 - Build mid-Valley holding facility
- Rescue Juveniles Downstream of Robles del Rio in Summer
- Operate Sleepy Hollow holding/rearing facility
- Modify Spillway/Transport Smolts Around Los Padres Dam
- Monitoring Activities for Mitigation Plan
 - Adult counts at San Clemente Dam
 - Juvenile population surveys
- Other Activities not required by Mitigation Plan
 - Spawning habitat restoration
 - Fish planting (steelhead broodstock program)
 - Coastal Salmon Recovery Program grant (began mid-2001)
 - Modify critical riffles

RIPARIAN VEGETATION AND WILDLIFE

- Conservation and Water Distribution Management
- Prepare/Oversee Riparian Corridor Management Plan
- Implement Riparian Corridor Management Program
 - Cal-Am well irrigation (4 wells)
 - Channel clearing
 - Vegetation monitoring
 - Track and pursue violations
 - River Care Guide booklet
 - CRMP Erosion Protection Program

LAGOON VEGETATION AND WILDLIFE

- Assist with Lagoon Enhancement Plan Investigations (See Note 1)
- Expand Long-Term Lagoon Monitoring Program
 - Water quality/quantity
 - Vegetation/soils
- Identify Alternatives to Maintain Lagoon Volume

AESTHETICS

- Restore Riparian Vegetation (see above)

Note 1: Mitigation measures are dependent on implementation of the Lagoon Enhancement Plan by the California Department of Parks and Recreation, the land owner and CEQA lead agency. Portions of the Enhancement Plan have been implemented by CalTrans as part of a “mitigation banking” project.

DRAFT **Table I-2**
Summary of MPWMD Mitigation Program Accomplishments: 2014-2015 Report

MITIGATION ACTION	MAJOR ACCOMPLISHMENTS
Monitor Water Resources	Regularly tracked precipitation, streamflow, surface and groundwater levels and quality, and lagoon characteristics between Los Padres Dam and the Carmel River Lagoon, using real-time methods at numerous data collection stations. Maintained extensive monitoring network, and continuous streamflow recorders below San Clemente Dam and other sites.
Manage Water Production	Developed and implemented multi-agency Memorandum of Agreement and quarterly water supply strategies based on normal-year conditions; worked cooperatively with resource agencies implementing the federal Endangered Species Act. Implemented ordinances that regulate wells and water distribution systems.
Manage Water Demand	A total of 2,101 conservation inspections were conducted in FY 2014-2015. An estimated 15.671 acre-feet (AF) of water were saved by new retrofits verified this year in these two categories. For FY 2014-2015, a total of 955 applications for rebates were received, 760 applications were approved with the use of the rebate refund, as described in Section VIII. As of June 30, 2015, a total of 90.764 AF of water remained available in the areas served by CAW, as described in Section IX. This includes water from pre- and post-Paralta Allocations and water added to a Jurisdiction's Allocation from Water Use Credit transfers and public retrofits.
Monitor Water Usage	Complied with SWRCB Order 95-10 for Water Year 2015.
Augment Water Supply	Long-term efforts to augment supply included: (1) Continued participation in the CPUC rate hearing process to review elements of the Monterey Peninsula Water Supply Project (MPWSP); (2) Participated in meetings intended to resolve concerns about MPWSP construction, operations, financing, management and oversight; (3) Participated on Technical Advisory Committee to the Monterey Peninsula Regional Water Authority; (4) Operated Aquifer Storage and Recovery (ASR) Phase 1 and 2 projects in WY 2015; (5) performed preliminary injection test on second ASR Phase 2 injection well Seaside Middle School site; (6) Held regular coordination meetings with Cal-Am regarding planned infrastructure upgrades to deliver water supply to the ASR project wells at full capacity; (7)

MITIGATION ACTION	MAJOR ACCOMPLISHMENTS
	Conducted additional work related to alternative desalination plant sites; (9) Provided technical support to the Monterey Regional Water Pollution Control Agency (MRWPCA) for the Groundwater Replenishment Project (GRP) and received presentations by MRWPCA; (10) Participated in CPUC hearing process on Cal-Am related rate requests. Other ongoing activities included: (1) Served as member of both the Seaside Basin Watermaster Board and as the Technical Advisory Committee; (2) Delivered several database products to the Watermaster and its consultants under the District's contract for the required Seaside Basin Monitoring and Management Plan; (3) Continued participation in a technical role regarding removal of San Clemente Dam and associated sediment management.
Allocate New Supply	Remained within Water Allocation Program limits.
Determine Drought Reserve	Rationing was not required due to maintenance of adequate storage reserve.
Steelhead Fishery Program	The surface flow of the Carmel River never reached the Highway 1 Bridge in 2014, but a pulse of water in early March brought fish to the river front near the Rancho Cañada well. Due to the depleted aquifer, the river began to rapidly retreat, stranding fish. In response to this event, District staff began full-scale rescues on March 3, 2014. Over an eight-month period, March 3 – October 20, 2014 (plus one additional day in November for a single trapped fish), rescue activities covered 7.7 river miles between two reaches: (1) Rancho Cañada Well (River Mile [RM] 3.13) to Robinson Canyon Bridge (RM 8.5), and (2) Garzas Well (RM 12.1) to Rosie's (Esquiline) Bridge (RM 14.4). During this period staff completed 96 rescue days, yielding a total of 2,947 steelhead, including: 596 YOY, 2,341 yearlings (1+), 8 resident adults (non-ocean-run) and 2 mortalities (0.07%). This rescue total translates to 384 fish-per-mile (fpm) or 0.07 fish-per-lineal-foot (fpf). Since 1989, District staff has rescued 421,657 steelhead from drying reaches in the mainstem Carmel River. Compared to previous rescue seasons, the rescue total in the 2014 dry season was only 18% of the 1989-2014 average of 16,218 fish rescued, as described in Section XVI.
Riparian Habitat Program	Continued revegetation efforts at exposed banks with little or no vegetation located between Via Mallorca and Esquiline Roads; Contracted to collect channel profile data and limited cross

MITIGATION ACTION	MAJOR ACCOMPLISHMENTS
	section data from the Carmel River for use in maintaining a long-term record and comparing to the past and future data; Made public presentations showing MPWMD-sponsored restoration work over the past 24 years; Continued long-term monitoring of physical and biological processes along the river in order to evaluate the District's river management activities; Continued the annual inspections of the Carmel River from the upstream end of the lagoon to Camp Steffani; Walked the entire river to observe and record erosion damage, conditions that could cause erosion, riparian ordinance infractions, and the overall condition of the riparian corridor; Continued enforcement actions to address serious violations of District riparian ordinances; Carried out vegetation management activities; Developed an Integrated Regional Water Management Plan; Operated under Routine Maintenance Agreement with CDFW for MPWMD vegetation maintenance activities.
Lagoon Habitat Program	Provided technical expertise and data to multi-agency sponsors of lagoon restoration program; assisted Carmel Area Wastewater District to evaluate possible Lagoon augmentation with recycled water; facilitated Carmel River Lagoon Technical Advisory Committee meetings; pursued funding for the April 2007 <i>Final Study Plan for the Long-Term Adaptive Management of the Carmel River State Beach and Lagoon</i>; continued vegetation habitat monitoring; surveyed and analyzed four bathymetric transects; participated in interagency meetings regarding management of lagoon in winter storm events (see also steelhead efforts that benefit lagoon); conducted topographic, hydrology and wildlife surveys.
Aesthetic Measures	See Riparian Habitat Program measures in Section XVII.

ITEM: CONSENT CALENDAR

9. CONSIDER ADOPTION OF TREASURER’S REPORT FOR MARCH 2016

Meeting Date: May 16, 2016 **Budgeted:** N/A

From:	David J. Stoldt,	Program/	N/A
	General Manager	Line Item No.:	

Prepared By: Suresh Prasad **Cost Estimate:** N/A

General Counsel Review: N/A

Committee Recommendation: The Administrative Committee considered this item on May 9, 2016 and recommended approval.

CEQA Compliance: N/A

SUMMARY: **Exhibit 9-A** comprises the Treasurer’s Report for March 2016. **Exhibit 9-B, Exhibit 9-C** and **Exhibit 9-D** are listings of check disbursements for the period March 1-31, 2016. Check Nos. 24987 through 25419, the direct deposits of employee’s paychecks, payroll tax deposits, and bank charges resulted in total disbursements for the period in the amount of \$852,606.36. That amount included \$84,572.87 for conservation rebates. **Exhibit 9-E** reflects the unaudited version of the financial statements for the month ending March 31, 2016.

RECOMMENDATION: District staff recommends adoption of the March 2016 Treasurer’s Report and financial statements, and ratification of the disbursements made during the month. The Administrative Committee reviewed this item at its May 9, 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

**MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
TREASURER'S REPORT FOR MARCH 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	(\$27,352.29)	\$608,016.46	\$1,896,918.00	\$2,005,661.64	4,483,243.81	\$194,089.66
Transfer to/from LAIF					0.00	
Fee Deposits		238,077.03			238,077.03	260,902.53
Interest		5.83		3,706.11	3,711.94	5.69
Transfer-Money Market to Checking	\$825,172.56	(825,172.56)			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	(440,000.00)
Voided Cks					0.00	
Bank Corrections/Reversals/Errors					0.00	
Bank Charges/Rtn'd Deposits/Other	(\$320.99)	(28.80)			(349.79)	(30.00)
Payroll Tax Deposits	(26,667.76)				(26,667.76)	
Payroll Checks/Direct Deposits	(125,446.79)				(125,446.79)	
General Checks	(700,170.82)				(700,170.82)	
Bank Draft Payments					0.00	
Ending Balance	(\$54,786.09)	\$20,897.96	\$1,896,918.00	\$2,009,367.75	\$3,872,397.62	\$14,967.88

Check Report

By Check Number

Date Range: 03/01/2016 - 03/31/2016



Monterey Peninsula Water Management Dist

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Bank Code: APBNK	-Bank of America Checking					
06009	yourservicesolution.com	03/22/2016	Regular	0.00	-478.00	24215
00254	MoCo Recorder	03/09/2016	Regular	0.00	-29.00	24668
00254	MoCo Recorder	03/09/2016	Regular	0.00	-29.00	24719
00259	Marina Coast Water District	03/02/2016	Regular	0.00	-811.20	24735
00282	PG&E	03/03/2016	Regular	0.00	-551.45	24741
00254	MoCo Recorder	03/02/2016	Regular	0.00	61.00	24990
00254	MoCo Recorder	03/02/2016	Regular	0.00	47.00	24991
00254	MoCo Recorder	03/02/2016	Regular	0.00	29.00	24992
00254	MoCo Recorder	03/02/2016	Regular	0.00	29.00	24993
00254	MoCo Recorder	03/02/2016	Regular	0.00	61.00	24994
00254	MoCo Recorder	03/02/2016	Regular	0.00	32.00	24995
00254	MoCo Recorder	03/02/2016	Regular	0.00	61.00	24996
00767	AFLAC	03/04/2016	Regular	0.00	1,289.16	24997
01188	Alhambra	03/04/2016	Regular	0.00	118.26	24998
00983	Beverly Chaney	03/04/2016	Regular	0.00	503.84	24999
00252	Cal-Am Water	03/04/2016	Regular	0.00	93.41	25000
00243	CalPers Long Term Care Program	03/04/2016	Regular	0.00	40.56	25001
08926	Capitol Enquiry	03/04/2016	Regular	0.00	40.45	25002
00237	Chevron	03/04/2016	Regular	0.00	299.69	25003
00230	Cisco WebEx, LLC	03/04/2016	Regular	0.00	214.20	25004
11224	Copy King	03/04/2016	Regular	0.00	151.55	25005
07632	Debra Martin	03/04/2016	Regular	0.00	510.90	25006
00267	Employment Development Dept.	03/04/2016	Regular	0.00	3,902.95	25007
00267	Employment Development Dept.	03/04/2016	Regular	0.00	3,907.14	25008
07624	Franchise Tax Board	03/04/2016	Regular	0.00	85.99	25009
07624	Franchise Tax Board	03/04/2016	Regular	0.00	35.00	25010
07624	Franchise Tax Board	03/04/2016	Regular	0.00	85.98	25011
07624	Franchise Tax Board	03/04/2016	Regular	0.00	35.00	25012
00285	Gabby Ayala	03/04/2016	Regular	0.00	89.09	25013
00072	Goodin,MacBride,Squeri,Day,Lamprey	03/04/2016	Regular	0.00	1,317.99	25014
00993	Harris Court Business Park	03/04/2016	Regular	0.00	721.26	25015
00083	Hayashi & Wayland Accountancy Corp.	03/04/2016	Regular	0.00	15,800.00	25016
08929	HDR Engineering, Inc.	03/04/2016	Regular	0.00	24,461.60	25017
00768	ICMA	03/04/2016	Regular	0.00	5,380.41	25018
00768	ICMA	03/04/2016	Regular	0.00	5,380.41	25019
00769	Laborers Trust Fund of Northern CA	03/04/2016	Regular	0.00	26,664.00	25020
05830	Larry Hampson	03/04/2016	Regular	0.00	240.00	25021
00222	M.J. Murphy	03/04/2016	Regular	0.00	47.65	25022
00120	Martin B. Feeney, PG, CHG	03/30/2016	Regular	0.00	-9,145.16	25023
00120	Martin B. Feeney, PG, CHG	03/04/2016	Regular	0.00	9,145.16	25023
00242	MBAS	03/04/2016	Regular	0.00	220.00	25024
00275	Monterey County Herald	03/04/2016	Regular	0.00	833.54	25025
00154	Peninsula Messenger Service	03/04/2016	Regular	0.00	120.00	25026
00282	PG&E	03/04/2016	Regular	0.00	401.89	25027
00282	PG&E	03/04/2016	Regular	0.00	2,052.48	25028
00262	Pure H2O	03/04/2016	Regular	0.00	64.49	25029
00766	Standard Insurance Company	03/04/2016	Regular	0.00	1,559.92	25030
03973	Stephanie Kister	03/04/2016	Regular	0.00	180.37	25031
09351	Tetra Tech, Inc.	03/04/2016	Regular	0.00	19,331.46	25032
00207	Universal Staffing Inc.	03/04/2016	Regular	0.00	1,460.16	25033
00221	Verizon Wireless	03/04/2016	Regular	0.00	1,125.02	25034
00254	MoCo Recorder	03/04/2016	Regular	0.00	29.00	25035
00254	MoCo Recorder	03/09/2016	Regular	0.00	32.00	25042
00254	MoCo Recorder	03/09/2016	Regular	0.00	61.00	25043

EXHIBIT 9-B

78

Check Report**Date Range: 03/01/2016 - 03/31/2016**

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
00254	MoCo Recorder	03/09/2016	Regular	0.00	29.00	25044
00254	MoCo Recorder	03/09/2016	Regular	0.00	61.00	25045
00254	MoCo Recorder	03/09/2016	Regular	0.00	87.00	25046
00254	MoCo Recorder	03/09/2016	Regular	0.00	61.00	25047
00254	MoCo Recorder	03/09/2016	Regular	0.00	58.00	25048
00254	MoCo Recorder	03/09/2016	Regular	0.00	61.00	25049
00254	MoCo Recorder	03/09/2016	Regular	0.00	87.00	25050
00254	MoCo Recorder	03/09/2016	Regular	0.00	29.00	25051
00254	MoCo Recorder	03/09/2016	Regular	0.00	29.00	25052
00254	MoCo Recorder	03/09/2016	Regular	0.00	29.00	25053
00249	A.G. Davi, LTD	03/11/2016	Regular	0.00	395.00	25054
00763	ACWA-JPIA	03/11/2016	Regular	0.00	476.10	25055
00253	AT&T	03/11/2016	Regular	0.00	499.60	25056
00253	AT&T	03/11/2016	Regular	0.00	860.65	25057
00983	Beverly Chaney	03/11/2016	Regular	0.00	192.00	25058
04042	Cabelas Government Outfitters	03/11/2016	Regular	0.00	702.98	25059
00252	Cal-Am Water	03/11/2016	Regular	0.00	87.03	25060
01001	CDW Government	03/11/2016	Regular	0.00	841.08	25061
00267	Employment Development Dept.	03/11/2016	Regular	0.00	0.09	25062
02660	Forestry Suppliers Inc.	03/11/2016	Regular	0.00	378.29	25063
04717	Inder Osahan	03/11/2016	Regular	0.00	1,149.00	25064
11226	John & Linda Deitchman	03/11/2016	Regular	0.00	301.00	25065
00094	John Arriaga	03/11/2016	Regular	0.00	2,500.00	25066
03969	Jonathan Lear	03/11/2016	Regular	0.00	911.44	25067
02839	Justin Huntington	03/11/2016	Regular	0.00	7,100.00	25068
00222	M.J. Murphy	03/11/2016	Regular	0.00	37.79	25069
00117	Marina Backflow Company	03/11/2016	Regular	0.00	60.00	25070
00259	Marina Coast Water District	03/11/2016	Regular	0.00	209.71	25071
00259	Marina Coast Water District	03/11/2016	Regular	0.00	56.84	25072
00078	Michael Hutnak	03/11/2016	Regular	0.00	4,240.00	25073
00118	Monterey Bay Carpet & Janitorial Svc	03/11/2016	Regular	0.00	1,000.00	25074
00225	Palace Office Supply	03/11/2016	Regular	0.00	288.52	25075
01020	Paula Soto	03/11/2016	Regular	0.00	332.11	25076
00256	PERS Retirement	03/11/2016	Regular	0.00	13,822.58	25077
00256	PERS Retirement	03/11/2016	Regular	0.00	1,050.00	25078
07627	Purchase Power	03/11/2016	Regular	0.00	618.97	25079
00228	Ryan Ranch Printers	03/11/2016	Regular	0.00	651.39	25080
04709	Sherron Forsgren	03/11/2016	Regular	0.00	637.86	25081
01351	Staples Credit Plan	03/11/2016	Regular	0.00	29.63	25082
01008	U.S. Postal Service	03/11/2016	Regular	0.00	70.00	25083
00207	Universal Staffing Inc.	03/11/2016	Regular	0.00	811.20	25084
00271	UPEC, Local 792	03/11/2016	Regular	0.00	1,039.28	25085
00254	MoCo Recorder	03/17/2016	Regular	0.00	29.00	25089
00254	MoCo Recorder	03/17/2016	Regular	0.00	61.00	25090
00254	MoCo Recorder	03/17/2016	Regular	0.00	29.00	25091
00254	MoCo Recorder	03/17/2016	Regular	0.00	29.00	25092
00254	MoCo Recorder	03/17/2016	Regular	0.00	32.00	25093
00254	MoCo Recorder	03/17/2016	Regular	0.00	29.00	25094
00254	MoCo Recorder	03/17/2016	Regular	0.00	29.00	25095
00254	MoCo Recorder	03/17/2016	Regular	0.00	29.00	25096
00254	MoCo Recorder	03/17/2016	Regular	0.00	93.00	25097
00254	MoCo Recorder	03/17/2016	Regular	0.00	29.00	25098
00010	Access Monterey Peninsula	03/18/2016	Regular	0.00	160.00	25099
00760	Andy Bell	03/18/2016	Regular	0.00	810.00	25100
08924	Bryant & Associates	03/18/2016	Regular	0.00	18,415.00	25101
00252	Cal-Am Water	03/18/2016	Regular	0.00	179.38	25102
00243	CalPers Long Term Care Program	03/18/2016	Regular	0.00	40.56	25103
01001	CDW Government	03/18/2016	Regular	0.00	1,902.25	25104
06268	Comcast	03/18/2016	Regular	0.00	205.23	25105
04041	Cynthia Schmidlin	03/18/2016	Regular	0.00	866.34	25106
08109	David Olson, Inc.	03/18/2016	Regular	0.00	128.00	25107

EXHIBIT 9-B

79

Check Report**Date Range: 03/01/2016 - 03/31/2016**

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
07632	Debra Martin	03/18/2016	Regular	0.00	42.76	25108
00761	Delores Cofer	03/18/2016	Regular	0.00	405.00	25109
00267	Employment Development Dept.	03/18/2016	Regular	0.00	3,956.96	25110
02660	Forestry Suppliers Inc.	03/18/2016	Regular	0.00	27.90	25111
07624	Franchise Tax Board	03/18/2016	Regular	0.00	35.00	25112
07624	Franchise Tax Board	03/18/2016	Regular	0.00	85.99	25113
05164	GardenSoft	03/18/2016	Regular	0.00	5,000.00	25114
00072	Goodin,MacBride,Squeri,Day,Lamprey	03/18/2016	Regular	0.00	4,106.75	25115
08929	HDR Engineering, Inc.	03/18/2016	Regular	0.00	9,301.97	25116
00986	Henrietta Stern	03/18/2016	Regular	0.00	1,149.00	25117
00277	Home Depot Credit Services	03/18/2016	Regular	0.00	286.48	25118
00277	Home Depot Credit Services	03/22/2016	Regular	0.00	-286.48	25118
00768	ICMA	03/18/2016	Regular	0.00	5,380.41	25119
11223	In-Situ	03/18/2016	Regular	0.00	1,519.41	25120
00084	Iverson Tree Service	03/18/2016	Regular	0.00	2,600.00	25121
05371	June Silva	03/18/2016	Regular	0.00	364.38	25122
00222	M.J. Murphy	03/18/2016	Regular	0.00	32.82	25123
01012	Mark Dudley	03/18/2016	Regular	0.00	19.99	25124
00120	Martin B. Feeney, PG, CHG	03/18/2016	Regular	0.00	1,413.00	25125
00274	MRWPCA	03/18/2016	Regular	0.00	288,303.36	25126
04032	Normandeau Associates, Inc.	03/18/2016	Regular	0.00	3,948.75	25127
04361	OneSource Office Systems	03/18/2016	Regular	0.00	134.30	25128
00225	Palace Office Supply	03/18/2016	Regular	0.00	111.59	25129
00755	Peninsula Welding Supply, Inc.	03/18/2016	Regular	0.00	54.00	25130
00256	PERS Retirement	03/18/2016	Regular	0.00	13,878.79	25131
00256	PERS Retirement	03/22/2016	Regular	0.00	-13,878.79	25131
00282	PG&E	03/18/2016	Regular	0.00	30.21	25132
00282	PG&E	03/18/2016	Regular	0.00	28.95	25133
00282	PG&E	03/18/2016	Regular	0.00	5,131.49	25134
00282	PG&E	03/18/2016	Regular	0.00	9.89	25135
00752	Professional Liability Insurance Service	03/18/2016	Regular	0.00	34.92	25136
00233	Rana Creek Habitat	03/18/2016	Regular	0.00	45.20	25137
00272	Red Shift Internet Services	03/18/2016	Regular	0.00	604.95	25138
00283	SHELL	03/18/2016	Regular	0.00	389.52	25139
04719	Telit Wireless Solutions	03/18/2016	Regular	0.00	163.99	25140
00258	Thomas Brand Consulting, LLC	03/18/2016	Regular	0.00	13,140.00	25141
04353	Thomas Christensen	03/18/2016	Regular	0.00	16.74	25142
00269	U.S. Bank	03/22/2016	Regular	0.00	-10,287.39	25143
00269	U.S. Bank	03/18/2016	Regular	0.00	10,287.39	25143
	Void	03/18/2016	Regular	0.00	0.00	25144
00207	Universal Staffing Inc.	03/18/2016	Regular	0.00	811.20	25145
00254	MoCo Recorder	03/21/2016	Regular	0.00	32.00	25146
00254	MoCo Recorder	03/24/2016	Regular	0.00	26.00	25147
00254	MoCo Recorder	03/24/2016	Regular	0.00	61.00	25148
00254	MoCo Recorder	03/24/2016	Regular	0.00	67.00	25149
00254	MoCo Recorder	03/24/2016	Regular	0.00	29.00	25150
00254	MoCo Recorder	03/24/2016	Regular	0.00	29.00	25151
00254	MoCo Recorder	03/24/2016	Regular	0.00	29.00	25152
00254	MoCo Recorder	03/24/2016	Regular	0.00	14.00	25153
00254	MoCo Recorder	03/24/2016	Regular	0.00	26.00	25154
00254	MoCo Recorder	03/24/2016	Regular	0.00	29.00	25155
00254	MoCo Recorder	03/24/2016	Regular	0.00	61.00	25156
00254	MoCo Recorder	03/24/2016	Regular	0.00	61.00	25157
00254	MoCo Recorder	03/24/2016	Regular	0.00	29.00	25158
00767	AFLAC	03/24/2016	Regular	0.00	1,289.16	25159
00263	Arlene Tavani	03/24/2016	Regular	0.00	38.37	25160
00253	AT&T	03/24/2016	Regular	0.00	76.05	25161
00253	AT&T	03/24/2016	Regular	0.00	717.25	25162
00253	AT&T	03/24/2016	Regular	0.00	324.79	25163
00243	CalPers Long Term Care Program	03/24/2016	Regular	0.00	40.56	25164
00024	Central Coast Exterminator	03/24/2016	Regular	0.00	104.00	25165

EXHIBIT 9-B

80

Check Report**Date Range: 03/01/2016 - 03/31/2016**

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
09801	Creegan + D'Angelo Infrastructure Engineers	03/24/2016	Regular	0.00	255.00	25166
01352	Dave Stoldt	03/24/2016	Regular	0.00	532.93	25167
00192	Extra Space Storage	03/24/2016	Regular	0.00	716.00	25168
00758	FedEx	03/24/2016	Regular	0.00	33.34	25169
00993	Harris Court Business Park	03/24/2016	Regular	0.00	721.26	25170
00277	Home Depot Credit Services	03/24/2016	Regular	0.00	342.86	25171
00242	MBAS	03/24/2016	Regular	0.00	2,645.00	25172
00275	Monterey County Herald	03/24/2016	Regular	0.00	351.31	25173
00275	Monterey County Herald	03/24/2016	Regular	0.00	160.62	25174
00256	PERS Retirement	03/24/2016	Regular	0.00	13,878.70	25175
00251	Rick Dickhaut	03/24/2016	Regular	0.00	1,023.00	25176
00176	Sentry Alarm Systems	03/24/2016	Regular	0.00	125.50	25177
00766	Standard Insurance Company	03/24/2016	Regular	0.00	1,563.63	25178
00286	Stephanie L Locke	03/24/2016	Regular	0.00	40.00	25179
09351	Tetra Tech, Inc.	03/24/2016	Regular	0.00	6,650.64	25180
04366	Tom Lindberg	03/24/2016	Regular	0.00	469.57	25181
00269	U.S. Bank	03/24/2016	Regular	0.00	11,653.45	25182
	Void	03/24/2016	Regular	0.00	0.00	25183
00207	Universal Staffing Inc.	03/24/2016	Regular	0.00	811.20	25184
06009	yourservicesolution.com	03/24/2016	Regular	0.00	919.00	25185
00254	MoCo Recorder	03/30/2016	Regular	0.00	61.00	25380
00254	MoCo Recorder	03/30/2016	Regular	0.00	14.00	25381
00254	MoCo Recorder	03/30/2016	Regular	0.00	61.00	25382
00254	MoCo Recorder	03/30/2016	Regular	0.00	55.00	25383
00254	MoCo Recorder	03/30/2016	Regular	0.00	55.00	25384
00254	MoCo Recorder	03/30/2016	Regular	0.00	32.00	25385
00254	MoCo Recorder	03/30/2016	Regular	0.00	14.00	25386
00254	MoCo Recorder	03/30/2016	Regular	0.00	125.00	25387
00254	MoCo Recorder	03/30/2016	Regular	0.00	64.00	25388
00254	MoCo Recorder	03/30/2016	Regular	0.00	101.00	25389
00254	MoCo Recorder	03/30/2016	Regular	0.00	75.00	25390
00254	MoCo Recorder	03/30/2016	Regular	0.00	29.00	25391
00254	MoCo Recorder	03/31/2016	Regular	0.00	29.00	25393
01188	Alhambra	03/31/2016	Regular	0.00	163.32	25394
00236	AT&T Long Distance	03/31/2016	Regular	0.00	14.31	25395
00237	Chevron	03/31/2016	Regular	0.00	223.38	25396
00230	Cisco WebEx, LLC	03/31/2016	Regular	0.00	349.00	25397
00224	City of Monterey	03/31/2016	Regular	0.00	170.87	25398
00028	Colantuono, Highsmith, & Whatley, PC	03/31/2016	Regular	0.00	5,862.67	25399
01009	Cory Hamilton	03/31/2016	Regular	0.00	108.61	25400
00267	Employment Development Dept.	03/31/2016	Regular	0.00	3,965.04	25401
07624	Franchise Tax Board	03/31/2016	Regular	0.00	85.99	25402
07624	Franchise Tax Board	03/31/2016	Regular	0.00	35.00	25403
00768	ICMA	03/31/2016	Regular	0.00	5,380.41	25404
04367	Jeanne Byrne	03/31/2016	Regular	0.00	1,126.45	25405
06745	KBA Docusys - Lease Payments	03/31/2016	Regular	0.00	946.13	25406
00222	M.J. Murphy	03/31/2016	Regular	0.00	27.94	25407
00120	Martin B. Feeney, PG, CHG	03/31/2016	Regular	0.00	9,145.16	25408
00242	MBAS	03/31/2016	Regular	0.00	260.00	25409
10965	Molly Evans	03/31/2016	Regular	0.00	152.74	25410
00282	PG&E	03/31/2016	Regular	0.00	2,038.86	25411
00282	PG&E	03/31/2016	Regular	0.00	360.11	25412
05994	Robert Brower Sr.	03/31/2016	Regular	0.00	3,513.75	25413
00228	Ryan Ranch Printers	03/31/2016	Regular	0.00	543.72	25414
09989	Star Sanitation Services	03/31/2016	Regular	0.00	99.61	25415
01349	Suresh Prasad	03/31/2016	Regular	0.00	451.83	25416
00207	Universal Staffing Inc.	03/31/2016	Regular	0.00	1,622.40	25417
00221	Verizon Wireless	03/31/2016	Regular	0.00	557.49	25418

EXHIBIT 9-B

81

Check Report**Date Range: 03/01/2016 - 03/31/2016**

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
00754	Zone24x7	03/31/2016	Regular	0.00	1,015.50	25419

	Bank Code APBNK	Summary			
Payment Type	Payable Count	Payment Count	Discount	Payment	
Regular Checks	315	224	0.00	651,094.42	
Manual Checks	0	0	0.00	0.00	
Voided Checks	0	11	0.00	-35,496.47	
Bank Drafts	0	0	0.00	0.00	
EFT's	0	0	0.00	0.00	
	315	235	0.00	615,597.95	

EXHIBIT 9-B

82

Check Report**Date Range: 03/01/2016 - 03/31/2016**

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Bank Code: REBATES-02-Rebates: Use Only For Rebates						
11416	ADELHEID E IRVIN	03/25/2016	Regular	0.00	500.00	25186
11403	ALEXANDER TCHICK	03/25/2016	Regular	0.00	500.00	25187
11432	ANGELA ESCOBAR	03/25/2016	Regular	0.00	500.00	25188
11349	ANGELO & MARY ANGELA SOARES	03/25/2016	Regular	0.00	100.00	25189
11348	ANNA VERMI	03/25/2016	Regular	0.00	100.00	25190
11396	ANTHONY AUGUST	03/25/2016	Regular	0.00	125.00	25191
11248	ANTHONY GIAMMANCO	03/25/2016	Regular	0.00	500.00	25192
11277	ARNOLD & NANCY BUSS	03/25/2016	Regular	0.00	98.00	25193
11314	ART & ELAINE TAYLOR	03/25/2016	Regular	0.00	400.00	25194
11398	BARBARA J. OGGERINO	03/25/2016	Regular	0.00	125.00	25195
11329	BEATRIZ ARANDA MONTOYA	03/25/2016	Regular	0.00	500.00	25196
11378	BERT CUTINO	03/25/2016	Regular	0.00	100.00	25197
11387	BEVERLY REYNOLDS-HUFF	03/25/2016	Regular	0.00	100.00	25198
11446	C W FREEDMAN	03/25/2016	Regular	0.00	3,250.00	25199
11438	CARL M. MILLER	03/25/2016	Regular	0.00	29.90	25200
11388	CAROL JOHNSON	03/25/2016	Regular	0.00	100.00	25201
11325	Caunsery Rasmussen	03/25/2016	Regular	0.00	500.00	25202
11415	CHARLES & SANDRA CHRIETZBERG	03/25/2016	Regular	0.00	500.00	25203
11316	CHARLES ROBLEDO	03/25/2016	Regular	0.00	100.00	25204
11394	CHRIS & JENNIFER CRYNS	03/25/2016	Regular	0.00	125.00	25205
11401	Chris Wilson	03/25/2016	Regular	0.00	500.00	25206
11340	CLARK STRUVE	03/25/2016	Regular	0.00	2,339.00	25207
11339	CLARK W & TOSHIA STRUVE	03/25/2016	Regular	0.00	1,000.00	25208
11364	CLAUDIA M WARD	03/25/2016	Regular	0.00	500.00	25209
11260	CORLISS KELLY	03/25/2016	Regular	0.00	500.00	25210
11370	CRAIG LOVELL	03/25/2016	Regular	0.00	2,450.00	25211
11242	CRAIG NOVAK	03/25/2016	Regular	0.00	125.00	25212
11264	CYD LOVE	03/25/2016	Regular	0.00	500.00	25213
11312	CYNTHIA FOSTER	03/25/2016	Regular	0.00	100.00	25214
11436	Daryl Griffith	03/25/2016	Regular	0.00	500.00	25215
11397	DAVID A EAGLE	03/25/2016	Regular	0.00	125.00	25216
11276	DAVID ADRIAN	03/25/2016	Regular	0.00	965.00	25217
11336	DAVID ADRIAN	03/25/2016	Regular	0.00	500.00	25218
11419	DAVID M TAGGART	03/25/2016	Regular	0.00	500.00	25219
11366	DAVID SOUTEN	03/25/2016	Regular	0.00	189.00	25220
11230	DAVID SPRADLING	03/25/2016	Regular	0.00	100.00	25221
11406	Dawna Zullo	03/25/2016	Regular	0.00	500.00	25222
11319	DEAN GERMER	03/25/2016	Regular	0.00	125.00	25223
11395	DEBBY MAJORS-DEGNAN	03/25/2016	Regular	0.00	125.00	25224
11369	Del Mesa Carmel Community Assoc	03/25/2016	Regular	0.00	537.50	25225
11373	DEL MONTE MANOR INC	03/25/2016	Regular	0.00	98.00	25226
11372	DEL MONTE MANOR INC	03/25/2016	Regular	0.00	98.00	25227
11322	DERYA MATSU	03/25/2016	Regular	0.00	125.00	25228
11351	DON TICKNOR	03/25/2016	Regular	0.00	300.00	25229
11365	Douglas Newton	03/25/2016	Regular	0.00	500.00	25230
11443	DOUGLAS STARR	03/25/2016	Regular	0.00	831.25	25231
11337	EDDIE HURT	03/25/2016	Regular	0.00	55.00	25232
11332	EDWIN & SANDRA LAKE	03/25/2016	Regular	0.00	500.00	25233
11418	Elizabeth Gateman	03/25/2016	Regular	0.00	500.00	25234
11326	ELIZABETH P BROWN	03/25/2016	Regular	0.00	500.00	25235
11315	ELLEN SAXBY	03/25/2016	Regular	0.00	289.00	25236
11252	ERLING LAGERHOLM	03/25/2016	Regular	0.00	500.00	25237
11359	FERNANDO CHAVEZ	03/25/2016	Regular	0.00	500.00	25238
11236	FRANK & GAIL GRUPE	03/25/2016	Regular	0.00	125.00	25239
11232	FRANK DOST	03/25/2016	Regular	0.00	200.00	25240
11376	FRANK ZABROWSKI	03/25/2016	Regular	0.00	100.00	25241
11238	G DALE & JULIETTE HAMMEL	03/25/2016	Regular	0.00	125.00	25242
11251	GAYLE SMITH	03/25/2016	Regular	0.00	500.00	25243
11383	GLORIA D GUSTAFSON	03/25/2016	Regular	0.00	100.00	25244
11311	GREG NETZORG	03/25/2016	Regular	0.00	100.00	25245

EXHIBIT 9-B

83

Check Report**Date Range: 03/01/2016 - 03/31/2016**

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
11434	GREGORY P BEARDSLEY	03/25/2016	Regular	0.00	500.00	25246
11262	HAROLD MCCOY	03/25/2016	Regular	0.00	500.00	25247
11371	HELAINÉ TREGENZA	03/25/2016	Regular	0.00	75.00	25248
11338	HUELGA ALESSIO V & LAURIE O	03/25/2016	Regular	0.00	289.00	25249
11381	HUYEN DUONG	03/25/2016	Regular	0.00	100.00	25250
11420	HUYEN DUONG	03/25/2016	Regular	0.00	500.00	25251
11352	INGRID AQUINO	03/25/2016	Regular	0.00	100.00	25252
11445	IRA WONG	03/25/2016	Regular	0.00	102.50	25253
11233	ISHWAR DATT	03/25/2016	Regular	0.00	100.00	25254
11227	JACK R CLIFTON	03/25/2016	Regular	0.00	500.00	25255
11425	JACK TELIAN & CATHERINE BAILEY	03/25/2016	Regular	0.00	500.00	25256
11422	JAMES & CHRISTIN LOPEZ	03/25/2016	Regular	0.00	500.00	25257
11407	JAMES E & MAUREEN B BRINKERHOFF	03/25/2016	Regular	0.00	500.00	25258
11239	JAMES FINDLAY	03/25/2016	Regular	0.00	625.00	25259
11413	JAMES HERBIG	03/25/2016	Regular	0.00	500.00	25260
11235	JAMES JOHNSON	03/25/2016	Regular	0.00	125.00	25261
11270	JAMES SHAULES	03/25/2016	Regular	0.00	100.00	25262
11391	JAMES ZIEL	03/25/2016	Regular	0.00	125.00	25263
11331	JANICE ZAKIN	03/25/2016	Regular	0.00	500.00	25264
11374	JEANNINE TUCKER	03/25/2016	Regular	0.00	125.00	25265
11427	Jeff Hyink	03/25/2016	Regular	0.00	499.00	25266
11320	JEFFREY & CRYSTAL A BIRKEMEIER	03/25/2016	Regular	0.00	125.00	25267
11249	JEFFREY HELMS	03/25/2016	Regular	0.00	500.00	25268
11367	JOHN G & CYNTHIA J MICHAEL	03/25/2016	Regular	0.00	200.00	25269
11342	JOHN S CLUM & BARBARA ANN CLUM TRS	03/25/2016	Regular	0.00	199.98	25270
11267	JOHN SNAPP	03/25/2016	Regular	0.00	100.00	25271
11241	JOHN SNAPP	03/25/2016	Regular	0.00	125.00	25272
11400	JOHN W MIMS	03/25/2016	Regular	0.00	125.00	25273
11368	JON & CHRISTINE M KITAJI	03/25/2016	Regular	0.00	6,250.00	25274
11266	JON BENNER	03/25/2016	Regular	0.00	145.00	25275
11444	JOSEPH FOGEL & CAROLINE ELLIOTT	03/25/2016	Regular	0.00	262.50	25276
11392	Joseph Gough	03/25/2016	Regular	0.00	625.00	25277
11258	JOSEPH McMONIGLE	03/25/2016	Regular	0.00	500.00	25278
11423	JULIE BLUE	03/25/2016	Regular	0.00	500.00	25279
11385	JULIET T CHANDLER	03/25/2016	Regular	0.00	200.00	25280
11409	Justin Alspaugh	03/25/2016	Regular	0.00	500.00	25281
11437	Karen Wood	03/25/2016	Regular	0.00	140.00	25282
11313	KATALIN J MARKUS	03/25/2016	Regular	0.00	100.00	25283
11259	Kathryn Maulin & Hunter Brown	03/25/2016	Regular	0.00	479.99	25284
11344	KENFAMT LLC	03/25/2016	Regular	0.00	100.00	25285
11229	KIM ROBERTS	03/25/2016	Regular	0.00	100.00	25286
11380	KIMBERLY AUBUCHON	03/25/2016	Regular	0.00	825.00	25287
11321	KIRK POHL	03/25/2016	Regular	0.00	625.00	25288
11263	KIRSTEN FRALEY	03/25/2016	Regular	0.00	500.00	25289
11429	Kristos Kever	03/25/2016	Regular	0.00	500.00	25290
11333	LARRY PROBST	03/25/2016	Regular	0.00	500.00	25291
11253	LARRY SUMNERS	03/25/2016	Regular	0.00	500.00	25292
11275	LAURA & SETH PARIS	03/25/2016	Regular	0.00	968.00	25293
11354	LISA PHARES	03/25/2016	Regular	0.00	125.00	25294
11421	LUBICA ALBERTY	03/25/2016	Regular	0.00	500.00	25295
11440	LYDIA KUCHAREW	03/25/2016	Regular	0.00	785.00	25296
11361	Lynne Quinlan	03/25/2016	Regular	0.00	500.00	25297
11341	MANUEL & GERACINDA BETTENCOURT	03/25/2016	Regular	0.00	1,063.00	25298
11345	MANUEL BETTENCOURT	03/25/2016	Regular	0.00	100.00	25299
11357	MANUEL LOPES JR	03/25/2016	Regular	0.00	125.00	25300
11246	MANUEL LOPES JR	03/25/2016	Regular	0.00	500.00	25301
11334	Mari T. Demera	03/25/2016	Regular	0.00	500.00	25302
11228	Maria Martinez	03/25/2016	Regular	0.00	88.00	25303
11402	Marie McCarty	03/25/2016	Regular	0.00	500.00	25304
11442	MARILYN GREENBERG	03/25/2016	Regular	0.00	1,375.00	25305
11240	MARILYNN BERRY	03/25/2016	Regular	0.00	625.00	25306

EXHIBIT 9-B

84

Check Report**Date Range: 03/01/2016 - 03/31/2016**

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
11435	MARY BRINTON	03/25/2016	Regular	0.00	500.00	25307
11237	MARY CHANCELLOR	03/25/2016	Regular	0.00	125.00	25308
11255	MARY CHANCELLOR	03/25/2016	Regular	0.00	500.00	25309
11327	MARY KAY HAMILTON	03/25/2016	Regular	0.00	500.00	25310
11448	MATTHEW L & NATALIE SCLAFANI	03/25/2016	Regular	0.00	600.00	25311
11447	MERRY TRUCKSIS	03/25/2016	Regular	0.00	1,390.00	25312
11431	MICHAEL & CARMELITA CROFT	03/25/2016	Regular	0.00	500.00	25313
11428	Michael & Jacqueline Newton	03/25/2016	Regular	0.00	500.00	25314
11335	MICHAEL & JOYCE EANDI	03/25/2016	Regular	0.00	500.00	25315
11358	MICHAEL DE LAY	03/25/2016	Regular	0.00	125.00	25316
11362	MICHAEL MITCHELL	03/25/2016	Regular	0.00	500.00	25317
11441	MICHAELA CAROZZA	03/25/2016	Regular	0.00	1,081.25	25318
11430	MIKE FITZSIMMONS	03/25/2016	Regular	0.00	700.00	25319
11234	NATHAN MENKE	03/25/2016	Regular	0.00	125.00	25320
11244	NATHAN MENKE	03/25/2016	Regular	0.00	500.00	25321
11355	NELSON FOREMAN	03/25/2016	Regular	0.00	325.00	25322
11268	NINA HARRISON	03/25/2016	Regular	0.00	210.00	25323
10034	NINA KILLEN	03/25/2016	Regular	0.00	200.00	25324
11328	NORA SHEN	03/25/2016	Regular	0.00	500.00	25325
11324	PAM MEYER	03/25/2016	Regular	0.00	125.00	25326
11347	Paramount Properties	03/25/2016	Regular	0.00	100.00	25327
11274	PARESH PATEL	03/25/2016	Regular	0.00	500.00	25328
11414	PATRICE TAYLOR	03/25/2016	Regular	0.00	500.00	25329
11405	Patricia Hoffman	03/25/2016	Regular	0.00	498.00	25330
11261	PATRICIA MEADOWS	03/25/2016	Regular	0.00	500.00	25331
11243	PAUL HARASTI	03/25/2016	Regular	0.00	125.00	25332
11375	PAUL BARLOW	03/25/2016	Regular	0.00	125.00	25333
11360	PAUL BASZUCKI	03/25/2016	Regular	0.00	500.00	25334
11350	PAUL EASTMAN	03/25/2016	Regular	0.00	100.00	25335
11439	PETER DAUSEN	03/25/2016	Regular	0.00	120.00	25336
11317	PHILLIP BRADBURY	03/25/2016	Regular	0.00	100.00	25337
11377	PHYLLIS H CHINN	03/25/2016	Regular	0.00	100.00	25338
11393	PRISCILLA B HENRY	03/25/2016	Regular	0.00	125.00	25339
11272	Raul Quezada	03/25/2016	Regular	0.00	500.00	25340
11346	Rebecca Garrison	03/25/2016	Regular	0.00	100.00	25341
11269	REV FR RON L D KAWCZYNSKI	03/25/2016	Regular	0.00	175.00	25342
11410	RICHARD & KATHERINE BUAYA	03/25/2016	Regular	0.00	500.00	25343
11271	RICHARD BRISCOE	03/25/2016	Regular	0.00	500.00	25344
11408	ROBERT B MALLETT	03/25/2016	Regular	0.00	500.00	25345
11231	ROBERT LEE	03/25/2016	Regular	0.00	100.00	25346
11265	ROBERT SIMONE	03/25/2016	Regular	0.00	500.00	25347
11411	ROMAN BARNES	03/25/2016	Regular	0.00	500.00	25348
11257	RONALD & JOSEPHINE ANN LOMANTO	03/25/2016	Regular	0.00	500.00	25349
11433	RONALD J VILLEMAIRE	03/25/2016	Regular	0.00	700.00	25350
11254	ROSA KAVENOKI	03/25/2016	Regular	0.00	499.00	25351
11390	Rose Keane	03/25/2016	Regular	0.00	125.00	25352
11386	ROY BROWNING	03/25/2016	Regular	0.00	100.00	25353
11318	SALVATORE LAGANA	03/25/2016	Regular	0.00	100.00	25354
11273	Samit Patel	03/25/2016	Regular	0.00	1,232.00	25355
11379	SANDRA GOLDMAN	03/25/2016	Regular	0.00	925.00	25356
11424	Sheri & Grant Barrett	03/25/2016	Regular	0.00	500.00	25357
11356	SHIRMAINE JONES	03/25/2016	Regular	0.00	125.00	25358
11384	SHIZUMA OYAMA	03/25/2016	Regular	0.00	100.00	25359
11245	STEPHANIE COSTANZA	03/25/2016	Regular	0.00	500.00	25360
11417	SUSAN WU	03/25/2016	Regular	0.00	500.00	25361
11399	TAYLOR PIKE	03/25/2016	Regular	0.00	125.00	25362
11412	TED & STACEY GOLDING	03/25/2016	Regular	0.00	500.00	25363
11323	TERI HARDY	03/25/2016	Regular	0.00	125.00	25364
11353	TERRY JACKSON	03/25/2016	Regular	0.00	125.00	25365
11389	THOMAS HUGHES	03/25/2016	Regular	0.00	100.00	25366
11426	TRUDY ANDERSON	03/25/2016	Regular	0.00	500.00	25367

EXHIBIT 9-B

85

Check Report**Date Range: 03/01/2016 - 03/31/2016**

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
11330	UMESH SAHDEO	03/25/2016	Regular	0.00	500.00	25368
11256	VALERIE HOPKINS	03/25/2016	Regular	0.00	500.00	25369
11363	VIOLA S FOX	03/25/2016	Regular	0.00	500.00	25370
11343	VIRGINIA ZEISE	03/25/2016	Regular	0.00	200.00	25371
11449	WATSON LISA CRAWFORD ET AL	03/25/2016	Regular	0.00	1,791.00	25372
11250	WAYNE FENTON	03/25/2016	Regular	0.00	500.00	25373
11404	Wendolyn Herrera	03/25/2016	Regular	0.00	500.00	25374
11382	WES KELLEY	03/25/2016	Regular	0.00	100.00	25375
11247	WILLIAM PUTNAM	03/25/2016	Regular	0.00	500.00	25376

Bank Code REBATES-02 Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	191	191	0.00	84,572.87
Manual Checks	0	0	0.00	0.00
Voided Checks	0	0	0.00	0.00
Bank Drafts	0	0	0.00	0.00
EFT's	0	0	0.00	0.00
	191	191	0.00	84,572.87

Fund Summary

Fund	Name	Period	Amount
99	POOL CASH FUND	3/2016	700,170.82
			700,170.82

EXHIBIT 9-C

Monterey Peninsula Water Management Dist

Payroll Bank Transaction Report - MPWMD

By Payment Number

Date: 3/1/2016 - 3/31/2016

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
2085	03/04/2016	Regular	1024	Stoldt, David J	0.00	5,904.56	5,904.56
2086	03/04/2016	Regular	1025	Tavani, Arlene M	0.00	1,899.86	1,899.86
2087	03/04/2016	Regular	1006	Dudley, Mark A	0.00	2,878.00	2,878.00
2088	03/04/2016	Regular	1039	Flores, Elizabeth	0.00	1,569.93	1,569.93
2089	03/04/2016	Regular	1018	Prasad, Suresh	0.00	3,583.00	3,583.00
2090	03/04/2016	Regular	1019	Reyes, Sara C	0.00	1,856.03	1,856.03
2091	03/04/2016	Regular	1020	Sandoval, Eric J	0.00	1,933.30	1,933.30
2092	03/04/2016	Regular	1021	Schmidlin, Cynthia L	0.00	1,802.00	1,802.00
2093	03/04/2016	Regular	1022	Soto, Paula	0.00	1,420.09	1,420.09
2094	03/04/2016	Regular	1002	Bekker, Mark	0.00	1,627.15	1,627.15
2095	03/04/2016	Regular	1005	Christensen, Thomas T	0.00	2,548.32	2,548.32
2096	03/04/2016	Regular	1008	Hampson, Larry M	0.00	3,199.25	3,199.25
2097	03/04/2016	Regular	1013	Lyons, Matthew J	0.00	1,642.65	1,642.65
2098	03/04/2016	Regular	1023	Stern, Henrietta L	0.00	875.72	875.72
2099	03/04/2016	Regular	6028	Atkins, Daniel N	0.00	273.24	273.24
2100	03/04/2016	Regular	1004	Chaney, Beverly M	0.00	2,177.57	2,177.57
2101	03/04/2016	Regular	1007	Hamilton, Cory R	0.00	2,028.05	2,028.05
2102	03/04/2016	Regular	1009	James, Gregory W	0.00	2,932.78	2,932.78
2103	03/04/2016	Regular	1011	Lear, Jonathan P	0.00	2,731.28	2,731.28
2104	03/04/2016	Regular	1012	Lindberg, Thomas L	0.00	2,156.93	2,156.93
2105	03/04/2016	Regular	1016	Oliver, Joseph W	0.00	2,645.69	2,645.69
2106	03/04/2016	Regular	1026	Urquhart, Kevan A	0.00	1,868.33	1,868.33
2107	03/04/2016	Regular	1001	Ayala, Gabriela D	0.00	1,653.91	1,653.91
2108	03/04/2016	Regular	1041	Gonnerman, Maryan C	0.00	1,453.47	1,453.47
2109	03/04/2016	Regular	1010	Kister, Stephanie L	0.00	1,838.32	1,838.32
2110	03/04/2016	Regular	1017	Locke, Stephanie L	0.00	2,686.68	2,686.68
2111	03/04/2016	Regular	1014	Martin, Debra S	0.00	1,816.97	1,816.97
2112	03/18/2016	Regular	1024	Stoldt, David J	0.00	5,913.84	5,913.84
2113	03/18/2016	Regular	1025	Tavani, Arlene M	0.00	1,899.87	1,899.87
2114	03/18/2016	Regular	1006	Dudley, Mark A	0.00	2,878.01	2,878.01
2115	03/18/2016	Regular	1039	Flores, Elizabeth	0.00	1,729.27	1,729.27
2116	03/18/2016	Regular	1018	Prasad, Suresh	0.00	3,583.00	3,583.00
2117	03/18/2016	Regular	1019	Reyes, Sara C	0.00	1,856.03	1,856.03
2118	03/18/2016	Regular	1020	Sandoval, Eric J	0.00	1,933.31	1,933.31
2119	03/18/2016	Regular	1021	Schmidlin, Cynthia L	0.00	1,802.01	1,802.01
2120	03/18/2016	Regular	1022	Soto, Paula	0.00	1,420.09	1,420.09
2121	03/18/2016	Regular	1002	Bekker, Mark	0.00	1,627.14	1,627.14
2122	03/18/2016	Regular	1005	Christensen, Thomas T	0.00	2,548.32	2,548.32
2123	03/18/2016	Regular	1008	Hampson, Larry M	0.00	3,199.25	3,199.25
2124	03/18/2016	Regular	1013	Lyons, Matthew J	0.00	1,642.65	1,642.65
2125	03/18/2016	Regular	1023	Stern, Henrietta L	0.00	1,007.54	1,007.54
2126	03/18/2016	Regular	6028	Atkins, Daniel N	0.00	437.22	437.22
2127	03/18/2016	Regular	1004	Chaney, Beverly M	0.00	2,177.57	2,177.57
2128	03/18/2016	Regular	1007	Hamilton, Cory R	0.00	2,028.05	2,028.05
2129	03/18/2016	Regular	1009	James, Gregory W	0.00	2,932.78	2,932.78
2130	03/18/2016	Regular	1011	Lear, Jonathan P	0.00	2,731.28	2,731.28
2131	03/18/2016	Regular	1012	Lindberg, Thomas L	0.00	2,156.93	2,156.93
2132	03/18/2016	Regular	1016	Oliver, Joseph W	0.00	2,645.69	2,645.69
2133	03/18/2016	Regular	1026	Urquhart, Kevan A	0.00	1,868.33	1,868.33
2134	03/18/2016	Regular	1001	Ayala, Gabriela D	0.00	1,653.91	1,653.91
2135	03/18/2016	Regular	1041	Gonnerman, Maryan C	0.00	1,507.97	1,507.97
2136	03/18/2016	Regular	1010	Kister, Stephanie L	0.00	1,838.32	1,838.32
2137	03/18/2016	Regular	1017	Locke, Stephanie L	0.00	2,686.68	2,686.68
2138	03/18/2016	Regular	1014	Martin, Debra S	0.00	1,816.97	1,816.97
24987	03/04/2016	Regular	6007	Delay, Thomas E	767.98	0.00	767.98
24988	03/04/2016	Regular	6034	Kleven, Alana K	190.82	0.00	190.82
24989	03/04/2016	Regular	1040	Smith, Kyle	1,418.02	0.00	1,418.02

EXHIBIT 9-C

Payment Number	Payment Date	Payment Type	Employee Number	Employee Name	Check Amount	Direct Deposit Amount	88 Total Payment
25036	03/07/2016	Regular	7006	Brower, Sr., Robert S	609.42	0.00	609.42
25037	03/07/2016	Regular	7007	Byrne, Jeannie	507.92	0.00	507.92
25038	03/07/2016	Regular	7013	Clarke, Andrew	203.17	0.00	203.17
25039	03/07/2016	Regular	7014	Evans, Molly F	395.22	0.00	395.22
25040	03/07/2016	Regular	7001	Pendergrass, David K	203.17	0.00	203.17
25041	03/07/2016	Regular	7004	Potter, David L	101.58	0.00	101.58
25086	03/18/2016	Regular	6007	Delay, Thomas E	816.39	0.00	816.39
25087	03/18/2016	Regular	6034	Kleven, Alana K	235.46	0.00	235.46
25088	03/18/2016	Regular	1040	Smith, Kyle	1,472.52	0.00	1,472.52
Totals:					6,921.67	118,525.12	125,446.79

EXHIBIT 9-D

89



Monterey Peninsula Water Management Dist

Bank Transaction Report**Transaction Detail**

Issued Date Range: 03/01/2016 - 03/31/2016

Cleared Date Range: -

Issued Date	Cleared Date	Number	Description	Module	Status	Type	Amount
Bank Account: 111 - Bank of America Checking - 0000 8170 8210							
03/03/2016	03/31/2016	SVC0000078	To Reverse IRS Error	General Ledger	Cleared	Service Charge	-0.60
03/04/2016	03/31/2016	DFT0000697	I.R.S.	Accounts Payable	Cleared	Bank Draft	-10,614.90
03/04/2016	03/31/2016	DFT0000698	I.R.S.	Accounts Payable	Cleared	Bank Draft	-2,246.62
03/04/2016	03/31/2016	DFT0000699	I.R.S.	Accounts Payable	Cleared	Bank Draft	-179.26
03/07/2016	03/31/2016	DFT0000700	I.R.S.	Accounts Payable	Cleared	Bank Draft	-11.12
03/07/2016	03/31/2016	DFT0000701	I.R.S.	Accounts Payable	Cleared	Bank Draft	-63.82
03/07/2016	03/31/2016	DFT0000702	I.R.S.	Accounts Payable	Cleared	Bank Draft	-272.80
03/15/2016	03/31/2016	SVC0000077	To Post March/16 Bank Service Fee	General Ledger	Cleared	Service Charge	-320.99
03/18/2016	03/31/2016	DFT0000704	I.R.S.	Accounts Payable	Cleared	Bank Draft	-10,791.06
03/18/2016	03/31/2016	DFT0000705	I.R.S.	Accounts Payable	Cleared	Bank Draft	-2,269.22
03/18/2016	03/31/2016	DFT0000706	I.R.S.	Accounts Payable	Cleared	Bank Draft	-218.36
Bank Account 111 Total: (11)							-26,988.75
Report Total: (11)							-26,988.75

EXHIBIT 9-D**Bank Transaction Report**

90

Issued Date Range: 03/01/2016 - 03/31/2016 Cleared Date Range: -

Summary

Bank Account	Count	Amount
111 Bank of America Checking - 0000 8170 8210	11	-26,988.75
Report Total:	11	-26,988.75

Cash Account	Count	Amount
99 99-10-100100 Pool Cash Account	11	-26,988.75
Report Total:	11	-26,988.75

Transaction Type	Count	Amount
Bank Draft	9	-26,667.16
Service Charge	2	-321.59
Report Total:	11	-26,988.75



Monterey Peninsula Water Management Dist

Statement of Revenue Over Expense - No Decimals

Group Summary

For Fiscal: 2015-2016 Period Ending: 03/31/2016

Level...	March Activity	March Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
Revenue								
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 %	1,184,110	2,412,000	-1,227,891	-49.09 %
R120 - Property Taxes Revenues	0	130,781	-130,781	0.00 %	942,259	1,570,000	-627,741	-60.02 %
R130 - User Fees	3,538	6,248	-2,709	-56.63 %	34,779	75,000	-40,221	-46.37 %
R140 - Connection Charges	57,785	14,578	43,208	-396.40 %	251,775	175,000	76,775	-143.87 %
R150 - Permit Processing Fee	18,131	14,578	3,554	-124.38 %	117,191	175,000	-57,809	-66.97 %
R160 - Well Registration Fee	0	167	-167	0.00 %	650	2,000	-1,350	-32.50 %
R180 - River Work Permit Application	0	0	0	0.00 %	75	0	75	0.00 %
R190 - WDS Permits Rule 21	3,714	4,665	-951	-79.62 %	43,643	56,000	-12,357	-77.93 %
R200 - Recording Fees	1,259	666	593	-188.93 %	8,876	8,000	876	-110.95 %
R210 - Legal Fees	456	1,250	-794	-36.49 %	2,101	15,000	-12,899	-14.01 %
R220 - Copy Fee	26	0	26	0.00 %	94	0	94	0.00 %
R230 - Miscellaneous - Other	284	1,250	-966	-22.69 %	7,920	15,000	-7,080	-52.80 %
R240 - Insurance Refunds	0	0	0	0.00 %	1,352	0	1,352	0.00 %
R250 - Interest Income	3,712	1,250	2,462	-297.07 %	16,404	15,000	1,404	-109.36 %
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	64,142	58,310	5,832	-110.00 %	477,071	700,000	-222,929	-68.15 %
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	39,709	5,848	33,861	-679.05 %	39,709	70,200	-30,491	-56.57 %
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	48,731	22,908	25,824	-212.73 %	197,519	275,000	-77,481	-71.83 %
R510 - Operating Reserve	0	270,009	-270,009	0.00 %	0	3,241,400	-3,241,400	0.00 %
Total Revenue:	241,487	1,117,178	-875,691	-21.62 %	5,311,338	13,411,500	-8,100,162	-39.60 %

EXHIBIT 9-E

92

Statement of Revenue Over Expense - No Decimals**For Fiscal: 2015-2016 Period Ending: 03/31/2016**

Level...	March Activity	March Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
Expense								
Level1: 100 - Personnel Costs								
1100 - Salaries & Wages	176,887	197,838	20,951	89.41 %	1,702,933	2,375,000	672,067	71.70 %
1110 - Manager's Auto Allowance	462	500	38	92.34 %	4,384	6,000	1,616	73.07 %
1120 - Manager's Deferred Comp	615	650	34	94.71 %	5,715	7,800	2,085	73.27 %
1130 - Unemployment Compensation	0	250	250	0.00 %	670	3,000	2,330	22.34 %
1140 - Insurance Opt-Out Supplemental	1,414	1,583	169	89.34 %	12,973	19,000	6,027	68.28 %
1150 - Temporary Personnel	4,056	5,914	1,858	68.58 %	40,846	71,000	30,154	57.53 %
1160 - PERS Retirement	18,256	33,811	15,555	53.99 %	340,905	405,900	64,995	83.99 %
1170 - Medical Insurance	26,370	25,865	-505	101.95 %	230,943	310,500	79,558	74.38 %
1180 - Medical Insurance - Retirees	6,078	4,798	-1,280	126.68 %	44,108	57,600	13,492	76.58 %
1190 - Workers Compensation	3,288	3,524	235	93.32 %	31,029	42,300	11,271	73.36 %
1200 - Life Insurance	402	458	56	87.75 %	3,943	5,500	1,557	71.70 %
1210 - Long Term Disability Insurance	1,116	1,166	50	95.69 %	9,797	14,000	4,203	69.98 %
1220 - Short Term Disability Insurance	222	250	28	88.65 %	1,934	3,000	1,066	64.47 %
1260 - Employee Assistance Program	66	100	34	65.82 %	606	1,200	594	50.50 %
1270 - FICA Tax Expense	506	400	-106	126.48 %	2,960	4,800	1,840	61.67 %
1280 - Medicare Tax Expense	2,330	2,907	577	80.14 %	22,071	34,900	12,829	63.24 %
1290 - Staff Development & Training	48	2,716	2,667	1.78 %	6,775	32,600	25,825	20.78 %
1300 - Conference Registration	0	267	267	0.00 %	2,545	3,200	655	79.53 %
1310 - Professional Dues	0	225	225	0.00 %	1,565	2,700	1,135	57.96 %
1320 - Personnel Recruitment	0	417	417	0.00 %	5,666	5,000	-666	113.32 %
Total Level1: 100 - Personnel Costs:	242,115	283,636	41,521	85.36 %	2,472,370	3,405,000	932,630	72.61 %
Level1: 200 - Supplies and Services								
2000 - Board Member Compensation	4,950	3,082	-1,868	160.60 %	18,260	37,000	18,740	49.35 %
2020 - Board Expenses	2,317	333	-1,983	695.27 %	8,373	4,000	-4,373	209.32 %
2040 - Rent	3,061	1,966	-1,095	155.71 %	15,225	23,600	8,375	64.51 %
2060 - Utilities	2,658	3,199	541	83.09 %	25,286	38,400	13,114	65.85 %
2120 - Insurance Expense	3,517	3,749	231	93.83 %	32,342	45,000	12,658	71.87 %
2130 - Membership Dues	0	2,291	2,291	0.00 %	22,564	27,500	4,936	82.05 %
2140 - Bank Charges	353	292	-61	120.94 %	3,666	3,500	-166	104.74 %
2150 - Office Supplies	1,792	1,358	-435	132.00 %	9,061	16,300	7,239	55.59 %
2160 - Courier Expense	843	666	-177	126.50 %	5,376	8,000	2,624	67.20 %
2170 - Printing/Photocopy	0	750	750	0.00 %	182	9,000	8,818	2.02 %
2180 - Postage & Shipping	603	333	-270	181.07 %	5,283	4,000	-1,283	132.06 %
2190 - IT Supplies/Services	9,306	8,780	-526	105.99 %	64,764	105,400	40,636	61.45 %
2200 - Professional Fees	6,600	11,246	4,646	58.69 %	180,458	135,000	-45,458	133.67 %
2220 - Equipment Repairs & Maintenance	0	583	583	0.00 %	5,589	7,000	1,411	79.85 %
2235 - Equipment Lease	946	1,250	303	75.72 %	9,809	15,000	5,191	65.39 %
2240 - Telephone	3,403	3,615	212	94.13 %	27,588	43,400	15,812	63.57 %
2260 - Facility Maintenance	3,356	2,899	-457	115.76 %	30,104	34,800	4,696	86.50 %
2270 - Travel Expenses	2,272	2,682	410	84.71 %	19,551	32,200	12,649	60.72 %

EXHIBIT 9-E

93

Statement of Revenue Over Expense - No Decimals**For Fiscal: 2015-2016 Period Ending: 03/31/2016**

Level...	March Activity	March Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
2280 - Transportation	782	1,883	1,101	41.52 %	23,022	22,600	-422	101.87 %
2300 - Legal Services	44,341	33,320	-11,021	133.08 %	360,326	400,000	39,674	90.08 %
2380 - Meeting Expenses	407	600	193	67.84 %	2,621	7,200	4,579	36.40 %
2420 - Legal Notices	161	358	198	44.84 %	1,574	4,300	2,726	36.60 %
2460 - Public Outreach	0	417	417	0.00 %	1,845	5,000	3,155	36.90 %
2480 - Miscellaneous	0	417	417	0.00 %	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	438	1,741	1,303	25.18 %	12,808	20,900	8,092	61.28 %
Total Level1: 200 - Supplies and Services:	92,105	89,473	-2,633	102.94 %	886,964	1,074,100	187,136	82.58 %
Level1: 300 - Other Expenses								
3000 - Project Expenses	370,859	658,095	287,236	56.35 %	3,070,983	7,900,300	4,829,317	38.87 %
4000 - Fixed Asset Purchases	0	12,037	12,037	0.00 %	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	44,606	18,992	-25,614	234.86 %	44,606	228,000	183,394	19.56 %
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 %
Total Level1: 300 - Other Expenses:	415,465	744,069	328,604	55.84 %	3,216,546	8,932,400	5,715,854	36.01 %
Total Expense:	749,686	1,117,178	367,492	67.11 %	6,575,880	13,411,500	6,835,620	49.03 %
Report Total:	-508,199	0	-508,199		-1,264,542	0	-1,264,542	

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

94

For Fiscal: 2015-2016 Period Ending: 03/31/2016

Fund Summary

Fund	March Activity	March Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
24 - MITIGATION FUND	-159,179	0	-159,179		-218,527	0	-218,527	
26 - CONSERVATION FUND	-109,996	0	-109,996		-147,075	0	-147,075	
35 - WATER SUPPLY FUND	-239,024	0	-239,024		-898,940	0	-898,940	
Report Total:	-508,199	0.08	-508,199		-1,264,542	0	-1,264,542	



Monterey Peninsula Water Management Dist

Statement of Revenue Over Expense - No Decimals

Group Summary

For Fiscal: 2015-2016 Period Ending: 03/31/2016

Level...	March Activity	March Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
Fund: 24 - MITIGATION FUND								
Revenue								
R110 - Mitigation Revenue	0	200,920	-200,920	0.00 %	1,184,110	2,412,000	-1,227,891	-49.09 %
R130 - User Fees	2,987	6,248	-3,261	-47.81 %	29,361	75,000	-45,639	-39.15 %
R160 - Well Registration Fee	0	167	-167	0.00 %	650	2,000	-1,350	-32.50 %
R180 - River Work Permit Application	0	0	0	0.00 %	75	0	75	0.00 %
R190 - WDS Permits Rule 21	3,714	4,665	-951	-79.62 %	43,643	56,000	-12,357	-77.93 %
R230 - Miscellaneous - Other	0	1,250	-1,250	0.00 %	443	15,000	-14,557	-2.95 %
R250 - Interest Income	142	541	-399	-26.29 %	1,338	6,500	-5,162	-20.59 %
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 %
Total Revenue:	6,843	252,441	-245,597	-2.71 %	1,408,408	3,030,500	-1,622,092	-46.47 %

EXHIBIT 9-E

96

Statement of Revenue Over Expense - No Decimals**For Fiscal: 2015-2016 Period Ending: 03/31/2016**

Level...	March Activity	March Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
Expense								
Level1: 100 - Personnel Costs								
1100 - Salaries & Wages	72,497	83,308	10,811	87.02 %	711,412	1,000,100	288,688	71.13 %
1110 - Manager's Auto Allowance	92	100	8	92.34 %	877	1,200	323	73.07 %
1120 - Manager's Deferred Comp	123	133	10	92.35 %	1,143	1,600	457	71.44 %
1130 - Unemployment Compensation	0	108	108	0.00 %	288	1,300	1,012	22.16 %
1140 - Insurance Opt-Out Supplemental	372	421	49	88.35 %	3,398	5,050	1,652	67.29 %
1150 - Temporary Personnel	0	42	42	0.00 %	4,732	500	-4,232	946.35 %
1160 - PERS Retirement	7,560	14,461	6,901	52.28 %	145,414	173,600	28,186	83.76 %
1170 - Medical Insurance	10,575	11,262	687	93.90 %	97,429	135,200	37,771	72.06 %
1180 - Medical Insurance - Retirees	2,614	2,066	-548	126.52 %	18,967	24,800	5,833	76.48 %
1190 - Workers Compensation	2,024	2,107	84	96.03 %	18,919	25,300	6,381	74.78 %
1200 - Life Insurance	181	196	14	92.65 %	1,703	2,350	647	72.47 %
1210 - Long Term Disability Insurance	469	516	48	90.74 %	4,174	6,200	2,026	67.32 %
1220 - Short Term Disability Insurance	93	108	15	85.92 %	824	1,300	476	63.42 %
1260 - Employee Assistance Program	27	42	15	64.27 %	250	500	250	50.09 %
1270 - FICA Tax Expense	331	192	-139	172.65 %	2,315	2,300	-15	100.64 %
1280 - Medicare Tax Expense	1,029	1,241	212	82.91 %	9,614	14,900	5,286	64.52 %
1290 - Staff Development & Training	0	841	841	0.00 %	1,825	10,100	8,275	18.07 %
1300 - Conference Registration	0	117	117	0.00 %	884	1,400	516	63.16 %
1310 - Professional Dues	0	83	83	0.00 %	440	1,000	560	44.02 %
1320 - Personnel Recruitment	0	175	175	0.00 %	2,172	2,100	-72	103.44 %
Total Level1: 100 - Personnel Costs:	97,987	117,520	19,532	83.38 %	1,026,781	1,410,800	384,019	72.78 %
Level1: 200 - Supplies and Services								
2000 - Board Member Compensation	2,129	1,324	-804	160.71 %	7,852	15,900	8,048	49.38 %
2020 - Board Expenses	996	142	-855	703.46 %	3,688	1,700	-1,988	216.96 %
2040 - Rent	1,480	908	-572	163.04 %	7,177	10,900	3,723	65.85 %
2060 - Utilities	1,162	1,383	221	84.02 %	11,009	16,600	5,591	66.32 %
2120 - Insurance Expense	1,512	1,608	95	94.07 %	13,907	19,300	5,393	72.06 %
2130 - Membership Dues	0	833	833	0.00 %	9,494	10,000	506	94.94 %
2140 - Bank Charges	151	125	-26	120.86 %	1,236	1,500	264	82.41 %
2150 - Office Supplies	717	583	-133	122.88 %	3,848	7,000	3,152	54.98 %
2160 - Courier Expense	362	283	-79	127.99 %	2,306	3,400	1,094	67.83 %
2170 - Printing/Photocopy	0	233	233	0.00 %	78	2,800	2,722	2.80 %
2180 - Postage & Shipping	259	142	-118	183.21 %	2,224	1,700	-524	130.85 %
2190 - IT Supplies/Services	4,002	3,790	-211	105.58 %	27,849	45,500	17,652	61.21 %
2200 - Professional Fees	2,838	4,831	1,993	58.74 %	77,597	58,000	-19,597	133.79 %
2220 - Equipment Repairs & Maintenance	0	250	250	0.00 %	2,403	3,000	597	80.11 %
2235 - Equipment Lease	407	533	126	76.31 %	4,218	6,400	2,182	65.90 %
2240 - Telephone	1,511	1,558	47	96.97 %	11,963	18,700	6,737	63.97 %
2260 - Facility Maintenance	1,443	1,258	-185	114.72 %	12,970	15,100	2,131	85.89 %
2270 - Travel Expenses	987	900	-87	109.66 %	4,357	10,800	6,443	40.34 %

EXHIBIT 9-E

97

Statement of Revenue Over Expense - No Decimals**For Fiscal: 2015-2016 Period Ending: 03/31/2016**

Level...	March Activity	March Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
2280 - Transportation	374	733	359	50.97 %	14,097	8,800	-5,297	160.19 %
2300 - Legal Services	12,746	7,497	-5,249	170.01 %	101,756	90,000	-11,756	113.06 %
2380 - Meeting Expenses	194	225	31	86.25 %	1,151	2,700	1,549	42.63 %
2420 - Legal Notices	69	150	81	46.07 %	206	1,800	1,594	11.43 %
2460 - Public Outreach	0	175	175	0.00 %	728	2,100	1,372	34.66 %
2480 - Miscellaneous	0	183	183	0.00 %	554	2,200	1,646	25.20 %
2900 - Operating Supplies	180	283	103	63.58 %	661	3,400	2,739	19.46 %
Total Level1: 200 - Supplies and Services:	33,518	29,930	-3,588	111.99 %	323,330	359,300	35,970	89.99 %
Level1: 300 - Other Expenses								
3000 - Project Expenses	15,337	59,043	43,706	25.98 %	242,709	708,800	466,091	34.24 %
4000 - Fixed Asset Purchases	0	5,581	5,581	0.00 %	14,934	67,000	52,066	22.29 %
5500 - Election Expenses	19,181	8,163	-11,017	234.96 %	19,181	98,000	78,819	19.57 %
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 %
Total Level1: 300 - Other Expenses:	34,517	104,991	70,474	32.88 %	276,823	1,260,400	983,577	21.96 %
Total Expense:	166,022	252,441	86,418	65.77 %	1,626,935	3,030,500	1,403,565	53.69 %
Total Revenues	6,843	252,441	-245,597	-2.71 %	1,408,408	3,030,500	-1,622,092	-46.47 %
Total Fund: 24 - MITIGATION FUND:	-159,179	0	-159,179		-218,527	0	-218,527	

EXHIBIT 9-E

98

Statement of Revenue Over Expense - No Decimals**For Fiscal: 2015-2016 Period Ending: 03/31/2016**

Level...	March Activity	March Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
Fund: 26 - CONSERVATION FUND								
Revenue								
R120 - Property Taxes Revenues	0	90,131	-90,131	0.00 %	649,378	1,082,000	-432,622	-60.02 %
R130 - User Fees	551	0	551	0.00 %	5,418	0	5,418	0.00 %
R150 - Permit Processing Fee	18,131	14,578	3,554	-124.38 %	117,191	175,000	-57,809	-66.97 %
R200 - Recording Fees	1,259	666	593	-188.93 %	8,876	8,000	876	-110.95 %
R210 - Legal Fees	456	1,250	-794	-36.49 %	2,101	15,000	-12,899	-14.01 %
R230 - Miscellaneous - Other	0	0	0	0.00 %	1,082	0	1,082	0.00 %
R250 - Interest Income	1,436	333	1,103	-430.92 %	3,111	4,000	-889	-77.78 %
R270 - CAW - Rebates	64,142	58,310	5,832	-110.00 %	477,071	700,000	-222,929	-68.15 %
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 %
Total Revenue:	85,975	189,757	-103,783	-45.31 %	1,264,229	2,278,000	-1,013,771	-55.50 %

EXHIBIT 9-E

99

Statement of Revenue Over Expense - No Decimals**For Fiscal: 2015-2016 Period Ending: 03/31/2016**

Level...	March Activity	March Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
Expense								
Level1: 100 - Personnel Costs								
1100 - Salaries & Wages	43,551	44,749	1,198	97.32 %	426,429	537,200	110,771	79.38 %
1110 - Manager's Auto Allowance	92	100	8	92.34 %	877	1,200	323	73.07 %
1120 - Manager's Deferred Comp	123	133	10	92.35 %	1,143	1,600	457	71.44 %
1130 - Unemployment Compensation	0	58	58	0.00 %	161	700	539	22.97 %
1140 - Insurance Opt-Out Supplemental	372	421	49	88.35 %	3,398	5,050	1,652	67.29 %
1150 - Temporary Personnel	4,056	5,848	1,792	69.36 %	32,483	70,200	37,717	46.27 %
1160 - PERS Retirement	4,302	7,755	3,454	55.47 %	81,187	93,100	11,913	87.20 %
1170 - Medical Insurance	7,441	6,656	-785	111.80 %	66,222	79,900	13,678	82.88 %
1180 - Medical Insurance - Retirees	1,459	1,150	-309	126.90 %	10,586	13,800	3,214	76.71 %
1190 - Workers Compensation	166	175	9	94.88 %	1,643	2,100	458	78.21 %
1200 - Life Insurance	89	133	44	66.66 %	1,019	1,600	581	63.67 %
1210 - Long Term Disability Insurance	289	262	-27	110.11 %	2,514	3,150	636	79.80 %
1220 - Short Term Disability Insurance	57	58	1	98.46 %	498	700	202	71.17 %
1260 - Employee Assistance Program	19	25	6	76.79 %	174	300	126	58.06 %
1270 - FICA Tax Expense	74	42	-32	176.83 %	272	500	228	54.34 %
1280 - Medicare Tax Expense	619	650	30	95.34 %	6,128	7,800	1,672	78.56 %
1290 - Staff Development & Training	48	1,200	1,151	4.04 %	3,574	14,400	10,826	24.82 %
1300 - Conference Registration	0	50	50	0.00 %	999	600	-399	166.50 %
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 %
Total Level1: 100 - Personnel Costs:	62,757	69,614	6,857	90.15 %	641,325	835,700	194,375	76.74 %
Level1: 200 - Supplies and Services								
2000 - Board Member Compensation	1,188	741	-447	160.24 %	4,382	8,900	4,518	49.24 %
2020 - Board Expenses	556	83	-473	667.45 %	2,059	1,000	-1,059	205.86 %
2040 - Rent	172	258	86	66.55 %	1,492	3,100	1,608	48.12 %
2060 - Utilities	623	758	135	82.13 %	5,967	9,100	3,133	65.57 %
2120 - Insurance Expense	844	900	56	93.83 %	7,762	10,800	3,038	71.87 %
2130 - Membership Dues	0	808	808	0.00 %	5,685	9,700	4,015	58.61 %
2140 - Bank Charges	84	67	-17	125.96 %	699	800	101	87.34 %
2150 - Office Supplies	511	325	-186	157.28 %	2,328	3,900	1,572	59.70 %
2160 - Courier Expense	202	167	-36	121.44 %	1,509	2,000	491	75.45 %
2170 - Printing/Photocopy	0	342	342	0.00 %	44	4,100	4,056	1.07 %
2180 - Postage & Shipping	145	83	-62	173.83 %	1,326	1,000	-326	132.62 %
2190 - IT Supplies/Services	2,301	2,058	-243	111.83 %	15,544	24,700	9,156	62.93 %
2200 - Professional Fees	1,584	2,699	1,115	58.69 %	43,310	32,400	-10,910	133.67 %
2220 - Equipment Repairs & Maintenance	0	142	142	0.00 %	1,341	1,700	359	78.91 %
2235 - Equipment Lease	227	300	73	75.72 %	2,389	3,600	1,211	66.36 %
2240 - Telephone	745	800	55	93.14 %	6,461	9,600	3,139	67.31 %
2260 - Facility Maintenance	805	641	-164	125.56 %	7,211	7,700	489	93.65 %
2270 - Travel Expenses	541	1,033	492	52.40 %	10,456	12,400	1,944	84.33 %

EXHIBIT 9-E

100

Statement of Revenue Over Expense - No Decimals**For Fiscal: 2015-2016 Period Ending: 03/31/2016**

Level...	March Activity	March Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
2280 - Transportation	278	417	139	66.68 %	5,330	5,000	-330	106.60 %
2300 - Legal Services	7,305	4,998	-2,307	146.16 %	37,073	60,000	22,927	61.79 %
2380 - Meeting Expenses	90	200	110	44.83 %	619	2,400	1,781	25.79 %
2420 - Legal Notices	39	92	53	42.07 %	115	1,100	985	10.44 %
2460 - Public Outreach	0	100	100	0.00 %	458	1,200	742	38.15 %
2480 - Miscellaneous	0	100	100	0.00 %	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	100	1,216	1,116	8.26 %	11,754	14,600	2,846	80.51 %
Total Level1: 200 - Supplies and Services:	18,339	19,984	1,644	91.77 %	175,623	239,900	64,277	73.21 %
Level1: 300 - Other Expenses								
3000 - Project Expenses	104,169	92,588	-11,581	112.51 %	581,758	1,111,500	529,742	52.34 %
4000 - Fixed Asset Purchases	0	1,491	1,491	0.00 %	1,893	17,900	16,007	10.57 %
5500 - Election Expenses	10,705	4,582	-6,124	233.67 %	10,705	55,000	44,295	19.46 %
6000 - Contingencies	0	1,499	1,499	0.00 %	0	18,000	18,000	0.00 %
Total Level1: 300 - Other Expenses:	114,875	100,160	-14,715	114.69 %	594,356	1,202,400	608,044	49.43 %
Total Expense:	195,971	189,757	-6,213	103.27 %	1,411,304	2,278,000	866,696	61.95 %
Total Revenues	85,975	189,757	-103,783	-45.31 %	1,264,229	2,278,000	-1,013,771	-55.50 %
Total Fund: 26 - CONSERVATION FUND:	-109,996	0	-109,996		-147,075	0	-147,075	

EXHIBIT 9-E

101

Statement of Revenue Over Expense - No Decimals**For Fiscal: 2015-2016 Period Ending: 03/31/2016**

Level...	March Activity	March Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
Fund: 35 - WATER SUPPLY FUND								
Revenue								
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	57,785	14,578	43,208	-396.40 %	251,775	175,000	76,775	-143.87 %
R220 - Copy Fee	26	0	26	0.00 %	94	0	94	0.00 %
R230 - Miscellaneous - Other	284	0	284	0.00 %	6,395	0	6,395	0.00 %
R240 - Insurance Refunds	0	0	0	0.00 %	1,352	0	1,352	0.00 %
R250 - Interest Income	2,134	375	1,759	-569.23 %	11,955	4,500	7,455	-265.66 %
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	39,709	5,848	33,861	-679.05 %	39,709	70,200	-30,491	-56.57 %
R320 - Grants	48,731	0	48,731	0.00 %	48,731	0	48,731	0.00 %
R510 - Operating Reserve	0	256,764	-256,764	0.00 %	0	3,082,400	-3,082,400	0.00 %
Total Revenue:	148,669	674,980	-526,311	-22.03 %	2,638,702	8,103,000	-5,464,298	-32.56 %

EXHIBIT 9-E

102

Statement of Revenue Over Expense - No Decimals**For Fiscal: 2015-2016 Period Ending: 03/31/2016**

Level...	March Activity	March Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
Expense								
Level1: 100 - Personnel Costs								
1100 - Salaries & Wages	60,839	69,780	8,942	87.19 %	565,092	837,700	272,608	67.46 %
1110 - Manager's Auto Allowance	277	300	23	92.34 %	2,631	3,600	969	73.08 %
1120 - Manager's Deferred Comp	369	383	14	96.36 %	3,429	4,600	1,171	74.55 %
1130 - Unemployment Compensation	0	83	83	0.00 %	221	1,000	779	22.11 %
1140 - Insurance Opt-Out Supplemental	671	741	71	90.48 %	6,177	8,900	2,723	69.40 %
1150 - Temporary Personnel	0	25	25	0.00 %	3,631	300	-3,331	1,210.44 %
1160 - PERS Retirement	6,394	11,595	5,201	55.14 %	114,304	139,200	24,896	82.11 %
1170 - Medical Insurance	8,354	7,947	-407	105.12 %	67,292	95,400	28,108	70.54 %
1180 - Medical Insurance - Retirees	2,006	1,583	-423	126.73 %	14,556	19,000	4,444	76.61 %
1190 - Workers Compensation	1,098	1,241	143	88.50 %	10,467	14,900	4,433	70.25 %
1200 - Life Insurance	132	129	-3	102.08 %	1,221	1,550	329	78.80 %
1210 - Long Term Disability Insurance	358	387	29	92.52 %	3,109	4,650	1,541	66.87 %
1220 - Short Term Disability Insurance	71	83	12	85.35 %	611	1,000	389	61.15 %
1260 - Employee Assistance Program	20	33	13	59.53 %	181	400	219	45.34 %
1270 - FICA Tax Expense	101	167	65	60.79 %	374	2,000	1,626	18.68 %
1280 - Medicare Tax Expense	681	1,016	335	67.04 %	6,330	12,200	5,870	51.88 %
1290 - Staff Development & Training	0	675	675	0.00 %	1,375	8,100	6,725	16.98 %
1300 - Conference Registration	0	100	100	0.00 %	662	1,200	538	55.15 %
1310 - Professional Dues	0	92	92	0.00 %	407	1,100	693	36.98 %
1320 - Personnel Recruitment	0	142	142	0.00 %	2,194	1,700	-494	129.04 %
Total Level1: 100 - Personnel Costs:	81,371	96,503	15,132	84.32 %	804,264	1,158,500	354,236	69.42 %
Level1: 200 - Supplies and Services								
2000 - Board Member Compensation	1,634	1,016	-617	160.74 %	6,026	12,200	6,174	49.39 %
2020 - Board Expenses	764	108	-656	705.97 %	2,626	1,300	-1,326	201.97 %
2040 - Rent	1,409	800	-609	176.17 %	6,556	9,600	3,044	68.29 %
2060 - Utilities	873	1,058	184	82.57 %	8,310	12,700	4,390	65.43 %
2120 - Insurance Expense	1,161	1,241	81	93.51 %	10,673	14,900	4,227	71.63 %
2130 - Membership Dues	0	650	650	0.00 %	7,386	7,800	414	94.69 %
2140 - Bank Charges	118	100	-18	117.70 %	1,731	1,200	-531	144.25 %
2150 - Office Supplies	565	450	-115	125.57 %	2,884	5,400	2,516	53.41 %
2160 - Courier Expense	278	217	-62	128.45 %	1,561	2,600	1,039	60.03 %
2170 - Printing/Photocopy	0	175	175	0.00 %	60	2,100	2,040	2.86 %
2180 - Postage & Shipping	199	108	-91	183.86 %	1,732	1,300	-432	133.22 %
2190 - IT Supplies/Services	3,004	2,932	-71	102.44 %	21,372	35,200	13,828	60.71 %
2200 - Professional Fees	2,178	3,715	1,537	58.62 %	59,551	44,600	-14,951	133.52 %
2220 - Equipment Repairs & Maintenance	0	192	192	0.00 %	1,844	2,300	456	80.19 %
2235 - Equipment Lease	312	417	104	74.96 %	3,202	5,000	1,798	64.04 %
2240 - Telephone	1,148	1,258	110	91.24 %	9,164	15,100	5,936	60.69 %
2260 - Facility Maintenance	1,107	1,000	-108	110.78 %	9,923	12,000	2,077	82.69 %
2270 - Travel Expenses	744	750	5	99.27 %	4,738	9,000	4,262	52.64 %

EXHIBIT 9-E

103

Statement of Revenue Over Expense - No Decimals**For Fiscal: 2015-2016 Period Ending: 03/31/2016**

Level...	March Activity	March Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
2280 - Transportation	130	733	603	17.76 %	3,595	8,800	5,205	40.86 %
2300 - Legal Services	24,290	20,825	-3,465	116.64 %	221,497	250,000	28,503	88.60 %
2380 - Meeting Expenses	123	175	52	70.45 %	851	2,100	1,249	40.53 %
2420 - Legal Notices	53	117	64	45.45 %	1,253	1,400	147	89.52 %
2460 - Public Outreach	0	142	142	0.00 %	659	1,700	1,041	38.78 %
2480 - Miscellaneous	0	133	133	0.00 %	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	158	242	84	65.30 %	393	2,900	2,507	13.54 %
Total Level1: 200 - Supplies and Services:	40,248	39,559	-689	101.74 %	388,012	474,900	86,888	81.70 %
Level1: 300 - Other Expenses								
3000 - Project Expenses	251,353	506,464	255,111	49.63 %	2,246,517	6,080,000	3,833,483	36.95 %
4000 - Fixed Asset Purchases	0	4,965	4,965	0.00 %	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	14,720	6,248	-8,472	235.61 %	14,720	75,000	60,280	19.63 %
6000 - Contingencies	0	2,083	2,083	0.00 %	0	25,000	25,000	0.00 %
Total Level1: 300 - Other Expenses:	266,073	538,918	272,844	49.37 %	2,345,366	6,469,600	4,124,234	36.25 %
Total Expense:	387,693	674,980	287,287	57.44 %	3,537,642	8,103,000	4,565,358	43.66 %
Total Revenues	148,669	674,980	-526,311	-22.03 %	2,638,702	8,103,000	-5,464,298	-32.56 %
Total Fund: 35 - WATER SUPPLY FUND:	-239,024	0	-239,024		-898,940	0	-898,940	
Report Total:	-508,199	0	-508,199		-1,264,542	0	-1,264,542	

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

104

For Fiscal: 2015-2016 Period Ending: 03/31/2016

Fund Summary

Fund	March Activity	March Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
24 - MITIGATION FUND	-159,179	0	-159,179		-218,527	0	-218,527	
26 - CONSERVATION FUND	-109,996	0	-109,996		-147,075	0	-147,075	
35 - WATER SUPPLY FUND	-239,024	0	-239,024		-898,940	0	-898,940	
Report Total:	-508,199	0.08	-508,199		-1,264,542	0	-1,264,542	

ITEM: CONSENT CALENDAR**10. RECEIVE AND FILE THIRD QUARTER FINANCIAL ACTIVITY REPORT FOR FISCAL YEAR 2015-2016****Meeting Date:** May 16, 2016 **Budgeted:** N/A**From:** David J. Stoldt,
General Manager **Program/
Line Item No.:** N/A**Prepared By:** Suresh Prasad **Cost Estimate:** N/A**General Counsel Review:** N/A**Committee Recommendation:** The Administrative Committee reviewed this item on May 9, 2016 and recommended approval.**CEQA Compliance:** N/A

SUMMARY: The third quarter of Fiscal Year (FY) 2015-2016 came to a conclusion on March 31, 2016. Table comparing budgeted and actual year-to-date revenues and expenditures for the period are included as **Exhibit 10-A**. **Exhibits 10-B** and **10-C** presents the same information in a bar graph format. The following comments summarize District staff's observations:

REVENUES

The revenues graph compares amounts received through the second quarter and conclusion of FY 2015-2016 to the amounts budgeted for that same time period. Total revenues collected were \$5,311,338, or 52.8% of the budgeted amount of \$10,058,625. Variances within the individual revenue categories are described below:

- Water Supply Charge revenues were \$1,985,810, or 77.9% of the budget for the period. The first installment of this revenue was received in December 2015.
- Mitigation revenue was \$1,184,110, or 65.5% of the budget. Mitigation revenue is billed and collected in arrears.
- Property tax revenues were \$942,259, or 80.0% of the budget for the period. The first installment of this revenue was received in December 2015.
- User fee revenues were \$34,779, or about 61.8% of the amount budgeted. This is below the budgeted amount as Reclamation Project's share is billed and collected at the end of the fiscal year.
- Connection Charge revenues were \$251,775, or 191.8% of the budget for the period. Budget figures are forecasted based on estimated number of customers pulling permits.
- Permit Fees revenues were \$161,559, or 93.3% of the budget for the period. Budget figures are forecasted based on estimated number of customers pulling permits.
- Interest revenues were \$16,404, or 145.8% of the budget for the period. This is due to interest rates on investment CD's higher than budgeted estimates.
- Project reimbursements of \$516,780, or 34.9% of the budget. This is based on actual spending and collection of reimbursement project funds.

- Grant revenue of \$197,519, or 95.8% of the budget. This is based on actual spending and collection of grant funded projects.
- The “Other” revenue category totaled \$20,343 or about 67.8% of the budgeted amount. This line includes reimbursement revenues from legal and other miscellaneous services.
- The Reserves category totaled \$0 or about 0.00% of the budgeted amount. This category includes potential use of reserves for which allocations are made at the conclusion of the fiscal year.

EXPENDITURES

Expenditure activity as depicted on the expenditure table is similar to patterns seen in past fiscal years. Total expenditures of \$6,575,879 were about 65.4% of the budgeted amount of \$10,058,625 for the period. Variances within the individual expenditure categories are described below:

- Personnel costs of \$2,472,370 were about 96.8% of the budget. This was slightly lower than anticipated budget due to vacant positions.
- Expenditures for supplies and services were \$886,964, or about 110.1% of the budgeted amount. This was slightly higher than anticipated budget due to increase in legal services.
- Fixed assets purchases of \$30,886 represented around 28.5% of the budgeted amount as some of the purchases were deferred to next quarter.
- Funds spent for project expenditures were \$3,070,983, or approximately 51.8% of the amount budgeted for the period. This is due to project spending being deferred to next quarter.
- Debt Service included costs of \$70,070, or 40.6% of the budget for the period. Additional debt service costs will be paid in fourth quarter of the fiscal year.
- Contingencies/Other expenditures \$0, or about 0% of the budgeted amount. This was due to the contingency budget not spent during this quarter.
- Reserve expenditures of \$0, or 0% of the budgeted amount. This was due to allocations being made at the conclusion of the fiscal year.

EXHIBITS

10-A Revenue and Expenditure Table

10-B Revenue Graph

10-C Expenditure Graph

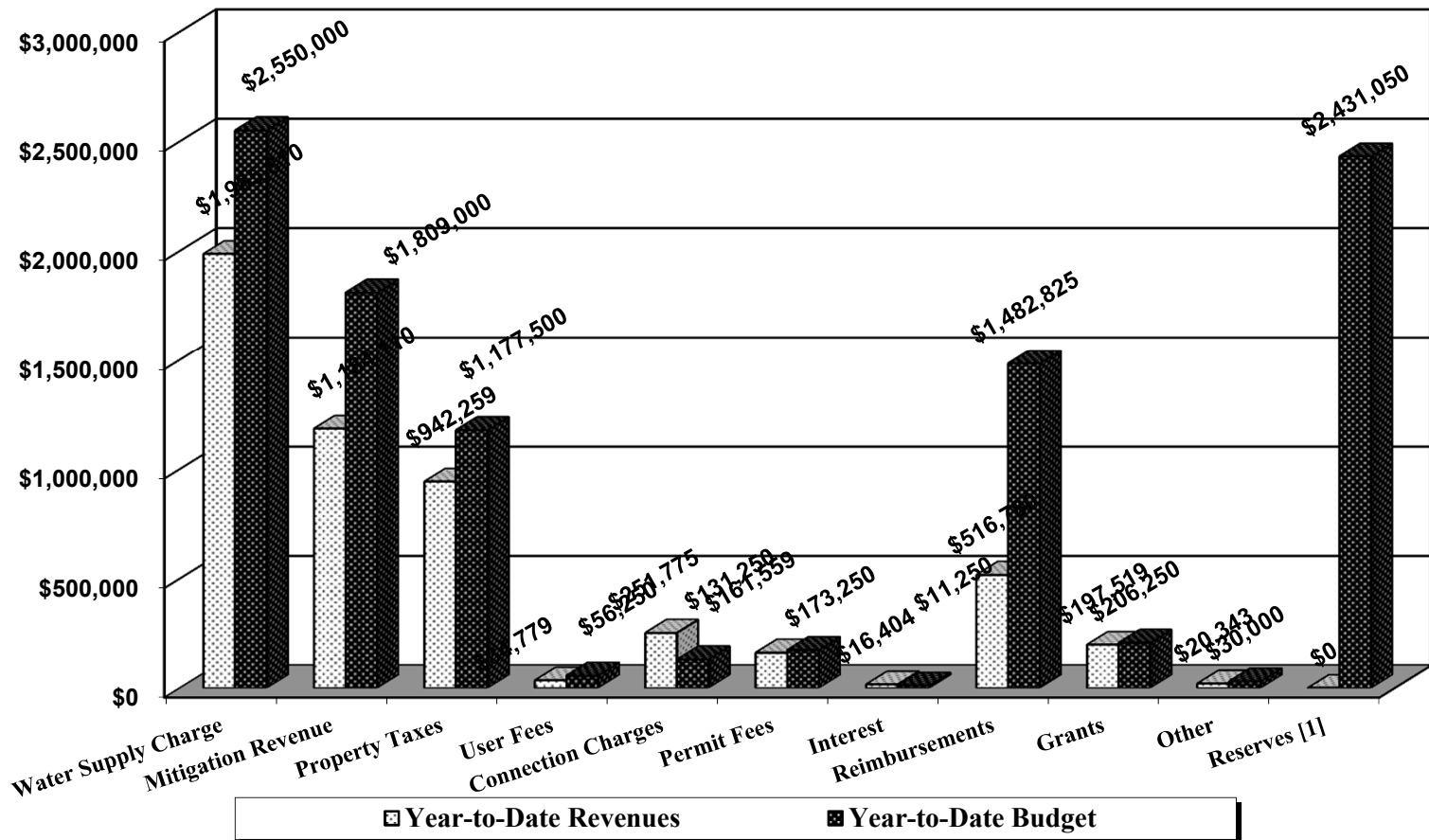
**Monterey Peninsula Water Management District
Third Quarter Report on Financial Activity
Fiscal Year 2015-2016**

	Year-to-Date <u>Revenues</u>	Year-to-Date <u>Budget</u>	<u>Variance</u>	Percent of <u>Budget</u>
Water Supply Charge	\$1,985,810	\$2,550,000	\$564,190	77.9%
Mitigation Revenue	\$1,184,110	\$1,809,000	\$624,890	65.5%
Property Taxes	\$942,259	\$1,177,500	\$235,241	80.0%
User Fees	\$34,779	\$56,250	\$21,471	61.8%
Connection Charges	\$251,775	\$131,250	(\$120,525)	191.8%
Permit Fees	\$161,559	\$173,250	\$11,691	93.3%
Interest	\$16,404	\$11,250	(\$5,154)	145.8%
Reimbursements	\$516,780	\$1,482,825	\$966,045	34.9%
Grants	\$197,519	\$206,250	\$8,731	95.8%
Other	\$20,343	\$30,000	\$9,657	67.8%
Reserves [1]	\$0	\$2,431,050	\$2,431,050	0.0%
Total Revenues	<u>\$5,311,338</u>	<u>\$10,058,625</u>	<u>\$4,747,287</u>	<u>52.8%</u>

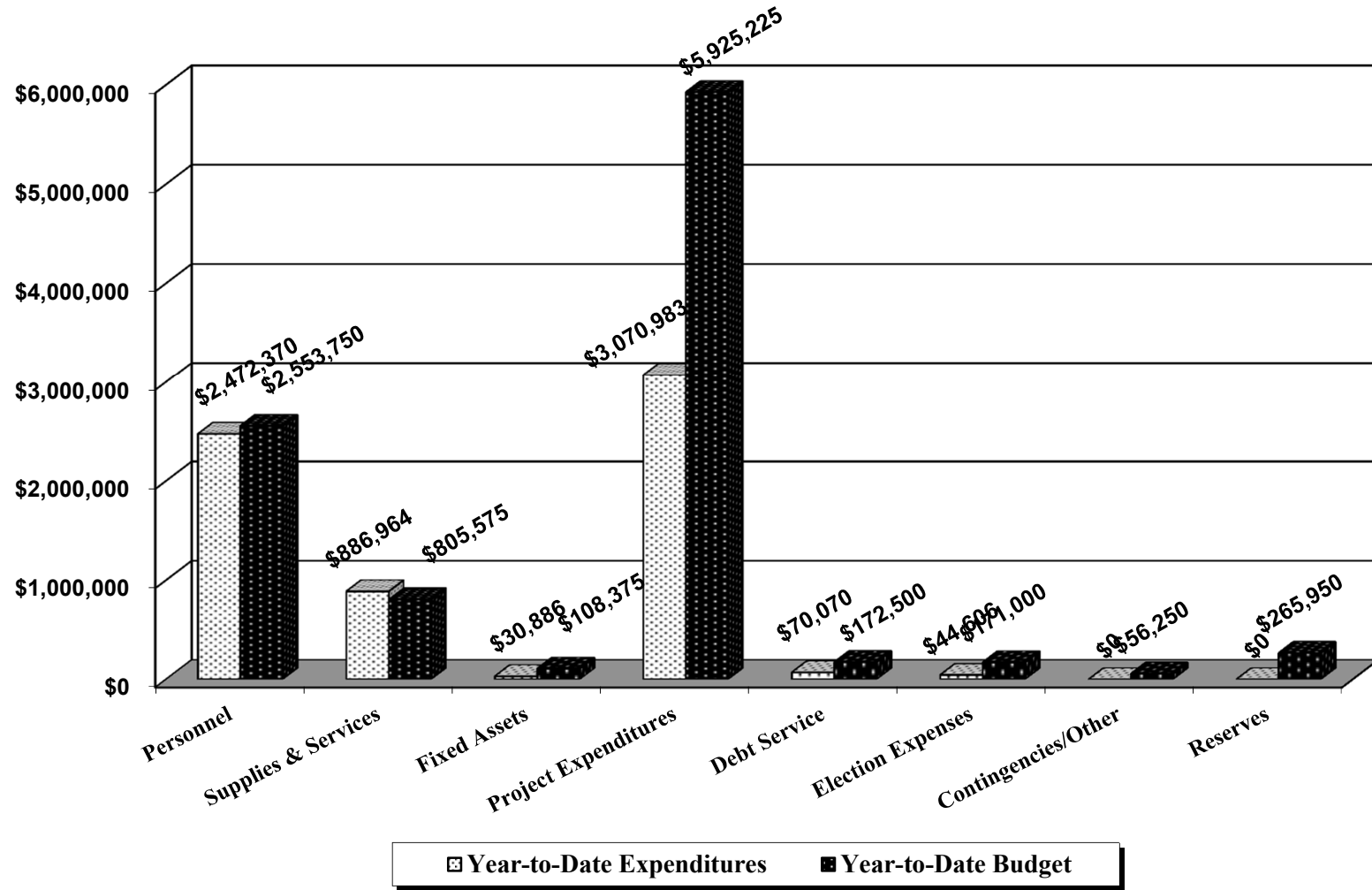
	Year-to-Date <u>Expenditures</u>	Year-to-Date <u>Budget</u>	<u>Variance</u>	Percent of <u>Budget</u>
Personnel	\$2,472,370	\$2,553,750	\$81,380	96.8%
Supplies & Services	\$886,964	\$805,575	(\$81,389)	110.1%
Fixed Assets	\$30,886	\$108,375	\$77,489	28.5%
Project Expenditures	\$3,070,983	\$5,925,225	\$2,854,242	51.8%
Debt Service	\$70,070	\$172,500	\$102,430	40.6%
Election Expenses	\$44,606	\$171,000	\$126,394	26.1%
Contingencies/Other	\$0	\$56,250	\$56,250	0.0%
Reserves	\$0	\$265,950	\$265,950	0.0%
Total Expenditures	<u>\$6,575,879</u>	<u>\$10,058,625</u>	<u>\$3,482,746</u>	<u>65.4%</u>

[1] Budget column includes fund balance, water supply carry forward,
and reserve fund

REVENUES
Fiscal Year Ended March 31, 2016
 Year-to-Date Actual Revenues \$5,311,338
 Year-to-Date Budgeted Revenues \$10,058,625



EXPENDITURES
Fiscal Year Ended March 31, 2016
 Year-to-Date Actual Exenditures \$6,575,879
 Year-to-Date Budgeted Expenditures \$10,058,625



ITEM: CONSENT CALENDAR

11. CONSIDER APPROVAL OF THIRD QUARTER FISCAL YEAR 2015-2016 INVESTMENT REPORT

Meeting Date: May 16, 2016 **Budgeted:** N/A

From:	David J. Stoldt,	Program/	N/A
	General Manager	Line Item No.:	

Prepared By: Suresh Prasad **Cost Estimate:** N/A

General Counsel Review: N/A

Committee Recommendation: The Administrative Committee considered this item on May 9, 2016 and recommended approval.

CEQA Compliance: N/A

SUMMARY: The District’s investment policy requires that each quarter the Board of Directors receive and approve a report of investments held by the District. **Exhibit 11-A** is the report for the quarter ending March 31, 2016. District staff has determined that these investments do include sufficient liquid funds to meet anticipated expenditures for the next six months and as a result this portfolio is in compliance with the current District investment policy. This portfolio is also in compliance with the California Government Code, and the permitted investments of Monterey County.

RECOMMENDATION: The Administrative Committee considered this item at its May 9, 2016 meeting and voted 3 to 0 to recommend approval.

EXHIBIT

11-A Investment Report as of March 31, 2016

EXHIBIT 11-A

115

**MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
INVESTMENT REPORT AS OF MARCH 31, 2016****MPWMD**

Issuing Institution Security Description	Purchase Date	Maturity Date	Cost Basis	Par Value	Market Value	Annual Rate of Return	Portfolio Distribution
Local Agency Investment Fund	01/01/16	01/02/16	\$1,896,918	\$1,896,918	\$1,896,918	0.460%	48.99%
Bank of America:							
Money Market	01/01/16	01/02/16	20,898	20,898	20,898	0.037%	
Checking	01/01/16	01/02/16	(54,786)	(54,786)	(54,786)	0.000%	
			(\$33,888)	(\$33,888)	(\$33,888)		-0.88%
Wells Fargo Money Market	01/01/16	01/02/16	509,368	509,368	509,368	0.010%	
Wells Fargo Institutional Securities:							
Interest Bearing Certificate of Deposit	04/15/14	04/18/17	\$250,000	\$250,000	\$250,130	1.050%	
Interest Bearing Certificate of Deposit	07/09/14	07/10/17	\$250,000	\$250,000	\$249,609	1.150%	
Interest Bearing Certificate of Deposit	04/10/15	10/10/17	\$250,000	\$250,000	\$249,234	1.100%	
Interest Bearing Certificate of Deposit	03/27/15	03/27/18	\$250,000	\$250,000	\$247,584	1.150%	
Interest Bearing Certificate of Deposit	06/17/15	06/18/18	\$250,000	\$250,000	\$247,352	1.550%	
Interest Bearing Certificate of Deposit	09/30/15	10/01/18	\$250,000	\$250,000	\$249,264	1.650%	
			\$2,009,368	\$2,009,368	\$2,002,540	0.954%	51.89%
TOTAL MPWMD			\$3,872,398	\$3,872,398	\$3,865,570	0.721%	

CAWD/PBCSD WASTEWATER RECLAMATION PROJECT

Issuing Institution Security Description	Purchase Date	Maturity Date	Cost Basis	Par Value	Market Value	Annual Rate of Return	Portfolio Distribution
US Bank Corp Trust Services:							7.05%
Certificate Payment Fund	01/01/16	01/02/16	791	791	791	0.000%	
Interest Fund	01/01/16	01/02/16	327	327	327	0.000%	
Rebate Fund	01/01/16	01/02/16	19	19	19	0.000%	
			\$1,136	\$1,136	\$1,136	0.000%	
Bank of America:							92.95%
Money Market Fund	01/01/16	01/02/16	14,968	14,968	\$14,968	0.033%	
TOTAL WASTEWATER RECLAMATION PROJECT			\$16,104	\$16,104	\$16,104	0.031%	

These investments do include sufficient liquid funds to meet anticipated expenditures for the next six months as reflected in the FY 2015-2016 annual budget adopted on June 15, 2015.

ITEM: PUBLIC HEARING**16. CONSIDER SECOND READING AND ADOPTION OF ORDINANCE NO. 170 - AMENDING RULES 11, 20, 21, 22, 23, 24, 25.5, 142, AND 143****Meeting Date:** May 16, 2016 **Budgeted:** N/A**From:** David J. Stoldt,
General Manager **Program/** N/A
Line Item No.:**Prepared By:** Stephanie Locke **Cost Estimate:** N/A**General Counsel Review:** Yes.**Committee Recommendation:** Recommended by Water Demand Committee April 6, 2016.**CEQA Compliance:** Categorical Exemption.

SUMMARY: Attached as **Exhibit 16-A** is revised Ordinance No. 170, “2016 Rule Amendment Ordinance.” This ordinance addresses certain actions necessary to process and issue Water Permits and Water Distribution System Permits, adds recent amendments to the California Code of Regulations (Title 20, Sections 1601-1608), and clarifies permitting and conservation requirements. The ordinance also clarifies that sub-metering is not available for new Single Family Residences when the sub-metered home could be separately owned from the metered residence.

DISCUSSION: The ordinance has been written with an explanation of the proposed changes in each section.

RECOMMENDATION: The Board should approve the second reading and adoption of Ordinance No. 170.

EXHIBIT**16-A** Draft Ordinance No. 170

EXHIBIT 16-A**DRAFT
ORDINANCE NO. 170****AN ORDINANCE OF THE BOARD OF DIRECTORS
OF THE
MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
AMENDING RULES 11, 20, 21, 22, 23, 24, 25.5, 142, AND 143****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) 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.
5. 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.

6. Rule 20-C, Exemptions for Water Distribution System Permit, is amended to exempt rainwater catchment facilities (e.g. Cisterns) that are used for irrigation.
7. 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.
8. 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 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.
9. Rule 23 is amended to correct the title of the Rule to match Rule 20-B.
10. Rule 23-A-1-(i)-(4) shall be amended to address potential transfers of sub-metered Single-Family Dwellings to non-identical ownership. Sub-metered Sites under separate ownership from the metered Site are problematic to enforce metering requirements (e.g. conditions of approval for sub-metering) and Water Rationing.
11. Rule 24-E, Calculation of Water Capacity and Capacity Fees, is amended to add language from Title 23 of the California Code of Regulations regarding submitting a Landscape Documentation Package during the Landscape review process. This Rule is also amended to delete reference to an administrative processing fee, as this fee is found in Rule 60.
12. 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.
13. 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.
14. Rule 143, Water Efficiency Standards for Existing Non-Residential Uses, is amended to reflect 2015 changes to the California Code of Regulations (Title 20, Sections 1601-

1608).

15. 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:

DRAFT

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, to add to the Rules and Regulations recent amendments to the California Code of Regulations (Title 20, Sections 1601-1608), and to clarify permitting and conservation requirements.

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 Malpas 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~~ ***amendment to*** the California American Water system; due to the inability of a permitted ***Non-California American Water Company*** 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: **Amendment of Rule 23, Action on Application for a Water Permit to Connect to or Modify an Existing Water Distribution System**

- A. The title of Rule 23 shall be amended as shown in bold italics (***bold italics***) and strikethrough (~~strikethrough~~) to correct the title to match Rule 20-B:

Rule 23 - Amendment of Rule 23, Action on Application for a Water Permit to Connect to or Modify ***a Connection to*** an Existing Water Distribution System

- B. Rule 23-A-1-(i)-(4) shall be amended as shown in bold italics (***bold italics***) and strikethrough (~~strikethrough~~) to address potential transfers of sub-metered Single-Family Dwellings to non-identical ownership.

- (4) The General Manager shall allow sub-metering for each ***Multi-Family Dwelling, Mixed Use, or Non-Residential*** User when the installation of separate Water Meters is not feasible and the Site ~~User~~ is utilizing Water Credits on a Site that has a Connection. ***Applications for sub-metering of Single Family Dwellings will be considered by the General Manager when the Jurisdiction confirms there is no potential that the sub-metered User could be located on a separate Site through subdivision or transfer of ownership of a portion of the Site.*** Approval of a Water Permit allowing sub-metering under this provision shall require recordation of a deed restriction on the title of the property that shall encumber current and future Site owners to comply with the following conditions:

- a. Site's owner shall have Water Meters installed for each sub-metered User by the Water Distribution System Operator within ninety (90) days of the conclusion of a Connection moratorium. Once Water Meters maintained by the Water Distribution System Operator have been installed, the deed restriction shall be removed;
- b. Annually at the conclusion of the Water Year, and within 30 days of change in tenancy, the Site's owner shall provide the General Manager with individual monthly consumption for each User in a format acceptable to the District. Information shall identify the User of the sub-meter (e.g. apartment number or lease space number) and the number of

residents in each Residential Dwelling Unit or the type of use according to Rule 24, Table 2, for each Non-Residential User;

~~c. During Stages 4-7 of the Expanded Water Conservation and Standby Rationing Plan, the General Manager shall be provided with information about the number of occupants and types of uses within the sub-metered Dwelling Units and Uses;~~

d. During Stages 4-7 of ~~the~~ ***2016 Monterey Peninsula*** Expanded Water Conservation and Standby Rationing Plan (Regulation XV), sub-metered consumption and occupant contact information shall be provided to the District monthly or more frequently if requested by the General Manager;

(5) The Board shall consider variances to this Rule when the installation of separate Water Measuring Devices is not feasible due to Special Circumstances. In considering a variance, the Board shall determine if another type of Water Measuring Device is appropriate and shall make reporting of consumption a condition of approval.

Section Nine: 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 required by Title 23 of the California Code of Regulations. This provides information needed to calculate the exterior water demand for a Water Permit and to verify compliance with MPWMD Rule 142.

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 Ten: 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 Eleven: 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 Permit requirements change periodically to reflect current efficiencies. Sites with uncompleted Water Permits that have not a final inspection shall at a minimum comply with the requirements in place at the time the Water Permit was issued unless required to install more efficient fixtures as a result of a subsequent triggering event (e.g, new/amended Water Permit or Change of Ownership/Use).*** 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. ***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~~ **must be** 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~~ **must be** 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. 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 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 **at a minimum** High Efficiency Urinals **(when installed prior to January 1, 2016)**; **Newly installed Urinals shall be** 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 **water efficiency standards for New Structures** ~~New Construction standards~~;
4. Bathroom faucet flow rates shall meet or exceed **water efficiency standards for New Structures** ~~New Construction standards~~;
5. Kitchen faucet flow rates shall meet or exceed **water efficiency standards for New Structures** ~~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 Twelve: **Amendment to Rule 143, Water Efficiency Standards for Existing Non-Residential Uses**

Rule 143 shall be amended as shown in bold italics (***bold italics***) and strikethrough (~~strikethrough~~) to address 2015 changes in the California Code of Regulations (Title 20, Sections 1601-1608).

- E. All Non-Residential structures shall be retrofitted exclusively with High Efficiency Toilets and High Efficiency Urinals by December 31, 2013, except as provided by Rule 146 (Discretionary Exemptions).
 1. All Visitor-Serving Facilities that retrofit to 1.6 gallons-per-flush toilets pursuant to Rule 143-B shall be exempt from this toilet retrofit requirement.
 2. All Non-Residential uses with Ultra Low Flush Toilets installed prior to December 31, 2012, shall be exempt from this toilet retrofit requirement.
 3. ***On and after January 1, 2016, newly installed Urinals shall be Pint Urinals or Zero Water Consumption Urinals.***

Section Thirteen: **Publication and Application**

The provisions of this ordinance shall cause the amendment and republication of Rules 11, 20,

21, 22, 23, 24, 25.5, 142, and 143 of the permanent Rules and Regulations of the Monterey Peninsula Water Management District.

Section Fourteen: 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 Fifteen: 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

ITEM: ACTION ITEM**17. RECEIVE AND CONFIRM WATER SUPPLY FORECAST FOR PERIOD OF MAY 1, 2016 -- SEPTEMBER 30, 2017 -- ADOPT RESOLUTION 2016-09 TO AMEND TABLE XV-4****Meeting Date:** May 16, 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:** N/A**CEQA Compliance:** N/A

SUMMARY: Regulation X of the Monterey Peninsula Water Management District (District) Rules and Regulations requires that a water supply summary forecast report be compiled annually to analyze the status of water supply and demand within the District. This report quantifies rainfall, runoff, and storage conditions within the District as of May 1, 2016, and forecasts the amount of water that will be available for use during the upcoming water year.

Physical Water Availability: As of May 1, 2016, usable water storage within the Monterey Peninsula Water Resource System (MPWRS) totaled **29,170** acre-feet (AF) or 77% of maximum storage capacity. A map of the MPWRS is included as **Exhibit 17-A**. A breakdown of total storage by reservoir and aquifer is shown in **Exhibit 17-B**. As shown, usable reservoir storage totals 1,670 AF and usable aquifer storage totals 27,500 AF. Note that the storage summary does not include usable storage in the Northern Inland and Laguna Seca Subareas of the Seaside Groundwater Basin. In addition, a summary of other water-supply related conditions within the MPWRS – rainfall and runoff recorded at San Clemente Dam and California American Water (Cal-Am) monthly diversions from the Carmel River and Seaside Groundwater Basins relative to limits set by the State Water Resources Control Board (SWRCB) and Court -- are shown in **Exhibit 17-C and 17-D**.

The amount of carryover storage that is needed to meet the projected water needs within the District for the remainder of Water Year (WY) 2016 and all of WY 2017 is shown in **Exhibit 17-E**. These projections include the water needs of both Cal-Am customers and non Cal-Am water users within the District who rely on water from the MPWRS. As shown, the projected water demand for the remainder of WY 2016 is 8,333 AF. Similarly, the projected demand for WY 2017 is 14,758 AF. These projections are based on the maximum annual production amount for the Cal-Am main system from the Carmel River Basin directed by the SWRCB in Order WR 2009-0060 (9,703 AF in WY 2016 and 9,461 AF in WY 2017), the maximum annual production amount for Cal-Am from the Seaside Groundwater Basin specified by the Court as a result of the Seaside Basin adjudication (2,251 AF in WY 2016 and 2,251 AF in WY 2017), and the maximum production amount for non Cal-Am users in the MPWRS specified in the District's Water Allocation Program (3,046 AF).

As shown in **Exhibit 17-E**, the total amount of water needed on May 1 to meet the projected water demand for the remainder of WY 2016 and all of WY 2017 is **23,091 AF**. Given the current usable storage estimate of **29,170 AF**, there is sufficient stored water in the MPWRS to meet the projected water needs for the remainder of WY 2016 and begin WY 2017 with a full year's supply in reserve. This is consistent with the District drought protection goal approved by the Board in August 1993.

It should also be noted that this approach is conservative in that it is based entirely on storage and does not include any allowance for surface and subsurface inflows that are expected to occur. Therefore, based on the physical availability of water, no mandatory water demand reductions, i.e., rationing actions, are required at this time. It should be noted, however, that this analysis does not incorporate environmental considerations such as effects on riparian and aquatic resources or regulatory restrictions.

Note that all water users within the District are presently under Stage 1 Water Conservation which prohibits water waste and all non-essential uses of water.

Community Water Demand: For WY 2016, as of May 1, 2016, Cal-Am had produced 5,553 AF of water from its sources in the MPWRS. This amount of production is 531 AF under the year-to-date at month-end production target that had been set for Cal-Am based on SWRCB Order WR 2009-0060 and the Seaside Groundwater Basin adjudication decision.

RECOMMENDATION: The Board should receive the water supply forecast for the May 1, 2016 through September 30, 2017 period and adopt Resolution 2016-09 to amend Rationing Table (XV-4).

IMPACTS ON STAFF/RESOURCES: District staff currently tracks and reports on water production and water supply conditions on a monthly basis; no additional impacts are anticipated related to this item.

EXHIBITS

17-A Map of the Monterey Peninsula Water Resources System (MPWRS)

17-B Water Storage Conditions, MPWRS

17-C MPWMD Water Supply Status -- May 1, 2016

17-D California American Water Production vs. CDO and Adjudication to date: Water Year 2016

17-E Table XV-4 Physical Storage Target for the Monterey Peninsula Water Resources System May-September 2016 and all WY 2017

17-F Draft Resolution 2016-09

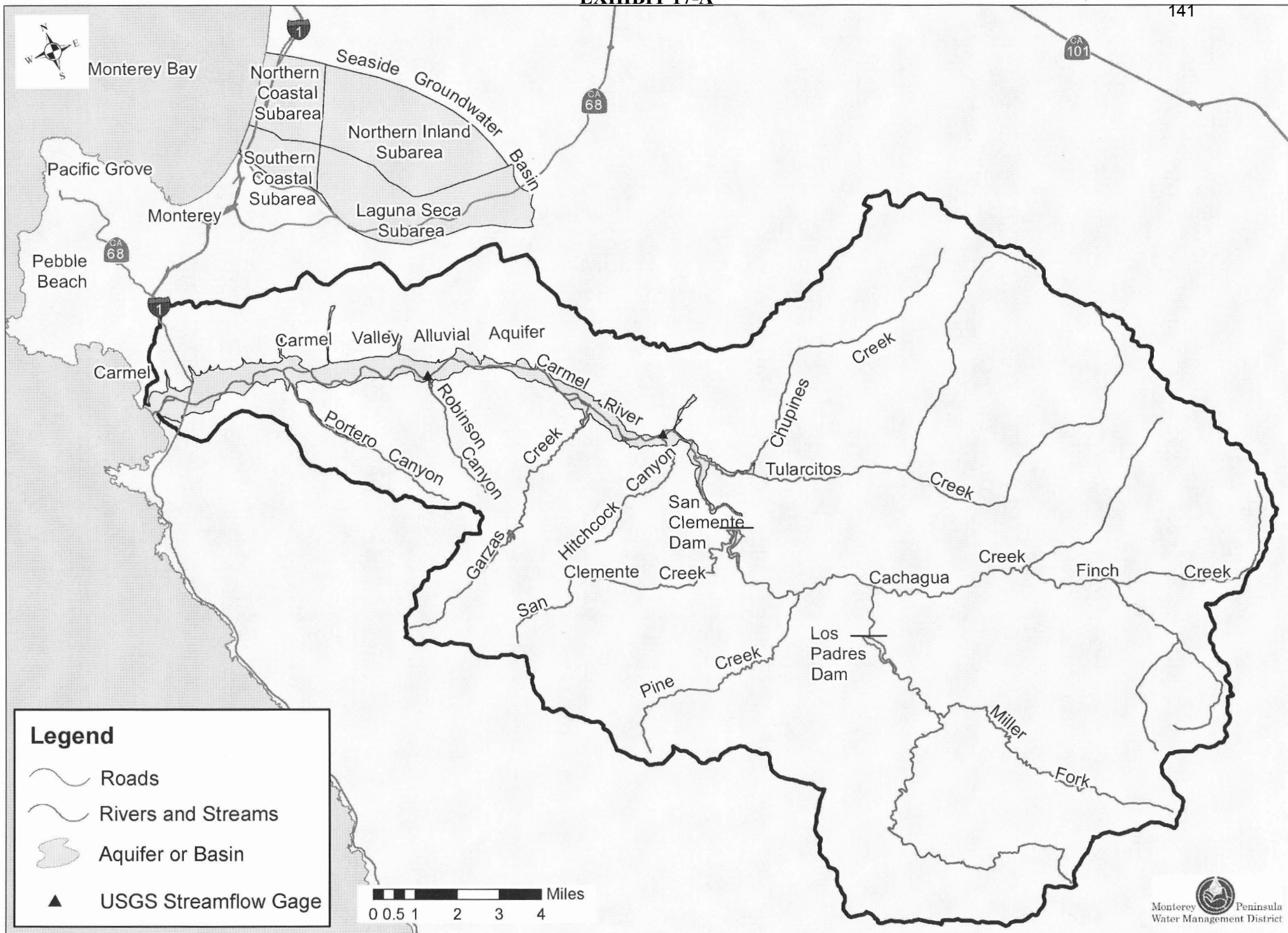


EXHIBIT 17-B

**WATER STORAGE CONDITIONS
MONTEREY PENINSULA WATER RESOURCE SYSTEM
MAY 1, 2016**

STORAGE FACILITY	MAXIMUM STORAGE CAPACITY (AF)	CURRENT STORAGE (AF)	PERCENT OF MAXIMUM CAPACITY (%)
<u>RESERVOIR</u>			
LOS PADRES	1,670	1,670	100%
<u>AQUIFERS</u>			
UPPER CARMEL VALLEY	6,530	6,150	94%
LOWER CARMEL VALLEY	21,930	17,890	82%
SEASIDE COASTAL	<u>7,510</u>	<u>3,460</u>	46%
TOTAL SYSTEM	37,640	29,170	77%

Notes:

1. Storage estimates refer to usable storage or water that can be diverted or pumped.
2. "AF" refers to acre-feet. One acre-foot equals 325,851 gallons.

EXHIBIT 17-C

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

	Factor	Water Year 2016 Oct - Apr	Average To Date	Percent of Average	Water Year 2015 Oct - Apr
	Rainfall (Inches)	22.04	20.37	108%	15.56
	Runoff (Acre-Feet)	41,588	61,394	68%	21,017
	Storage (Acre-Feet)	29,170	31,460	93%	28,570

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.

Production vs. CDO and Adjudication to Date: WY 2016

(All values in Acre-Feet)

Year-to-Date Values	Carmel River Basin ²	Seaside Groundwater Basin		Water Rights and Projects ⁷			MPWRS Total	Percent Below Target
		Coastal	Laguna Seca	ASR Recovery	Table 13	Sand City ³		
Target	4,576	1,100	22	0	211	175	6,084	8.7%
Actual ⁴	4,638	762	153	0	137	61	5,553	
Difference	-62	338	-131	0	75	114	531	

1. This table is current through the last populated month of the table below.

2. For CDO compliance, ASR and Table 13 diversions are included in River production per State Board.

3. Sand City Desal is not part of the MPWRS production and is tracked as a new source.

4. To date, 699 AF and 137 AF have been produced from the River for ASR and Table 13 respectively.

Monthly Production from all Sources for Customer Service: WY 2016

(All values in Acre-Feet)

	Carmel River	Seaside Basin	ASR Recovery	Table 13	Sand City	Total
Oct-15	568	288	0	0	11	867
Nov-15	479	187	0	0	0	666
Dec-15	527	117	0	0	0	644
Jan-16	495	87	0	42	2	627
Feb-16	606	44	0	10	5	664
Mar-16	427	139	0	81	15	662
Apr-16	701	54	0	3	28	786
May-16						
Jun-16						
Jul-16						
Aug-16						
Sep-16						
Total	3,803	915	0	137	61	4,915

1. This table is produced as a proxy for customer demand.

2. Numbers are provisional and are subject to correction.

EXHIBIT 17-E

Table XV-4
Physical Storage Target
for the Monterey Peninsula Water Resource System
for the May-September 2016 and all WY 2017

PRODUCER	MAY-SEPTEMBER DEMAND	CARRYOVER STORAGE NEEDS FOR NEXT YEAR DEMAND	TOTAL STORAGE REQUIRED ON MAY 1
California American Water (Cal-Am)	6,387	11,712	19,194
<u>Non Cal-Am</u>	<u>1,946</u>	<u>3,046</u>	<u>4,992</u>
Total	8,333	14,758	23,091
			TOTAL STORAGE AVAILABLE ON MAY 1
			29,170 ⁵

Notes:

1. The May-September period refers to the remainder of the current water year.
2. Carryover storage refers to the volume of usable surface and groundwater that is in storage at the end of the current water year and is projected to be available for use at the beginning of the following water year.
3. Total storage refers to the combination of demand remaining from May 1 to the end of the current water year and carryover storage for the next water year that is required to avoid imposing various levels of water rationing. The value in **bold type** represents the storage trigger that would be used for the system in Water Year 2016. The value is based on the production limits for California American Water (Cal-Am) from Carmel River sources (9,703 acre-feet in WY 2016 and 9,461 acre-feet in WY 2017) set by State Water Resources Control Board Order WR 2009-0060, the production limit for Cal-Am from the Seaside Groundwater Basin (2,251 acre-feet in WY 2016 and 2,251 in WY 2017) set by the Court in its March 27, 2006 adjudication decision, and the production limit specified for non Cal-Am users from the Monterey Peninsula Water Resource System set in the District's Water Allocation Program (Ordinance No. 87).
4. The rationing trigger is based on physical water availability and do not account for legal or environmental constraints on diversions from the Carmel River system.
5. May 1, 2016 System Storage = 29,170 AF (24,040 AF Carmel Valley Alluvial Aquifer; 3,460 AF Seaside Groundwater Basin; 1,670 AF Los Padres Reservoir); this is 93% of average and 77% of system capacity (37,640 AF).



EXHIBIT 17-F

**RESOLUTION NO. 2016-09
A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
MODIFYING RULE 162 – RATIONING TABLE FOR REMAINDER WATER YEAR
2016 AND ALL OF WATER YEAR 2017**

WHEREAS, the Monterey Peninsula Water Management District (District) has developed a set of rules to facilitate compliance by California American Water systems with the regulatory and legal water production limits set by the State Water Resources Control Board and the Seaside Basin Adjudication as administered by the Seaside Groundwater Basin Watermaster;

WHEREAS, District Rule 162 specifies the regulatory water production targets that are used to trigger higher stages of water conservation to ensure compliance with these legal and regulatory water production limits;

WHEREAS, these limits are subject to change by action of the State Water Resources Control Board and Seaside Groundwater Basin Watermaster;

WHEREAS, the State Water Resources Control Board adopted Order WR 2009-0060 on October 20, 2009, which requires California American Water to divert no more than 9,703 acre-feet in Water Year 2016, and no more than 9,461 acre-feet in Water Year 2017;

WHEREAS, the Monterey County Superior Court adopted an Amended Decision in the Seaside Groundwater Basin Adjudication on February 9, 2007 (*California American Water v. City of Seaside, et al.*, Case No. M66343), which requires California American Water to divert no more than 2,251 acre-feet from the Coastal Subareas and 48 acre-feet from the Laguna Seca Subarea of the Seaside Groundwater Basin in Water Year 2016, and no more than 2,251 acre-feet from the Coastal Subareas and 48 acre-feet from the Laguna Seca Subarea of the Seaside Groundwater Basin in Water Year 2017; and

WHEREAS, Regulation X of the Monterey Peninsula Water Management District (District) Rules and Regulations requires that a water supply summary forecast report be compiled annually to analyze the status of water supply and demand within the District.

NOW THEREFORE, BE IT RESOLVED:

1. District staff shall add Table XV-3 of District Rule 162 to reflect the derivation of the projected rationing triggers for the Monterey Peninsula Water Resources System for the remainder of Water Year 2016 and all of Water Year 2017.
2. Specifically, District staff shall add Table XV-4 (**Attachment 1**) to District Rule 162.

On motion of Director _____, and second by Director _____, the foregoing resolution is duly adopted this 18th day of May 2015, by the following votes:

AYES:

NAYES:

ABSENT:

I, David J. Stoldt, Secretary of the Board of Directors of the MPWMD, hereby certify that the foregoing is a full, true and correct copy of a resolution duly adopted on the 18th day of May 2015.

Witness my hand and seal of the Board of Directors, this _____ day of May, 2015.

David J. Stoldt, Secretary to the Board

Attachment 1

Table XV-4
Physical Storage Target
for the Monterey Peninsula Water Resource System
for the May-September 2016 and all WY 2017

PRODUCER	MAY-SEPTEMBER DEMAND	CARRYOVER STORAGE NEEDS FOR NEXT YEAR DEMAND	TOTAL STORAGE REQUIRED ON MAY 1
California American Water (Cal-Am)	6,387	11,712	19,194
<u>Non Cal-Am</u>	<u>1,946</u>	<u>3,046</u>	<u>4,992</u>
Total	8,333	14,758	23,091
			TOTAL STORAGE AVAILABLE ON MAY 1
			29,170 ⁵

Notes:

1. The May-September period refers to the remainder of the current water year.
2. Carryover storage refers to the volume of usable surface and groundwater that is in storage at the end of the current water year and is projected to be available for use at the beginning of the following water year.
3. Total storage refers to the combination of demand remaining from May 1 to the end of the current water year and carryover storage for the next water year that is required to avoid imposing various levels of water rationing. The value in **bold type** represents the storage trigger that would be used for the system in Water Year 2016. The value is based on the production limits for California American Water (Cal-Am) from Carmel River sources (9,703 acre-feet in WY 2016 and 9,461 acre-feet in WY 2017) set by State Water Resources Control Board Order WR 2009-0060, the production limit for Cal-Am from the Seaside Groundwater Basin (2,251 acre-feet in WY 2016 and 2,251 in WY 2017) set by the Court in its March 27, 2006 adjudication decision, and the production limit specified for non Cal-Am users from the Monterey Peninsula Water Resource System set in the District's Water Allocation Program (Ordinance No. 87).
4. The rationing trigger is based on physical water availability and do not account for legal or environmental constraints on diversions from the Carmel River system.
5. May 1, 2016 System Storage = 29,170 AF (24,040 AF Carmel Valley Alluvial Aquifer; 3,460 AF Seaside Groundwater Basin; 1,670 AF Los Padres Reservoir); this is 93% of average and 77% of system capacity (37,640 AF).

ITEM: DISCUSSION ITEM**18. REVIEW PROPOSED FISCAL YEAR 2016-2017 MPWMD BUDGET AND RESOLUTION 2016-10****Meeting Date:** May 16, 2016 **Budgeted:** N/A**From:** David J. Stoldt,
General Manager **Program/** N/A
Line Item No.:**Prepared By:** Suresh Prasad **Cost Estimate:** N/A**General Counsel Review:** N/A**Committee Recommendation:** N/A**CEQA Compliance:** N/A

SUMMARY: The proposed budget for Fiscal Year (FY) 2016-2017 is attached as **Exhibit 18-C** (separate document). While preparing the proposed budget, District staff was mindful of the continued economic conditions as well as the current status of the District's three main funding sources (Mitigation Program revenue, Property Tax Revenue, and Water Supply Charge). This budget assumes continuation of the adopted annual Water Supply Charge and continued collection of the Mitigation Program revenue from ratepayers of California American Water in FY 2016-2017. This budget does not include collection of user fee revenue from California American Water ratepayers. This budget also takes into account District's existing Rabobank ASR loan debt obligation. Proposed expenditures and revenues each total \$11,810,100, which is a decrease of 12% for expenditures and revenues from the amount budgeted in FY 2015-2016. A more detailed justification of the proposed budget is provided in the transmittal letter which is part of the budget document. This proposed budget does not include the use of reserves to balance the proposed budget. The FY 2016-2017 Budget also assumes payment of \$230,000 towards debt service (interest and principal) for the Rabobank ASR Loan. The budget document has been presented in same format as in prior years.

RECOMMENDATION: Staff recommends that the Board discuss the proposed FY 2016-2017 budget and give general direction to staff to prepare the final budget document for adoption at the June 20th Board Meeting. No formal action is required at this meeting.

BACKGROUND: After compilation of the original requests from all Divisions, a detailed review and several adjustments by Division Managers and the General Manager, culminated this budget with proposed expenditures and revenues for FY 2016-2017 totaling \$11,810,000, of which \$2,721,600 or 23% includes reimbursement funds from grants, California American Water and other agencies.

In the past, District budgets had been balanced by use of previously accumulated reserves. At the District's strategic planning session on September 29, 2004, staff recommended that a balanced budget be prepared for FY 2005-2006 using a combination of revenue and expenditure adjustments to eliminate the use of reserve funds. At the January 19, 2005 budget workshop, the

Board adopted an eight-part strategy for balancing the FY 2005-2006 Budget. In being mindful of the 2005 Board adopted strategy, every effort was made to balance this proposed budget without the use of reserves. This proposed FY 2016-2017 Budget was balanced without the use of reserves to maintain all of District's programs and services. This budget assumes the continued collection of the annual Water Supply Charge and California American Water Mitigation Program revenues. This budget does not include user fee revenue.

EXHIBITS

18-A Draft Resolution No. 2016-10

18-B Draft Copy Certification

18-C Draft Fiscal Year 2016-2017 Proposed Budget (separate document)

U:\staff\Boardpacket\2016\20160516\DiscussionItems\18\Item-18.docx



EXHIBIT 18-A

RESOLUTION NO. 2016-10

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
ADOPTING THE BUDGET FOR FISCAL YEAR 2016-2017**

WHEREAS, the General Manager has proposed a budget for Fiscal Year 2016-2017, a copy of which is on file at the District's office.

WHEREAS, the Board of Directors has examined, and deliberated on, the budget during meetings held on May 16, 2016 and June 20, 2016.

NOW, THEREFORE BE IT RESOLVED by the Board of Directors of the Monterey Peninsula as follows:

1. That the said budget as approved at the June 20, 2016 Board of Directors Meeting is hereby approved and adopted as the budget for the Monterey Peninsula Water Management District for Fiscal Year 2016-2017.
2. That the General Manager may delegate the authority to implement this resolution to the Administrative Services Manager/Chief Financial Officer.
3. That the General Manager is authorized and directed to transfer funds from one activity to another within a given fund, and from one Division to another Division, as such times are appropriate, in accordance with generally-accepted accounting principles and consistent with the objectives outlined in the approved budget.
4. That any contract for professional services, or other expenditures for procuring equipment, supplies or services, included in the budget that exceeds \$15,000 shall be executed by the General Manager only upon approval by the Board of Directors at a meeting of the Board of Directors.

On a motion by Director _____ and seconded by Director _____ the foregoing resolution is duly adopted this 20th day of June 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 20th day of June 2016.

Witness my hand and seal of the Board of Directors this 20th day of June 2016.

David J. Stoldt
Secretary to the Board

U:\staff\Boardpacket\2016\20160516\DiscussionItems\18\Item-18-Exh-A.docx

DRAFT

EXHIBIT 18-B**COPY CERTIFICATION**

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 Resolution No. 2016-10 duly adopted on the 20th of June 2016.

David J. Stoldt, Secretary to the Board

Date

ITEM: INFORMATIONAL ITEMS/STAFF REPORTS**19. LETTERS RECEIVED****Meeting Date:** May 16, 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 April 9, 2016 and May 6, 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.

Author	Addressee	Date	Topic
Mike Watson	Ed Ghandour	5/3/16	Coastal Development Permit (CDP) A-3-SNC-98-114 (Monterey Bay Shores Resort) – Prior to Construction Condition Compliance Status
Kimberly Cole, AICP	David J. Stoldt	4/28/16	State of California Model Water Efficient Landscape Ordinance
Mark Brodeur	David J. Stoldt	4/25/16	State of California Model Water Efficient Landscape Ordinance
Todd Bodem	David J. Stoldt	4/22/16	State of California Model Water Efficient Landscape Ordinance
Robert MacLean	Barbara Evoy	4/21/16	Request or Application for Order Modifying State Water Board Order WR 2009-0060 (Cease and Desist Order)
Barbara Evoy	Robert MacLean	4/21/16	Request or Application for order Modifying State Water Board Order WR 2009-0060 (Cease and Desist Order)
Tia Hain	MPWMD Board	4/18/16	Proposed Change in Sub Meter Policy
John Hain	MPWMD Board	4/17/16	Sub Metering Policy
Moe Ammar	David J. Stoldt	4/6/16	Public Official of the Year Award - 2016

ITEM: INFORMATIONAL ITEMS/STAFF REPORTS**20. COMMITTEE REPORTS**

Meeting Date: May 16, 2016 **Budgeted:** N/A

From: David J. Stoldt, **Program/** N/A
General Manager **Line Item No.:**

Prepared By: Arlene Tavani **Cost Estimate:** N/A

General Counsel Review: N/A

Committee Recommendation: N/A

CEQA Compliance: N/A

Attached for your review as **Exhibits 20-A through 20-C** are final minutes of the committee meetings listed below.

EXHIBIT

20-A Final Minutes of April 11, 2016 Administrative Committee Meeting

20-B Final Minutes of March 17, 2016 Technical Advisory Committee Meeting

20-C Final Minutes of December 1, 2015 MPWSP Governance Committee Meeting



EXHIBIT 20-A

FINAL MINUTES Monterey Peninsula Water Management District Administrative Committee April 11, 2016

Call to Order

The meeting was called to order at 3:32 PM in the District Conference Room.

Committee members present: Andrew Clarke
 Brenda Lewis
 David Pendergrass

Staff present: Suresh Prasad, Administrative Services Manager/Chief Financial Officer
 Larry Hampson, P&E Manager/District Engineer
 Stephanie Kister, Water Demand Manager
 Sara Reyes, Office Services Supervisor

Oral Communications

None

1. Approve Minutes of March 14, 2016 Committee Meeting

On a motion by Clarke and second by Lewis, the minutes of the March 14, 2016 meeting were approved on a vote of 3 to 0.

Items on Board Agenda for April 11, 2016

2. Consider Expenditure to Replace HVAC Unit at the MPWMD Harris Court Administration Building

On a motion by Lewis and second by Clarke, the committee voted 3 to 0 to recommend the Board authorize the General Manager to replace the HVAC unit at the MPWMD Harris Court Administration Building for an amount not to exceed \$12,000, which includes crane and labor plus additional costs.

3. Authorize Expenditure for a Joint Project with Monterey Peninsula Regional Park District – Rainwater Harvesting and Drought Tolerant Demonstration Garden at Garland Regional Park

On a motion by Lewis and second by Clarke, the committee voted 3 to 0 to recommend the Board approve the expenditure of up to \$3,000 to install a demonstration rainwater harvesting system at the Garland Ranch Regional Park visitor center.

4. Authorize Expenditure to Complete Rainwater Harvesting Demonstration Project at District Offices

On a motion Lewis by and second by Clarke, the committee voted 3 to 0 to recommend the Board approve the expenditure of up to \$2,500 to pay for the installation of two redwood planter boxes.

5. Consider Authorization of Contract for Preparation of Los Padres Dam Fish Passage Study

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 a contract with HDR for a not-to-exceed amount of \$310,000.

6. Consider Approval of Items Related to Integrated Regional Water Management Program

- A. Approve Revised MOU for Integrated Regional Water Management in the Monterey Peninsula, Carmel Bay and South Monterey Bay**
- B. Authorize Execution of MOA for Integrated Regional Water Management Planning and Funding in the Central Coast Region**
- C. Authorize Expenditure for Assistance with Proposition 1 Grant Program Coordination**

On a motion by Lewis and second by Clarke, the committee voted 3 to 0 to recommend this item be discussed by the full Board for action.

7. Consider Development of Recommendation to the Board on Items Related to Bureau of Reclamation Watersmart Program

- A. Consider Authorization of Contract for Assistance with Preparation of the Salinas and Carmel River Basins Study**
- B. Authorize the General Manager to Enter into a Grant Agreement with the United States Bureau of Reclamation**

On a motion by Lewis and second by Clarke, the committee voted 3 to 0 to recommend the Board: A) authorize the General Manager to enter into an agreement for services with Brown and Caldwell to assist with tasks in the Study Plan for a cost not-to-exceed \$45,000; and B) authorize the General manager to enter into a grant agreement with Reclamation to receive funds and complete a Salinas and Carmel River Basins Study.

8. Consider Adoption of a Finance Plan for Utilization of User Fee and Water Supply Charge Funds

On a motion by Lewis and second by Clarke, the committee voted 3 to 0 to recommend the Board approve the financial plan outlined in the nine bullet-points presented in the staff report.

9. Treasurer's Report for February 2016

On a motion by Clarke and second by Lewis, the committee voted 3 to 0 to recommend the Board adopt the February 2016 Treasurer's Report and financial statements, and ratification of the disbursements made during the month.

Other Business

10. Review Draft April 18, 2016 Board Meeting Agenda

A revised agenda was distributed to the committee. The committee made no changes to the agenda.

Adjournment

The meeting was adjourned at 4:27 PM.

U:\staff\Boardpacket\2016\20160516\InfoItems\20\Item-20-Exh-A.docx



EXHIBIT 20-B

FINAL MINUTES

Technical Advisory Committee of the Monterey Peninsula Water Management District

March 17, 2016

Call to Order

The meeting was called to order at 10:46 am in the Conference room at the offices of the Monterey Peninsula Water Management District.

Committee members present:	City of Del Rey Oaks	Daniel Dawson
	City of Monterey	Todd Bennett, Chair
	City of Pacific Grove	Anastazia Aziz
	City of Sand City	Todd Bodem, Vice Chair
	City of Seaside	Rick Riedl

Committee members absent:	County of Monterey	Rob Johnson
	City of Carmel-by-the-Sea	Marc Wiener
	Monterey Peninsula	Shelley Glennon
	Airport District	

Staff members present: David J. Stoldt, General Manager
Stephanie Locke, Water Demand Division Manager
Arlene Tavani, Executive Assistant

District Council present: David C. Laredo

Comments from the Public: No comments.

Action Items

1. **Consider Adoption of September 22, 2015 Committee Meeting Minutes**
On a motion by Dawson and second of Aziz, minutes of the September 22, 2015 committee meeting were approved on a unanimous vote of 5 – 0 by Dawson, Aziz, Bennett, Bodem and Riedl. No comments were directed to the committee during the public comment period on this item.

2. **Consider Development of Recommendation to the Board of Directors re the First Reading of Ordinance No. 170 – Amending Rules 11, 20, 21, 22, 23, 24, 25.5 and 142**
On a motion by Dawson and second of Bennett, the committee recommended that the Board of Directors approve the first reading of Ordinance No. 170. In addition, District staff should review the State legislation to determine if the ordinance can be clarified to specify what permitting events trigger compliance with the January 1, 2016 date. District staff will inform the TAC on the results of her investigation. The motion was approved on a vote of 5 – 0 by Dawson, Bennett, Aziz, Bodem and Riedl.

Locke's presentation to the committee on the draft ordinance can be viewed on the Water Management District's website or at the agency's office. In response to questions from the committee members, Locke stated the following. (a) The definition of Production Limit was included because it is used in the Rules and Regulations, but it had not been previously defined. (b) The term Rehabilitated Landscape refers to replacement of existing landscaping. The law does not specify a percentage of landscaping that should be removed; however, the threshold to trigger a permit would be rehabilitation of 2,500 square-feet as stated in section 4.B.5. (c) Section 6.3.g requires a grading design plan from an Engineer. If there is no need for grading there should be no need for the grading plan; however, District staff will coordinate with the jurisdictions on how to implement the requirements. (d) The State regulations became effective on January 1, 2016. District staff will review the regulations to determine if there is direction on how the January 1 2016 date will be applied: does it pertain to projects that have received jurisdiction approval prior to January 1; or that a building permit was issued prior to January 1? The committee asked for clarification on what events trigger compliance with the new State regulations. (e) The District recommends that only potassium type water softeners should be installed for residential use.

Questions from Committee Members to MPWMD Staff

Locke distributed copies of Ordinance No. 169 – The 2016 Monterey Peninsula Water Conservation and Rationing Plan that was adopted by the Board of Directors on February 17, 2016.

Adjournment

The meeting was adjourned at 11:20 am.

U:\staff\Boardpacket\2016\20160516\InfoItems\20\Item-20-Exh-B.docx

**GOVERNANCE COMMITTEE
FOR THE
MONTEREY PENINSULA WATER SUPPLY PROJECT**

EXHIBIT 20-C
~~171~~

California American Water • Monterey County Board of Supervisors
Monterey Peninsula Regional Water Authority • Monterey Peninsula Water Management District

**FINAL MINUTES
Regular Meeting
Governance Committee
for the
Monterey Peninsula Water Supply Project
December 1, 2015**

- Call to Order:** The meeting was called to order at 10:05 pm in the conference room of the Monterey Peninsula Water Management District offices.
- Members Present:** Jason Burnett, representative for Monterey Peninsula Regional Water Authority
Jeanne Byrne, representative for Monterey Peninsula Water Management District (alternate to Robert S. Brower, Sr.)
Robert MacLean, representative for California-American Water
- Members Absent:** David Potter, Monterey County Board of Supervisors
Robert S. Brower, Sr., Monterey Peninsula Water Management District
- Pledge of Allegiance:** The assembly recited the Pledge of Allegiance.
- Public Comments:** Michael Warburton, representing the Public Trust Alliance (PTA), stated that this is the wrong project, in the wrong place, at the wrong time. The only reason it has the remotest chance of looking like it might be the right project is by not looking at the most obvious things shaping the Monterey Peninsula community. Less than 1% of the agricultural use of the Salinas River can solve the urban water problem. The committee is looking at concentrating half a billion dollars of public infrastructure in an increasingly vulnerable coastal zone. At the same time the Monterey Peninsula will be repairing and replacing its transportation infrastructure, this project will require that it replace its drinking water infrastructure. The scale of business interruption that will happen on the Peninsula to bury the pipeline is unnecessary and it's time to begin speaking about some of these things. *Burnett advised Warburton that the EIR on the Pure Water Monterey Project has been certified. The project would bring water from Salinas to the Monterey Peninsula.* Warburton responded that none of that water can be used in the wealthy parts of the community based on the distribution points.

Presentations

1. Progress Report from California-American Water on the Monterey Peninsula Water Supply Project Including Updates on Production from Test Slant Well; Desalination Project Design; and Design and Procurement of Conveyance Facilities

Ian Crooks reported that the slant test well is operational and performing better than expected. Salinity is approaching 90%. In April when pumping began the salinity was 70%. At the next committee meeting Crooks will present a trend line. When production wells are installed and operating at full production, the salinity levels should increase beyond 90%. He stated that the amount of water pumped from the inland areas is minimal – most of the water produced is coming from the ocean side of the well. The percentage of water that comes from the inland areas must be returned to the basin.

Public Comment: **(a) George Riley** expressed a concern that the test well would have been operated less than 18 months when the California Public Utilities Commission (CPUC) and California Coastal Commission (CCC) consider permits for this project. He stated that long-term effects of pumping cannot be confirmed because the test period was interrupted. He asked how the EIR/EIS could be completed, and how water rights issues could be settled without an uninterrupted pumping database. **(b) Michael Warburton**, PTA, asked if there was any update on how the location for the test well was determined. If desal will be done anywhere in California it might make sense to locate the investigation and test somewhere where the project is necessary. Every agency and group seems to be trying not to look at the obvious solution for the water problems in the community. There are three rivers flowing in and known technology which could be fortified against the weather problems. It seems crazy to sink a well in a marine sanctuary that is of principal economic significance in the area. There are a lot of environmental impacts that are not addressed. It would be good if the scientists or engineers could give an assurance that this is a good location for the test well.

Svindland reported that the working group met and all test well data from start-up of the well in April through June has been used to recalibrate the model. The data will be incorporated into the new draft EIR. Cal-Am expects that the recalibrated model will result in more realistic assumptions. The test well should be operational until permits are issued and it may be used as a production well for the desalination project. **MacLean** noted that all test well data is on the desal project website and is available to the public. **Burnett** stated that it is important to collect as much data as possible to inform decision makers, but there can be no delay in moving forward, especially since there is more data than expected and the data shows higher production with greater salinity than was anticipated. The settling parties supported the test well, and a decision must be made on awarding the RFP.

Action Items

2. Review and Develop Recommendation on California American Water Notification #10 – Execution of Construction Contract for the Monterey Peninsula Water Supply Project Source Water Slant Wells

Crooks provided information on Notification #10. His presentation can be viewed on the Governance Committee website.

Public Comment: **(a) George Riley** stated that he signed the settlement agreement, but later withdrew his support for the slant well portion due to the time period for collection of test well data. He expressed concern about the possibility of stranded costs that must be paid by the local rate payers, such as occurred with the failed Regional Water Supply Project. State agencies that support subsurface intakes require a feasibility analysis. The Huntington Beach project feasibility study was far more robust regarding the test well, than the data anticipated for the local project. There are still unresolved feasibility questions, and the settlement agreement states that Cal-Am makes the determination regarding feasibility. Riley opined that Cal-Am's desal project is on the fast track, is over budget, and that not enough attention has been paid to the quality of the feasibility criteria. **(b) Michael Warburton**, PTA, stated that as the project moves forward and decision making frameworks are discussed, there is talk of risk. One risk that has not been discussed is that alternative projects are not being evaluated, particularly non-desal projects. It looks like the responsible agencies and public officials are avoiding looking at certain things. They are actually paying costs to avoid looking at them. This involves legal expenses. It is becoming more and more expensive to avoid looking at the real risks and conditions. There is time – circumstances have changed since the settlement agreement was signed. They have changed so significantly that I totally changed my position. Five years ago I said that a publicly operated and financed desalination project might be the most reasonable answer, and this is not. I have learned a lot while looking at climate science and experiences of local governments. It is an expensive proposition to maintain this Rube Goldberg scheme. **(c) Jim Cullem**, Executive Director, Monterey Peninsula Regional Water Authority, stated that one of the project criteria was to address concerns of coastal locations such as the occurrence of a tsunami. The project was set-back from the coastline to account for possible beach erosion. He requested that Cal-Am identify how quickly the wellhead equipment could be removed in the event of a tsunami or other event. He suggested that the design group could be prepared to address this issue.

Committee comments: **Burnett:** If the Certificate of Public Convenience and Necessity is issued within 12 months, there would be twelve months of data available. The Salinas Valley interests need test well data. If the well should continue after project construction in order to provide sufficient data, I would support that. The stranded costs for the source water slant wells has been limited to a quarter-million dollars. He requested that Cal-Am report back to the Governance Committee with regular updates on the project progress. **MacLean:** In his experience, twelve months of pilot well operation is required, and twelve months is the goal. The question is, will the test well results show any seasonal variability. Subsurface intake has the advantage of screening intake water from ocean variability. To require two years of pumping data would forestall commencement of project construction. The test well permit allows for two years of operation, and Cal-Am has not decided when to shut off the well after construction begins. The time is now to move ahead on this project, as Cal-Am must comply with the Cease and Desist Order. It is critical for Cal-Am to contract with a driller so that construction could begin immediately upon project approval. If the test well continues to operate, and there is a change in circumstances that would cause Cal-Am to not want to continue project construction, he hoped that decision would be made with the Governance Committee. If Cal-Am issued a notice to proceed with construction, and other parties disagreed, legal counsel would review the Governance agreement to determine how to proceed.

On a motion by Burnett and second of Byrne, the committee recommended that California American Water (Cal-Am) enter into a contract with Boart Longyear Company (Boart). In addition, the committee recommended that Cal-Am provide periodic updates on project progress and allow the committee to comment: (1) prior to authorizing expenditures by Boart for planning and permitting activity; (2) prior to authorizing expenditures by Boart for pre-mobilization activity including preparation of the drilling rig; and (3) prior to issuance of a notice-to-proceed to Boart for commencement of construction activities. The committee recognizes that Cal-Am has authority over the construction schedule; therefore, if the committee or any member of the public disagrees with Cal-Am's actions, the issue could be brought before the California Public Utilities Commission. The motion was approved on a vote of 2 – 0 by Burnett and Byrne. Potter was absent.

3. Adopt Minutes of September 16, 2015 Governance Committee Meeting

On a motion by Byrne and second of Burnett, the minutes were adopted unanimously on a vote of 2 – 0 by Byrne and Burnett. Potter was absent. No public comment was presented to the committee on this item

Discussion Items

5. Suggest Items to be Placed on Future Agendas

Contract for Conveyance Facilities

Report from Cal-Am on potential risks to the test well due to weather patterns

Public Comment: **(a) George Riley** asked if Cal-Am had adopted project costs to be submitted in the application to the State on December 15, 2015. **(b) Michael Warburton**, PTA, stated that changed circumstances are not just to be considered in the social context, but also the physical context. In terms of changed circumstances, some updated costs are being provided on December 15, 2015. However, the entire economics of the cost of public infrastructure changed with the arrival of superstorm Sandy. What is happening is that you will obtain test well data for an El Nino year. There is a responsibility involved in what changed circumstances mean. I'm appearing before this Board saying that the physical world and the government have changed profoundly, and for you to maintain that nothing has changed is an increasingly expensive argument to make.

Adjournment: The meeting was adjourned at approximately 11 am.


Arlene M. Tavani,
Clerk to the MPWSP Governance Committee

ITEM: INFORMATIONAL ITEM/STAFF REPORTS**21. MONTHLY ALLOCATION REPORT**

Meeting Date: May 16, 2016 **Budgeted:** N/A

From: David J. Stoldt, General Manager **Program:** N/A
Line Item No.:

Prepared By: Gabriela Ayala **Cost Estimate:** N/A

General Counsel Review: N/A

Committee Recommendation: N/A

CEQA Compliance: N/A

SUMMARY: As of April 30, 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 21-A shows the amount of water allocated to each Jurisdiction from the Paralta Well Allocation, the quantities permitted in April 2016 (“changes”), and the quantities remaining. The Paralta Allocation had no debits in April 2016.

Exhibit 21-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 21-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 21-C**.

EXHIBITS

21-A Monthly Allocation Report

21-B Monthly Entitlement Report

21-C District’s Water Allocation Program Ordinances

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

Jurisdiction	Paralta Allocation*	Changes	Remaining	PRE-Paralta Credits	Changes	Remaining	Public Credits	Changes	Remaining	Total Available
Airport District	8.100	0.000	5.197	0.000	0.000	0.000	0.000	0.000	0.000	5.197
Carmel-by-the-Sea	19.410	0.000	1.397	1.081	0.000	1.081	0.910	0.000	0.182	2.660
Del Rey Oaks	8.100	0.000	0.000	0.440	0.000	0.000	0.000	0.000	0.000	0.000
Monterey	76.320	0.000	0.203	50.659	0.000	0.030	38.121	0.000	3.661	3.894
Monterey County	87.710	0.000	10.284	13.080	0.000	0.000	7.827	0.000	1.891	12.175
Pacific Grove	25.770	0.000	0.000	1.410	0.000	0.312	15.874	0.000	0.228	0.540
Sand City	51.860	0.000	0.000	0.838	0.000	0.000	24.717	0.000	23.373	23.373
Seaside	65.450	0.000	8.749	34.438	0.000	34.438	2.693	0.000	1.144	44.331
TOTALS	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
Quail Meadows	33.000	0.000	32.237	0.763
Water West	12.760	0.100	8.843	3.917

Entitlement Holder	Water Available	Changes this Month	Total Demand from Water Permits Issued	Remaining Entitlement/and Water Use Permits Available
Malpaso Water Company	80.000	0.670	0.224	79.776

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

EXHIBIT 21-B

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

Recycled Water Project Entitlements

Entitlement Holder	Entitlement	Changes this Month	Total Demand from Water Permits Issued	Remaining Entitlement/and Water Use Permits Available
Pebble Beach Co. ¹	238.660	0.350	18.865	219.795
Del Monte Forest Benefited Properties ² (Pursuant to Ord No. 109)	126.340	0.134	42.880	83.460
Macomber Estates	10.000	0.000	9.595	0.405
Griffin Trust	5.000	0.000	4.809	0.191
CAWD/PBCSD Project Totals	380.000	0.484	76.149	303.851

Entitlement Holder	Entitlement	Changes this Month	Total Demand from Water Permits Issued	Remaining Entitlement/and Water Use Permits Available
City of Sand City	165.00	0.000	3.616	161.384

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

EXHIBIT 21-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**22. WATER CONSERVATION PROGRAM REPORT**

Meeting Date:	May 16, 2016	Budgeted:	N/A
From:	David J. Stoldt, General Manager	Program/ Line Item No.:	N/A
Prepared By:	Kyle Smith	Cost Estimate:	N/A

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

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 **114** property transfers that occurred in April 2016 were entered into the database.

B. Certification

The District received **45** WCCs between April 1, 2016, and April 30, 2016. Data on ownership, transfer date, and status of water efficiency standard compliance were entered into the database.

C. Verification

In April, **91** properties were verified to be in compliance with Rule 144 (Retrofit Upon Change of Ownership or Use). Of the **91** inspections, **50** properties verified compliance by submitting certification forms and/or receipts. District staff completed **41** site inspections. Of the **41** properties inspected **32 (78%)** 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 April 2016 are estimated at **0.170** acre-feet annually (AFA). Water savings from retrofits that exceeded requirements (i.e., HETs to Ultra High Efficiency Toilets) is estimated at **0.360** AFA (36 toilets). Year-to-date estimated savings occurring as a result of toilet retrofits is **5.550** AFA.

D. CII Compliance with Water Efficiency Standards

Effective January 1, 2014, all Non-Residential properties were required to meet Rule 143, Water Efficiency Standards for Existing Non-Residential Uses. To verify compliance with these requirements, property owners and businesses are being sent notification of the requirements and a date that inspectors will be on site to check the property. This month, District inspectors performed **83** inspections. Of the **83** inspections certified, **58 (69%)** were in compliance. **Eleven** of the properties that passed inspection involved more than one visit to verify compliance with all water efficiency standards; the remainder complied without a reinspection.

MPWMD is forwarding its CII inspection findings to California American Water (Cal-Am) for their verification with the Rate Best Management Practices (Rate BMPs) that are used to determine the appropriate non-residential rate division. Compliance with MPWMD's Rule 143 achieves Rate BMPs for indoor water uses, however, properties with landscaping must also comply with Cal-Am's outdoor Rate BMPs to avoid Division 4 (Non-Rate BMP Compliant) rates. In addition to sharing information about indoor Rate BMP compliance, MPWMD notifies Cal-Am of properties with landscaping. Cal-Am then conducts an outdoor audit to verify compliance with the Rate BMPs. During April 2016, MPWMD referred **15** properties to Cal-Am for verification of outdoor Rate BMPs.

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 or www.montereywaterinfo.org. There were **eight** Water Waste responses during the past month. There were **one** 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 **77** Water Permits in April 2016. **No** 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 **77** Water Permits issued in April, **five** were issued under this provision.

B. Permit Compliance

District staff completed **73** Water Permit final inspections during April 2016. **Twelve** of the final inspections failed due to unpermitted fixtures. Of the **53** properties that were in compliance, **24** passed on the first visit. In addition, **eight** 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 April, the District prepared 51 deed restrictions. Of the 77 Water Permits issued in April, 36 (47%) required deed restrictions. District staff provided Notary services for 61 Water Permits with deed restrictions.

III. JOINT MPWMD/CAW REBATE PROGRAM

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

REBATE PROGRAM SUMMARY		April-2016				2016 YTD	1997 - Present	
I.	<u>Application Summary</u>							
A.	Applications Received	192				717	21552	
B.	Applications Approved	154				581	16936	
C.	Single Family Applications	180				673	19410	
D.	Multi-Family Applications	7				29	1076	
E.	Non-Residential Applications	5				15	267	
		Number of devices	Rebate Paid	Estimated AF	Gallons Saved	YTD Quantity	YTD Paid	YTD Est AF
II.	<u>Type of Devices Rebated</u>							
A.	High Efficiency Toilet (HET)	24	2389.00	1.001952	326,487	68	6787.00	2.838864
B.	Ultra Low Flush to HET	29	2896.00	0.290000	94,497	120	11795.57	1.2
C.	Ultra HET	66	9754.20	0.660000	215,062	69	10203.20	0.69
D.	Toilet Flapper	0	0.00	0.000000	0	0	0.00	0
E.	High Efficiency Dishwasher	14	1750.00	0.042000	13,686	84	10500.00	0.252
F.	High Efficiency Clothes Washer	42	20979.99	0.676200	220,340	218	108945.65	3.5098
G.	Instant-Access Hot Water System	0	0.00	0.000000	0	16	2912.00	0
H.	On Demand Systems	0	0.00	0.000000	0	4	400.00	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	5	3451.00	0.000000	0	34	42026.00	0
M.	Smart Controllers	0	0.00	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	2	3300.00	0.442800	144,287	13	16851.00	1.567102
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
III.	<u>Totals: Month; AF; Gallons; YTD</u>	182	44520.19	3.112952	1,014,359	627	210,560.42	10.057766
								</

* 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**23. CARMEL RIVER FISHERY REPORT FOR APRIL 2016**

Meeting Date:	May 16, 2016	Budgeted:	N/A
----------------------	---------------------	------------------	------------

From:	David J. Stoldt, General Manager	Program/ Line Item No.:	N/A
--------------	---	------------------------------------	------------

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: Drier weather returned in April after a wet March. Flow conditions in the lower Carmel River remained good to excellent for migration and rearing of all steelhead life stages.

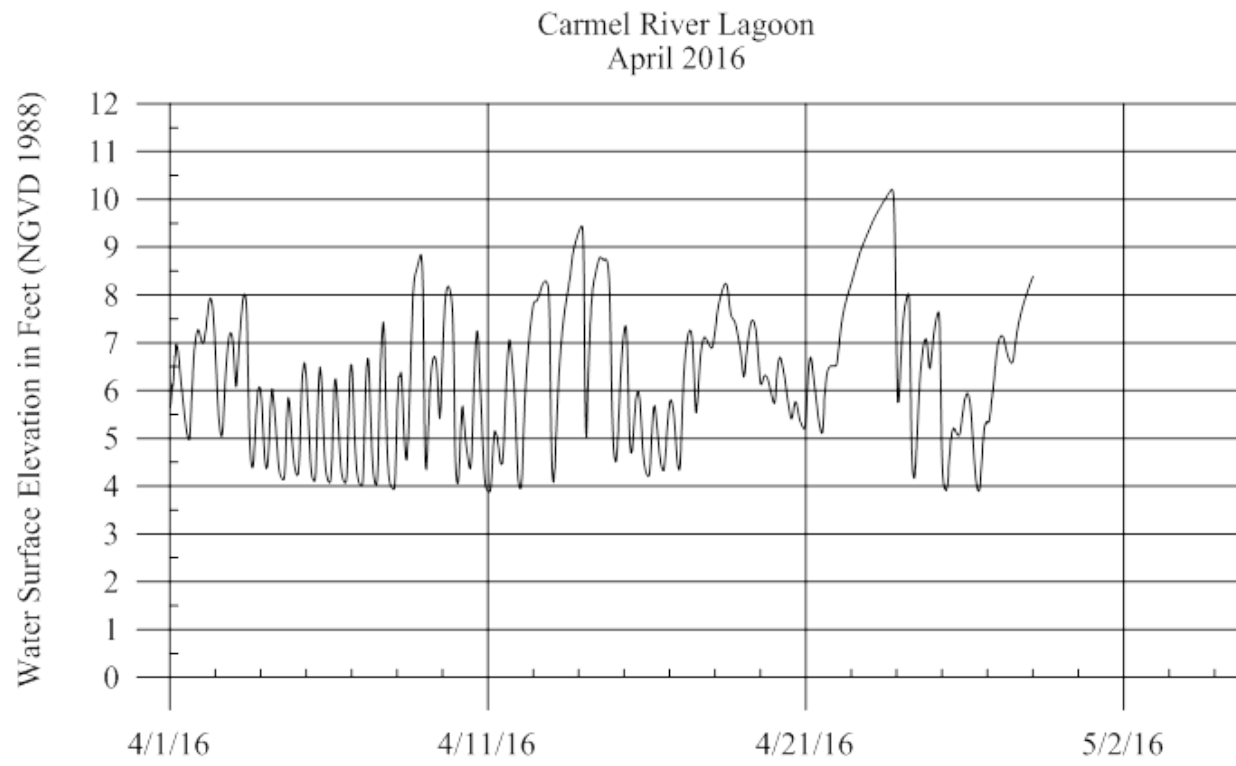
Mean daily streamflow at the Sleepy Hollow Weir ranged from 49 to 111 cubic feet-per-second (cfs) (monthly mean 73 cfs) resulting in 4,360 acre-feet (AF) of runoff, while flows at the Highway 1 gage ranged from 42 to 122 cubic feet-per-second (cfs) (monthly mean 71 cfs), resulting in 4,260 acre-feet (AF) of runoff.

Two smaller storms in April brought 0.57 inches of rainfall as recorded at Cal-Am's San Clemente gauge (34% of the long-term April average). The rainfall total to date for WY 2016 (which started on October 1, 2015) is 22.04 inches, or 108% of the long-term year-to-date average of 20.37 inches.

CARMEL RIVER LAGOON: The lagoon connected to the ocean on January 11, 2016. During April, the water surface elevation (WSE) ranged from approximately 3.9 to 10.1 feet above mean-sea-level as it oscillated with the tides and brief closures (see graph below).

Water-quality profiles were conducted in mid-April at five lagoon sites. Overall, water conditions were "good" for steelhead rearing and migration with water temperatures between 56 and 62 degrees Fahrenheit, dissolved oxygen (DO) ranging from 6 - 11 mg/L, and low salinity levels from 1 to 25 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 steelhead have been observed at the Los Padres Dam fish ladder through April.



U:\staff\Boardpacket\2016\20160516\InfoItems\23\Item-23.docx

ITEM: INFORMATIONAL ITEMS/STAFF REPORT**24. MONTHLY WATER SUPPLY AND CALIFORNIA AMERICAN WATER PRODUCTION REPORT****Meeting Date:** May 16, 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 24-A shows the water supply status for the Monterey Peninsula Water Resources System (MPWRS) as of **May 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 24-A** is for Water Year (WY) 2016 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 **April** 2016 totaled **0.57 inches** and brings the cumulative rainfall total for WY 2016 to **22.04 inches**, which is **108%** of the long-term average through **April**. Estimated unimpaired runoff during **April** 2016 totaled **4,369 acre-feet (AF)** and brings the cumulative runoff total for WY 2016 to **41,568 AF**, which is **68%** of the long-term average through **April**. Usable storage, which includes surface and groundwater, was **29,170** or **93%** of the long-term average at the end of **April**. This storage equates to **77%** 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 **April**, Cal-Am has produced **5,553 AF** from the Carmel River (including ASR and Table 13), and Seaside Basin. This water production is **531 AF** or **8.7 % less** than the target specified for Cal-Am's production from the MPWRS for WY 2016 to date. Cal-Am has produced **4,915 AF** for customer use through **April**. A breakdown of Cal-Am's production for WY 2016 is included as **Exhibit 24-B**. For WY 2016 through **March**, **699 AF** of Carmel River Basin groundwater have been diverted for Seaside Basin injection; **0 AF** have been recovered for customer use and **137 AF** have been diverted under Table 13. **Exhibit 24-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**24-A** Water Supply Status: **May 1, 2016****24-B** Monthly Cal-Am Diversions from Carmel River and Seaside Groundwater Basins:
Water Year 2016**24-C** Monthly Cal-Am production by source: WY 2016

EXHIBIT 24-A

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

	Factor	Water Year 2016 Oct - Apr	Average To Date	Percent of Average	Water Year 2015 Oct - Apr
	Rainfall (Inches)	22.04	20.37	108%	15.56
	Runoff (Acre-Feet)	41,588	61,394	68%	21,017
	Storage (Acre-Feet)	29,170	31,460	93%	28,570

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 24-B**Production vs. CDO and Adjudication to Date: WY 2016**

(All values in Acre-Feet)

Year-to-Date Values	Carmel River Basin ²	Seaside Groundwater Basin		Water Rights and Projects ⁷			MPWRS Total	Percent Below Target
		Coastal	Laguna Seca	ASR Recovery	Table 13	Sand City ³		
Target	4,576	1,100	22	0	211	175	6,084	8.7%
Actual ⁴	4,638	762	153	0	137	61	5,553	
Difference	-62	338	-131	0	75	114	531	

1. This table is current through the last populated month of the table below.

2. For CDO compliance, ASR and Table 13 diversions are included in River production per State Board.

3. Sand City Desal is not part of the MPWRS production and is tracked as a new source.

4. To date, 699 AF and 137 AF have been produced from the River for ASR and Table 13 respectively.

Monthly Production from all Sources for Customer Service: WY 2016

(All values in Acre-Feet)

	Carmel River	Seaside Basin	ASR Recovery	Table 13	Sand City	Total
Oct-15	568	288	0	0	11	867
Nov-15	479	187	0	0	0	666
Dec-15	527	117	0	0	0	644
Jan-16	495	87	0	42	2	627
Feb-16	606	44	0	10	5	664
Mar-16	427	139	0	81	15	662
Apr-16	701	54	0	3	28	786
May-16						
Jun-16						
Jul-16						
Aug-16						
Sep-16						
Total	3,803	915	0	137	61	4,915

1. This table is produced as a proxy for customer demand.

2. Numbers are provisional and are subject to correction.

EXHIBIT 24-C**California American Water Production by Source: Water Year 2016**

	Carmel Valley Wells ¹						Seaside Wells ²						Total Wells			Sand City Desal		
	Actual		Anticipated ³		Under Target		Actual		Anticipated		Under Target		Actual	Anticipated	Acre-Feet Under Target	Actual	Anticipated	Under Target
	Upper	Lower	Upper	Lower	Upper	Lower	Coastal	LagunaSeca	Coastal	LagunaSeca	Coastal	LagunaSeca	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet
	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	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	662	0	725	-85	63	69	19	100	3	31	-16	835	828	-7	2	25	23
Feb-16	53	622	0	926	-53	304	25	19	100	2	75	-17	719	1,028	309	5	25	20
Mar-16	154	731	0	1,011	-154	280	119	19	100	3	-19	-16	1024	1,114	90	15	25	10
Apr-16	24	729	0	994	-24	265	29	25	0	3	-29	-22	807	997	190	28	25	-3
May-16																		
Jun-16																		
Jul-16																		
Aug-16																		
Sep-16																		
To Date	317	4,318	35	5,339	-282	1,021	762	153	1,100	22	338	-131	5,550	6,496	946	61	175	114

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	837	853	16
Feb-16	723	1,053	329
Mar-16	1,039	1,139	100
Apr-16	835	1,022	187
May-16			
Jun-16			
Jul-16			
Aug-16			
Sep-16			
To Date	5,611	6,671	1,060

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 5/16/16 MPWMD Board Packet

Attached are copies of letters received between April 9, 2016 and May 6, 2016. These letters are listed in the May 16, 2016 Board packet under Letters Received.

Author	Addressee	Date	Topic
Mike Watson	Ed Ghandour	5/3/16	Coastal Development Permit (CDP) A-3-SNC-98-114 (Monterey Bay Shores Resort) – Prior to Construction Condition Compliance Status
Kimberly Cole, AICP	David J. Stoldt	4/28/16	State of California Model Water Efficient Landscape Ordinance
Mark Brodeur	David J. Stoldt	4/25/16	State of California Model Water Efficient Landscape Ordinance
Todd Bodem	David J. Stoldt	4/22/16	State of California Model Water Efficient Landscape Ordinance
Robert MacLean	Barbara Evoy	4/21/16	Request or Application for Order Modifying State Water Board Order WR 2009-0060 (Cease and Desist Order)
Barbara Evoy	Robert MacLean	4/21/16	Request or Application for order Modifying State Water Board Order WR 2009-0060 (Cease and Desist Order)
Tia Hain	MPWMD Board	4/18/16	Proposed Change in Sub Meter Policy
John Hain	MPWMD Board	4/17/16	Sub Metering Policy
Moe Ammar	David J. Stoldt	4/6/16	Public Official of the Year Award - 2016

U:\staff\Boardpacket\2016\20160516\LettersRecd\20160516.docx

CALIFORNIA COASTAL COMMISSION

CENTRAL COAST DISTRICT OFFICE
725 FRONT STREET, SUITE 300
SANTA CRUZ, CA 95060
PHONE: (831) 427-4863
FAX: (831) 427-4877
WEB: WWW.COASTAL.CA.GOV



RECEIVED
MAY 06 2016
MPWMD

May 3, 2016

Ed Ghandour
Security National Guaranty (SNG)
505 Montgomery Street, Suite 1140
San Francisco, CA 94111

Subject: Coastal Development Permit (CDP) A-3-SNC-98-114 (Monterey Bay Shores Resort) – Prior to Construction Condition Compliance Status

Dear Mr. Ghandour:

The purpose of this letter is to provide additional detail about what steps SNG needs to take in order to obtain staff signoff on the remaining prior to construction (PTC) condition requirements associated with the above-referenced CDP. The CDP has six special conditions with PTC requirements: Special Condition 3 includes deferred PTC requirements related to supplements to the approved Dune Restoration Plan's Landscape Plan; Special Condition 5 includes deferred PTC requirements related to certain aspects of the approved Public Access Plan; Special Condition 14 requires a lower cost visitor accommodations mitigation payment; Special Condition 15 requires a revised Habitat Protection Plan (HPP), other agency sign offs where legally required, and revised project materials if necessary in relation to the revised HPP and other agency sign offs; Special Condition 16 requires all EIR transportation mitigation measures to be completed; and Special Condition 17 requires a Transportation Demand Management (TDM) Program.

Special Condition 3

Special Condition 3 was a prior to issuance condition, but staff agreed to SNG's request to allow certain aspects of it to be deferred to be PTC in order to facilitate issuance of the CDP. With regard to the deferred PTC supplements to the Landscape Plan, the document received on January 21, 2016 does not include the deferred additional information identified on the plan note of the approved Landscape Plan. The plan note states:

The permittee shall submit details regarding planting plan specifics, maintenance requirements, and dune contouring parameters, as well as details regarding enhancement measures to be applied to enhance sensitive species habitats, to the Executive Director for review and approval prior to construction. All such details shall be consistent and integrated with the reviewed Habitat Protection Plan in accordance and consistent with Special Condition 15.

The supplemental Landscape Plan notes the following:

- 1) that native seed *would* be collected locally;

Ed Ghandour, SNG

CDP A-3-SNC- 98-114 Prior to Construction Condition Compliance Status

May 3, 2016

Page 2

- 2) that the revegetation plant list *would* consist of species that reflect the diversity and cover of the intact beach, foredune, secondary dune, and back dune habitats in the vicinity; and
- 3) that plant lists and seed mixes *would* consider site characteristics and seed rates should result in long-term recolonization and dune restoration that meets the performance standards defined by the diversity and cover found in adjacent intact habitats. (emphasis added)

We note that the proposal suffers from the same issues that we identified during the prior to issuance review of the Plan, namely that the Plan defers actual parameters to a later date. These are not specific enforceable requirements so much as deferred details. The Plan must identify specifics such as the actual seed mix and the rate of application, the numbers, species, and location of all hand-sewn plants, etc.

In addition, the supplemental materials you submitted also fail to provide any additional information on final dune contouring for dune restoration purposes and instead refer to the grading plan approved by the Executive Director for rough grading and pre-construction site preparation. We have already notified you that that rough grading plan is insufficient to meet the dune restoration requirements of Special Condition 3. Dune contouring plans need to provide actual detail on the way the dunes will ultimately be contoured to support dune restoration (including planting) and habitat enhancement requirements. The plans must identify specifics, such as the location, size, and height of dune hummocks and depressions as necessary to facilitate specific habitat and plant success, how planting parameters will be coordinated with the dune contouring to address sensitive species needs, where contours will be built up to provide screening and wind protection for such habitats/species, etc.

The supplemental plan also includes little mention of specific enhancement measures for sensitive species habitats, including for snowy plover. Similar to the planting issues above, the materials submitted appear to defer identification of actual sensitive species habitat enhancement methods, and are premised more on protecting what habitats will exist post project. Simply achieving conditions that currently exist on site does not constitute sensitive species habitat enhancement. Again, the plans require specific measures to be identified in the plans now. We would suggest that you consult with sensitive species wildlife experts such as Point Blue Conservation Science and/or the United States Fish and Wildlife Service (USFWS) for examples of specific habitat enhancements that can be appropriately implemented on-site. Please identify actual sensitive species enhancement measures in your next submittal (see also Special Condition 15 discussion below for more detail).

Lastly, the supplemental Landscape Plan identifies a reference site on which to base dune restoration performance standards that is more than one mile to the south of the project site in the dunes north of Seaside Beach in an area largely devoid of intact habitat. Although this area does exhibit some habitat characteristics, it is also subject to ongoing disturbance by beachgoers and it is not indicative of a robust, high functioning dune habitat area, as is required for an effective reference site. Based on our current understanding, we would recommend a reference site at the

southern end of Fort Ord Dunes State Park directly abutting the project site to the north where there are fairly good habitat values, including for sensitive species. If a reference site in that area should prove infeasible, we would recommend a reference site in the dune restoration area immediately north of Bay Avenue approximately one mile from the project site.

In sum, to address the supplemental Landscape Plan shortcomings, please submit a revised supplemental Landscape Plan that includes:

- 1) Specific details regarding restoration planting methodologies;
- 2) A reference site that better represents nearby habitat values, such as the sites recommended in this letter;
- 3) Specific sensitive species enhancement measures; and
- 4) Specific dune contouring plans, which must at a minimum be effectively coordinated and integrated with planting and habitat enhancement details.

If you need additional direction, please contact me. In addition, we would be happy to provide you with examples of these types of provisions at the level of detail needed to meet condition requirements if that would be helpful, and/or our staff ecologist can also consult with your biologist to provide additional guidance on what is necessary to meet the requirements of this condition.

Special Condition 5

As noted in our February 9, 2016 status letter, the off-site public beach parking plan required per Special Condition 5(h) has been satisfied. The first of the annual payments must be provided prior to obtaining a business license for the approved development and prior to certificate of occupancy, whichever comes first. With respect to other Special Condition 5 PTC requirements, we have not received any additional information regarding the deferred elements of the public access management plan (e.g., siting, design, and text of all signs and the required public access elements) that we allowed to be submitted PTC to allow issuance of the CDP. Please submit these items so that we can review them as soon as possible.

Special Condition 14

Special Condition 14 requires a lower cost visitor accommodations mitigation payment of \$1,773,300. You have indicated a preference to postpone payment of the fee until after all other prior to construction requirements have been satisfied. We do not object to the timing of this payment, but we just note here that you have not yet complied with this condition.

Special Condition 15

Special Condition 15 includes three related components: (1) the requirement for a revised HPP that addresses certain USFWS concerns; (2) the requirement for evidence of legally required approvals from the City of Sand City, the Monterey Peninsula Water Management District (MPWMD), USFWS, and the California Department of Fish and Wildlife (CDFW); and (3) any

Ed Ghandour, SNG
 CDP A-3-SNC- 98-114 Prior to Construction Condition Compliance Status
 May 3, 2016
 Page 4

changes to project plans and materials necessary to meet other agency and/or revised HPP requirements.

With respect to the revised HPP, we coordinated with USFWS as part of our review, and USFWS provided guidance and ultimately written comments (in a letter dated April 1, 2016 – see enclosed) on the revised HPP document. The USFWS has advised us that the revised HPP does not address their concerns, stating in relevant part that “*the 2015 HPP does little to address our previously voiced concerns...and it prescribes management actions that are likely to result in take of listed species.*” We have reviewed and concur with USFWS’ observations, and agree with the necessary modifications to the HPP that they describe. Please revise the HPP to address the shortcomings identified in the USFWS April 1, 2016 letter.

In addition to the concerns identified in the USFWS letter that must be met, we have identified the following deficiencies with the submitted HPP that need to be corrected. It must:

- 1) establish seasonal nesting zones *prior to* the plover nesting season, not during the nesting season, as proposed;
- 2) establish fixed closures based on recommendations of the USFWS – these cannot be altered during the nesting season except to expand them if plovers are found nesting outside of the fenced areas;
- 3) describe the method of closure and provide a map with polygons of where the closures would be located based on the best available current information, recognizing that the closure areas may change from year to year as nesting locations change;
- 4) describe the size, configuration and type of fencing used to protect the nesting zone;
- 5) identify the specific method for protection of nests in Management Area II;
- 6) establish a 300-foot buffer around plover nests, whether in Management Area I or Management Area II, in which all grading and construction related activities are prohibited until after the nesting season has closed;
- 7) prohibit beach raking;
- 8) prohibit the take of buckwheat plants; and
- 9) require a 2:1 mitigation ratio for impacts to Monterey spineflower.

Please submit a revised HPP that is modified as directed by the April 1, 2016 USFWS letter and the other above-identified issues.

As you know, the Commission did not impose a specific requirement that SNG obtain an Incidental Take Permit or prepare a Habitat Conservation Plan. The CDP does, however, require SNG to provide evidence of all legally required approvals. When approvals are within the purview of other government agencies, the Commission looks to those agencies to provide guidance about whether such approvals are necessary. USFWS’ April 1, 2016 letter notes that the HPP “*is not sufficient to avoid take of listed species caused by construction and use of the Project,*” and that the only available approach to address the “take” resulting from the Project to be permitted under the Endangered Species Act, is for the Applicant to prepare a habitat

Ed Ghandour, SNG

CDP A-3-SNC- 98-114 Prior to Construction Condition Compliance Status

May 3, 2016

Page 5

conservation plan (HCP) in support of an application for an incidental take permit (ITP). The letter explicitly states that *"the Applicant is legally required to comply with the Act and has neither requested nor received any permit or authorization from the Service that would allow for the take of any listed species in association with the proposed Project."* Thus, authorization for the project is legally required from USFWS, and SNG needs to provide evidence of their approval of an HCP/ITP for the project.

Accordingly, in order to comply with the other agency sign-offs associated with Special Condition 15 we need: 1) evidence of an Incidental Take Permit issued by the USFWS; and 2) authorization from CDFW for predator capture and release (because the HPP's predator management plan includes the capture, relocation, and/or release of predators, which requires authorization from CDFW).

Finally, after we have received and approved a revised HPP, and after we have received evidence of all above authorizations, we will need to evaluate if the revised HPP and/or the authorizations result in a modified project that is inconsistent with the project plans that have already been approved. If the project must be modified, we will need revised project plans and other related materials from you for our review and approval to reflect those modifications (as we identified in our August 29, 2014 and November 14, 2014 condition compliance letters).

Special Condition 16

With respect to EIR transportation mitigation measure requirements, we received a letter from the City of Sand City on March 23, 2016 noting that SNG will be required to submit a surety and performance bond, cash, or other form of financial security for the required off-site work (i.e., completion of all EIR transportation mitigation measures). However, the condition requires the actual measures to have been met and/or achieved prior to construction, not merely providing financial surety of them eventually being met and/or achieved. As such, we note in advance that such letter will not satisfy Special Condition 16 requirements. Please provide an explanation of how you intend to meet and/or achieve the EIR transportation mitigation measure requirements, and under what time schedule.

Special Condition 17

In our February 9, 2016 compliance letter, we requested that you submit a revised Transportation Demand Management (TDM) Program that identifies alternative strategies and the specific financial incentives that will be implemented to reduce the project's traffic impacts, along with the specific enforceable measures to ensure implementation. In response to the claim in your February 12, 2016 letter that the TDM program includes all that is reasonably possible, we disagree. Developers commonly commit to specific TDM measures prior to construction. The project does not need to be built and staffed for SNG to commit to TDM specifics as required by Special Condition 17. Please submit a revised TDM program with specific financial incentives and enforceable measures as identified in our previous correspondence in accordance with the requirements of Special Condition 17.

Ed Ghandour, SNG

CDP A-3-SNC- 98-114 Prior to Construction Condition Compliance Status

May 3, 2016

Page 6

We are happy to work with you as you pursue completing the PTC requirements, including, as noted in the past, that we will continue to prioritize the review of your materials, including providing feedback to you on necessary changes required to achieve compliance. We are also happy to provide you with examples of the types of plan provisions that include sufficient specifics and detail to comply with the terms and conditions of this permit. If you have any questions regarding the above, please feel free to contact me at your convenience.

Regards,



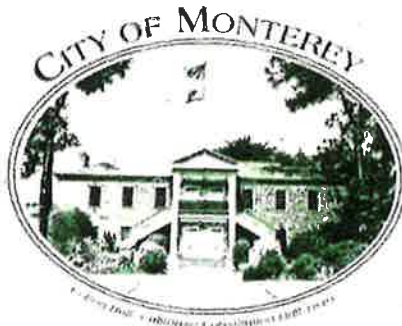
Mike Watson

Coastal Planner

Central Coast District Office

Enclosure: USFWS April 1, 2016 letter

cc: Todd Bodem, City Administrator, City of Sand City
Stephen P. Henry, Field Supervisor, U.S. Fish & Wildlife Service
Jeff Cann, Environmental Scientist, California Department of Fish & Wildlife
David Stoldt, General Manager, MPWMD



7
MAY 02 2015
MAY 02 2015

April 28, 2016

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

Subject: State of California Model Water Efficient Landscape Ordinance

Dear Mr. Stoldt:

We understand that the City of Monterey had until December 1, 2015 to adopt the State's Model Water Efficient Landscape Ordinance or adopt its own ordinance, which must be at least as effective in conserving water as the State's Ordinance, or conversely had until February 1, 2016 to adopt a regional ordinance. If the City did not take action on a water efficient landscape ordinance by the specified dates, the State's Ordinance would become effective by default.

This letter is to inform you that the City of Monterey wishes that the Monterey Peninsula Water Management District adopt a regional ordinance, undertake the Landscape Documentation Package review, and perform the required annual reporting to the State.

The City will retain authority over, and provide review of, any Grading Design Plan element of a Landscape Documentation Package. The City will also remain responsible for review of any jurisdictional-specific landscape design requirements, as well as compliance with the Monterey Regional Stormwater Management Plan.

The City will inform its planning and building department staff of the District's MWELO ordinance and provide a copy for public review in City offices.

Sincerely yours,


Kimberly Cole, AICP
Chief of Planning, Engineering & Environmental Compliance



CITY OF PACIFIC GROVE

Community and Economic Development Department

300 Forest Avenue, Pacific Grove, CA 93950

T : 831.648.3183 • F : 831.648.3184 • www.cityofpacificgrove.org/cdd

RECEIVED

APR 28 2016

MPWMD

April 25, 2016

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

RE: State of California Model Water Efficient Landscape Ordinance

Dear Mr. Stoldt:

We understand that the City of Pacific Grove had until December 1, 2015 to adopt the State's Model Water Efficient Landscape Ordinance (MWELO) or adopt its own ordinance, which must be at least as effective in conserving water as the State's Ordinance, or conversely had until February 1, 2016 to adopt a regional ordinance. If the City did not take action on a water efficient landscape ordinance by the specified dates, the State's Ordinance would become effective by default.

This letter is to inform you that the City of Pacific Grove supports adoption of a regional ordinance by the Monterey Peninsula Water Management District to undertake the Landscape Documentation Package review, and perform the required annual reporting to the State.

The City will retain authority over, and provide review of, any Grading Design Plan element of a Landscape Documentation Package. The City will also remain responsible for review of any jurisdictional-specific landscape design requirements, as well as compliance with the Monterey Regional Stormwater Management Program.

The City will inform its planning and building department staff of the District's MWELO ordinance and provide a copy for public review in City offices.

Sincerely,

Mark Brodeur
Community and Economic Development Director



April 22, 2016

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

Subject: State of California Model Water Efficient Landscape Ordinance

Dear Mr. Stoldt:

We understand that the City of Sand City had until December 1, 2015 to adopt the State's Model Water Efficient Landscape Ordinance or adopt its own ordinance, which must be at least as effective in conserving water as the State's Ordinance, or conversely had until February 1, 2016 to adopt a regional ordinance. If the City did not take action on a water efficient landscape ordinance by the specified dates, the State's Ordinance would become effective by default.

This letter is to inform you that the City of Sand City wishes that the Monterey Peninsula Water Management District adopt a regional ordinance, undertake the Landscape Documentation Package review, and perform the required annual reporting to the State.

The City will retain authority over, and provide review of, any Grading Design Plan element of a Landscape Documentation Package. The City will also remain responsible for review of any jurisdictional-specific landscape design requirements, as well as compliance with the Monterey Regional Stormwater Management Program.

The City will inform its planning and building department staff of the District's MWELO ordinance and provide a copy for public review in City offices.

Sincerely,

Todd Bodem
City Administrator

City Hall
1 Sylvan Park,
Sand City, CA
93955

Administration
(831) 394-3054

Planning
(831) 394-6700

FAX
(831) 394-4272

Police
(831) 394-1451

FAX
(831) 394-1038

Incorporated
May 31, 1960



Robert MacLean
President, California-American Water
1033 B Avenue, Suite 200
Coronado, CA 92118
robert.macleam@amwater.com

P 619.522.6361
F 619.522.6391

April 21, 2016

Barbara Evoy
Division of Water Rights
State Water Resources Control Board
P.O. Box 2000
Sacramento, CA 95812

RECEIVED
APR 26 2016
DIPW...

Via U.S. and Electronic Mail

*Re: Request or Application for Order Modifying State Water Board Order
WR 2009-0060 (Cease and Desist Order)*

Dear Ms. Evoy,

Thank you for your letter dated April 21, 2016 regarding the pending joint request of California-American Water Company, ("Cal-Am"), the Monterey Peninsula Water Management District (the "District"), the Monterey Peninsula Regional Water Authority (the "Authority"), Pebble Beach Company, and the City of Pacific Grove to modify Order WR 2009-0060-DWR under Water Code §1846. I hereby confirm that it is Cal-Am's intention to file a request to amend the November 2015 application.

The Authority has scheduled a special meeting on April 26, 2016 at 7:00 pm to consider this matter. The District's Board of Directors discussed this matter on April 18, 2016 in closed session. All applicants, including Cal-Am, are committed to filing an amended application in advance of May 1, 2016.

Your letter notes that a request to amend the November petition is likely to extend the anticipated timeline to allow consideration of the new information. We humbly request that applicant's amended application be heard on or around June 21, 2016, as currently anticipated, and not further delayed. We recognize the importance of using Board review time efficiently. The amendments to the application should be relatively minor and should not result in additional time for review. Moreover, any delay could jeopardize projects we plan to introduce to bring new water to the Carmel River beginning this summer.

As always, your cooperation in this matter is deeply appreciated. Please feel free to contact me if you have any questions or concerns.

Sincerely,

Robert MacLean
President, California-American Water

(continued on next page)

cc: John O'Hagan
State Water Resources Control Board
Division of Water Rights
P.O. Box 2000
Sacramento, CA 95812-2000
john.o'hagan@waterboards.ca.gov
Via Email and U.S. Mail

Marianna Aue
State Water Resources Control Board
Division of Water Rights
P.O. Box 2000
Sacramento, CA 95812-2000
marianna.aue@waterboards.ca.gov
Via Email and U.S. Mail

Robert Donlan
Ellison, Schneider & Harris L.L.P.
2600 Capitol Avenue, Suite 400
Sacramento, CA 95816
red@eslawfirm.com
Via Email and U.S. Mail

Ken Lewis
California Public Utilities Commission
c/o Environmental Science Associates
550 Kearny Street, Suite 800
San Francisco, CA 94108
Via U.S. Mail Only

David J. Stoldt
Monterey Peninsula Water Management District
5 Harris Court, Building G
Monterey, CA 93940
Via U.S. Mail Only

Monterey Peninsula Regional Water Authority
City of Monterey
580 Pacific Street
Monterey, CA 93940
Via U.S. Mail Only

City of Pacific Grove
300 Forest Avenue
Pacific Grove, CA 93950
Via U.S. Mail Only

(continued on next page)

Pebble Beach Community Services District
3101 Forest Lake Road
Pebble Beach, CA 93953
Via U.S. Mail Only

Jonas Minton
Planning and Conservation League & PCL Foundation
1107 9th Street, Suite 901
Sacramento, CA 95814
Via U.S. Mail Only

Rita Dalessio
Larry Silver, Esq.
Sierra Club, Ventana Chapter
P.O. Box 5667
Carmel, CA 93921
Via U.S. Mail Only

Ron Weitzman
Water Ratepayers Association of the Monterey Peninsula
P.O. Box 146
Carmel, CA 93921
Via U.S. Mail Only

Roy L. Thomas, D.D.S.
26535 Carmel Rancho Blvd, Suite 5-A
Carmel, CA 93923
Via U.S. Mail Only

The Honorable William W. Monning
Seventeenth Senate District
Monterey District Office
99 Pacific Street, Suite 575-F
Monterey, CA 93940
Via U.S. Mail Only

Coalition of Peninsula Businesses
P.O. Box 223542
Carmel, CA 93922
Via U.S. Mail Only

Larry Silver
larrysilver@earthlink.net
Via Email Only

Monterey Bay Partisan
calkinsroyal@gmail.com
Via Email Only

State Water Resources Control Board

APR 21 2016

Via Email and U.S. Postal Service

California American Water Company
Attn: Robert MacLean, President
1033 B Avenue, Suite 200
Coronado, CA 92118
Robert.MacLean@amwater.com

RECEIVED
APR 25 2016
MPWMD

Dear Mr. MacLean:

**REQUEST OR APPLICATION FOR ORDER MODIFYING STATE WATER BOARD ORDER
WR 2009-0060 (CEASE AND DESIST ORDER)**

By letter dated November 20, 2015, California-American Water Company (Cal-Am) submitted a request under Water Code section 1846 to modify Order WR 2009-0060-DWR. Cal-Am submitted this request/application jointly with the Monterey Peninsula Water Management District, Monterey Peninsula Regional Water Authority, Pebble Beach Company and City of Pacific. The State Water Resources Control Board (State Water Board) posted this request, and all related correspondence on its website at:
http://www.waterboards.ca.gov/waterrights/water_issues/projects/california_american_water_company/index.shtml.

Because this request would necessarily be before the full State Water Board, in an abundance of caution, the State Water Board implemented an ex parte communications bar for consideration of the request.

The State Water Board is prepared to formally notice receipt of the November request and to announce an anticipated schedule that results in consideration of the request at a State Water Board public meeting on or around June 21, 2016.

However, the State Water Board has recently become aware of

- 1) an amended petition, with a revised project description, submitted by Cal-Am on March 14, 2016 to the California Public Utility Commission (CPUC) and
- 2) a decision by the CPUC to revise its schedule for a decision on the Monterey Peninsula Water Supply Project.

Additionally, State Water Board staff notes that an April 11, 2016 Monterey Herald article reports that Cal Am and Peninsula representatives intend to submit a revised application to the State Water Board.

Before formally noticing the November application to modify the Cease and Desist Order, staff of the State Water Board asks that Cal-Am clarify in writing if it will be filing a revised application to modify the Cease and Desist Order, and the anticipated timeline for any such request. If Cal-Am anticipates filing such a request, but the timeline extends beyond May 1, 2016, the State

FELICIA MARCUS, CHAIR | THOMAS HOWARD, EXECUTIVE DIRECTOR

APR 21 2016

Water Board asks that Cal-Am withdraw the pending application to avoid confusion and use State Water Board review time efficiently.

Please note that a request to amend the November petition is likely to extend the anticipated timeline to allow for consideration of the new information.

If Cal-Am does not provide a prompt response, the State Water Board will proceed with its plan to publically notice the existing application and schedule the matter for Board consideration in June. Cal-Am can immediately request a withdrawal of the existing application via email to Mr. John O'Hagan at: john.o'hagan@waterboards.ca.gov.

If you have any non-controversial procedural questions, you may contact John O'Hagan at (916) 341-5368, john.ohagan@waterboards.ca.gov or Marianna Aue at (916) 327-4440, marianna.aue@waterboards.ca.gov.

State Water Resources Control Board
Division of Water Rights
Attn: John O'Hagan
P.O. Box 2000
Sacramento, CA 95812-2000

Sincerely,



Barbara Eyoy, Deputy Director
Division of Water Rights

cc: Robert Donlan
Ellison, Schneider & Harris L.L.P.
2600 Capitol Avenue, Suite 400
Sacramento, CA 95816
red@eslawfirm.com
Via Email and U.S. Postal Service

Ken Lewis
California Public Utilities Commission
c/o Environmental Science Associates
550 Kearny Street, Suite 800
San Francisco, CA 94108

Monterey Peninsula Water Management District
5 Harris Court
Monterey, CA 93940

Monterey Peninsula Regional Water Authority
City of Monterey
580 Pacific Street
Monterey, CA 93940

See Next Page

City of Pacific Grove
300 Forest Avenue
Pacific Grove, CA 93950

Pebble Beach Community Services District
3101 Forest Lake Road
Pebble Beach, CA 93953

Joe Minton
Planning and Conservation League & PCL Foundation
1107 9th Street, Suite 901
Sacramento, CA 95814

Rita Dalessio
Larry Silver, Esq.
Sierra Club, Ventana Chapter
P.O. Box 5667
Carmel, CA 93921

Ron Weitzman
Water Ratepayers Association of the Monterey Peninsula
P.O. Box 146
Carmel, CA 93921

Roy L. Thomas, D.D.S.
26535 Carmel Rancho Blvd, Suite 5-A
Carmel, CA 93923

Kevan Urquhart
David J. Stoldt
Monterey Peninsula Water Management District
P.O. Box 85
Monterey, CA 93942

The Honorable William W. Monning
Seventeenth Senate District
Monterey District Office
99 Pacific Street, Suite 575-F
Monterey, CA 93940

Coalition of Peninsula Businesses
P.O. Box 223542
Carmel, CA 93922

Larry Silver
larrysilver@earthlink.net
Via Email Only

Monterey Bay Partisan
calkinsroyal@gmail.com
Via Email Only

To MPWMD Board Members, for reading at the April 18 Hearing in regard to proposed change in Sub Meter Policy;

Dear Board Members and Staff,

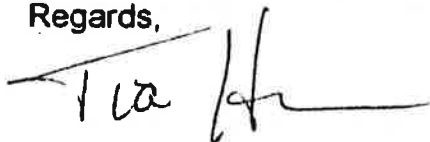
We purchased 1304 Funston Ave., Pacific Grove, APN 007-564-044 three years ago. It has an area of 17,835 sq. ft. lot, the largest residential property in the Del Monte Park area, composed of 4 full size lots. Our residence occupies about two thirds of the lot, with the rear third of the lot, which fronts on Shafter, occupied only by a dilapidated, unused garage/shed that needs to be demolished.

Since the beginning of this year we have been researching ways to improve the rear portion of our property, and found what was most reasonable and beneficial for both us and the community was to apply excess water fixture credits from the existing house (which has 17.4 + 0.5 for hot water circulator to be installed) by eliminating and replacing enough fixtures to allow us to build a new single family residence with 1.5 baths, subject to approval for subdividing the lot, which we have determined will be 5500 sq. ft. In early February we were informed this could be accomplished under the existing sub-metering policy, but in mid February we were led to believe by the MPWMD water demand staff that changes to the sub metering policy to exclude projects such as ours had been proposed and were up for approval in March, so we started making other plans for the property. In mid March, however, we were informed by Water Demand Supervisor Stephanie Locke by email that "The Water Demand Committee reviewed the proposed changes to the sub metering rule and decided not to change it." This resulted in our returning to our original plan and rapidly proceeding to have architectural plans, surveys, arborist, historical, and other preliminary planning steps undertaken, amounting to considerable expenses of time and money as we became increasingly invested financially and emotionally in finalizing the plans for submission to PG Planning. Then, just a few days ago, in response to an inquiry we made about unlisted fixture credits, we were shocked by the following reply: "the District will be considering changes to its sub-metering rule regarding Single-Family Dwellings. This affects situations where credits are proposed to offset the demand of a new Single Family Dwelling." It went on to say that changes in the policy that would exclude our project could be enacted by mid June if approved by the Board.

We fully understand and support the mission and vision of the MPWMD to conserve water resources, but believe any abrupt change in the sub metering policy that prevents approval of our project is both misguided and cruel. We have been proceeding with the utmost care and consideration to design a new residence and modify the existing residence so that no net increase of water usage would occur. In fact, we will submit design ideas that will reduce overall water consumption for the property! This would mean that the community would benefit from improving the appearance of the property, a residence for another middle class family would become available for purchase in the most affordable area of PG, and the existing residence would not be expanded to house a much larger family (which is otherwise very possible within its existing number of fixture credits). We also are willing to compose and abide by any necessary deed

restrictions and inspections. At the very least the MPWMD should allow impacted property owners who are in the planning phase, such as us, to have sufficient time to submit plans and gain approval for their projects. As you likely understand the planning process for subdividing a lot of record is both lengthy and costly. We appeal to your sense of fairness to give us and others like up sufficient time under the existing sub metering policy to negotiate our way through the approval process.

Regards,

A handwritten signature in black ink, appearing to read 'Tia Hain', with a long horizontal stroke extending to the right.

Tia Hain

From: John Hain <johnhain49@gmail.com>
Sent: Sunday, April 17, 2016 7:47 AM
To: Arlene Tavani
Cc: James Smith; Sam, Tia, Max & Oskar Hain; Sam, Tia, Max & Oskar Hain
Subject: Sub metering policy

MPWMD

I intend to be present Monday evening to comment on proposed Ordinance 170, but if unable to attend am requesting this email statement be submitted for their review. Thankyou.

Members of the Board,

My son, daughter-in-law and I purchased 1304 Funston Ave., the largest property in the working middle class area of Pacific Grove, known as Del Monte Park, 3 years ago where they currently live, raising two small children, my grandchildren. The lot is 225 ft. deep and on the rear 5500 sq. ft of the property, which is accessed from Shafter Ave., is an ugly dilapidated garage/open shed. Since January we have invested considerable time, money, and emotional energy into creating a plan for most conscientiously using the property's preexisting 17.4 water credits, taking into account our family's needs and those of the neighborhood and wider community. Our plan is two build a new separate single family residence on the Shafter Ave end of the lot and subdivide the property. The result will be two homes, each having 3 bedrooms and one and a half baths, ideal for average families. **Both** homes would be fit with the latest water saving fixtures and, **additionally**, include metered washbasin faucets, smart shower valves, minimal or no flush urinals, and grey-water systems. If feasible, the proposed new home could even have a rainwater catchment system. **Our well considered approach, which relies on sub metering, will offer the community a new single family home without utilizing any additional water resources, and, over the long term, will actually save water compared with alternative property improvements.**

If the Board eliminates sub metering for family residences, as proposed by this ordinance, not only will our ability to responsibly improve and make the best use of our property be taken away, but so will the opportunity for another working couple to raise a family in PG. Adopting this ordinance will effectively take away our reasonable right to subdivide a property that is currently the size equivalent of four lots and will leave us two inferior improvement options, one being to add on to the existing house by making use of the its 17.4+ water fixture credits in order to create more living space, hence accommodate a very large family (i.e. cheaper by the dozen) or construct a 650 sq. ft. second unit, which would not be cost effective, not serve the residential needs of a working family, and not guarantee any water savings. **The proposed ordinance will not further the goals nor serve the mission of the water district, but will only serve to obstruct the responsible exercise of property rights and reduce options for water wise projects like ours.**

Respectfully submitted,
John Hain
April 18,2016



PACIFIC GROVE
CHAMBER OF COMMERCE
& TOURIST CENTERS

RECEIVED
APR 11 2016
MPWMD

April 6, 2016

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

Dear Mr. Stoldt,

Congratulations! You have been selected by the Board of Directors of the Pacific Grove Chamber of Commerce to receive the Public Official of the Year Award - 2016. The award is based on your dedication, hard work, and commitment to Monterey County.

In order to honor you, a dinner will be held on Saturday, May 21, beginning at 6:00 pm with a no-host reception followed by dinner at 7:00 pm at the Asilomar Conference Grounds, Merrill Hall. You will be requested to address the chamber members and civic leaders at this event.

If you have any questions, please contact me or Rita Pescatore at rita@pacificgrove.org. Please let us know if you prefer the steak or vegetarian entree.

Sincerely,

Moe Ammar
President

EXHIBIT 18-C



Fiscal Year 2016-2017 Budget

May 16, 2016



2016-2017 BUDGET

TABLE OF CONTENTS

<u>RESOLUTION</u>	1
<u>TRANSMITTAL LETTER</u>	4
<u>DISTRICT MISSION AND VISION STATEMENTS</u>	7
<u>EXPENDITURES:</u>	
EXPENDITURE SUMMARY CHART	8
EXPENDITURES COMPARISON BY YEAR.....	9
EXPENDITURES BY OPERATING FUND.....	10
LABOR ALLOCATION BY OPERATING FUNDS	11
EXPENDITURES BY DIVISION	12
PROJECT EXPENDITURES	13
CAPITAL IMPROVEMENT PLAN.....	17
CAPITAL ASSET PURCHASES.....	18
CAPITAL ASSET REPLACEMENT/REPAIR SCHEDULE	19

REVENUES:

REVENUES SUMMARY CHART.....	20
REVENUES COMPARISON BY YEAR	21
REVENUES BY OPERATING FUND	22
REIMBURSABLE AMOUNTS AND GRANTS	23
<u>ANALYSIS OF RESERVES</u>	24
<u>ORGANIZATION CHART</u>	25
<u>DIVISIONAL BUDGET:</u>	
GENERAL MANAGER’S OFFICE	26
ADMINISTRATIVE SERVICES	28
PLANNING & ENGINEERING	30
WATER DEMAND.....	32
WATER RESOURCES	34
<u>BUDGET CALENDAR</u>	36
<u>GLOSSARY</u>	37



RESOLUTION NO. 2016-10

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE MONTEREY PENINSULA WATER MANAGEMENT DISTRICT ADOPTING THE BUDGET FOR FISCAL YEAR 2016-2017

WHEREAS, the General Manager has proposed a budget for Fiscal Year 2016-2017, a copy of which is on file at the District's office.

WHEREAS, the Board of Directors has examined, and deliberated on, the budget during meetings held on May 16, 2016 and June 20, 2016.

NOW, THEREFORE BE IT RESOLVED by the Board of Directors of the Monterey Peninsula as follows:

1. That the said budget as approved at the June 20, 2016 Board of Directors Meeting is hereby approved and adopted as the budget for the Monterey Peninsula Water Management District for Fiscal Year 2016-2017.
2. That the General Manager may delegate the authority to implement this resolution to the Administrative Services Manager/Chief Financial Officer.
3. That the General Manager is authorized and directed to transfer funds from one activity to another within a given fund, and from one Division to another Division, as such times are appropriate, in accordance with generally-accepted accounting principles and consistent with the objectives outlined in the approved budget.
4. That any contract for professional services, or other expenditures for procuring equipment, supplies or services, included in the budget that exceeds \$15,000 shall be executed by the General Manager only upon approval by the Board of Directors at a meeting of the Board of Directors.

On a motion by Director _____ and seconded by Director _____ the foregoing resolution is duly adopted this 20th day of June 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 20th day of June 2016.

Witness my hand and seal of the Board of Directors this 20th day of June 2016.

David J. Stoldt
Secretary to the Board

U:\staff\Boardpacket\2016\20160516\DiscussionItems\18\Item-18-Exh-A.docx

DRAFT

COPY CERTIFICATION

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 Resolution No. 2016-10 duly adopted on the 20th of June 2016.

David J. Stoldt, Secretary to the Board

Date



May 16, 2016

Chairperson Byrne and Board Members
 Monterey Peninsula Water Management District
 5 Harris Court, Building G
 Monterey, California 93940

Dear Chairperson Byrne and Board Members:

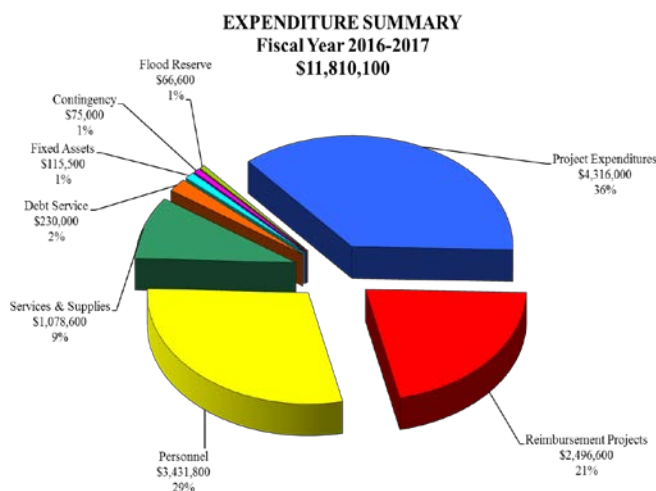
Budget Overview

This letter transmits the recommended budget for Fiscal Year (FY) 2016-2017. While preparing the budget, District staff was mindful of the continuing uncertain economic conditions as well as the current status of the District's existing funding sources, including the user fee revenue. In preparing this year's budget, staff adhered to the strategy to adopt balanced budgets as directed by the Board of Directors in 2005. The FY 2016-2017 Budget does not include use of reserves in order to maintain District programs and services, and it does assume continued collection of the previously adopted Water Supply Charge and continued collection of the Carmel River Mitigation Program revenue from ratepayers of California American Water. This budget does not include user fee revenue.

After compilation of the original requests from all Divisions, a detailed review, and several adjustments by Division Managers and the General Manager, culminated this budget with proposed expenditures and revenues for FY 2016-2017 totaling \$11,810,100, of which \$2,721,600 or 23% includes reimbursement funds from grants, California American Water ratepayers and other agencies.

Expenditures

As shown in the graph on the right and in the expenditures portion of the FY 2016-2017 Budget, the budgeted expenditures of \$11,810,100 decreased by 12% from the amount budgeted in FY 2015-2016. Most of the decrease is attributed to the project expenditures portion of the budget. The project expenditures portion of the budget includes \$3,597,300 towards water supply projects (Water Projects 1 & 2 or Aquifer Storage Recovery Project), Pure Water Monterey (Groundwater Replenishment Project), Local Water



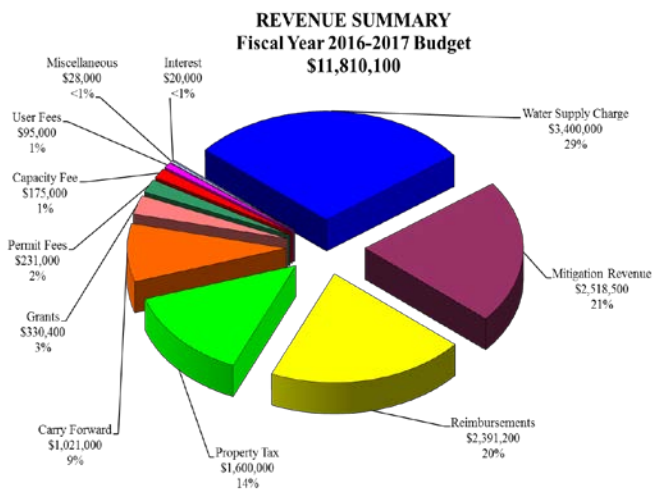
Projects, and other Water Supply Projects), \$534,200 towards mitigation projects, \$184,500 towards non-reimbursable conservation & rebate program activities, and \$2,496,600 towards reimbursement project costs. The reimbursable project expenditure budget includes funds for the operation of Water Projects 1 & 2, Los Padres Dam Plan, grant funded projects, and conservation & rebate program costs. The budget was prepared with the assumption that Cal-Am would continue to reimburse the District for the operation of Water Project 1, and reimburse the cost of both operation and construction of Water Project 2.

Other large project expenditures include \$113,000 for riparian and erosion control activities, \$261,100 for the operation of the Sleepy Hollow fish rearing facility and related fish rescue activities, \$112,100 for lagoon and hydrologic monitoring, \$184,500 for conservation related activities, \$163,700 for retrofit and other conservation devices, and \$1,000,000 for water conservation rebates. The latter two amounts are reimbursable by Cal-Am ratepayers. The expenditure budget also includes \$200,000 for design and permitting of a new water intake system at Sleepy Hollow, paid for with grant funds.

The budget for legal expenses is \$400,000 which is maintained at the same level from last fiscal year. The budget also assumes payment of \$230,000 for debt service (interest and principal) towards the Rabobank ASR loan. The FY 2016-2017 Budget also includes a Capital Improvement Project Forecast as requested by the Board of Directors in 2005.

Revenues

The FY 2016-2017 revenue budget totals \$11,810,100 which decreased by 15% from the amount budgeted in FY 2015-2016. All of the decrease is attributed to the use of reserves in prior fiscal year. This budget assumes collection of the previously adopted Water Supply Charge for FY 2016-2017. This budget also assumed continued collection of the Carmel River Mitigation revenue in the amount of \$2,518,500 from ratepayers of California American Water. This projection is based on an Agreement between MPWMD and California American Water. This budget does not include user fee revenue. Property tax revenues are projected to be \$1,600,000 which is slightly higher than the amount budgeted in FY 2015-2016. Capacity Fees are estimated to be \$175,000, permit revenues are budgeted at \$231,000 are both projected at the same level as prior fiscal year. Projected revenues also include reimbursements of \$426,900 from Cal-Am for ASR 1 and ASR 2 operational costs, \$500,000 from Cal-Am rate payers towards Los Padres Dam long term plan, \$1,323,700 from Cal-Am ratepayers for rebates and other water conservation activities, \$74,600 for services provided to the Seaside Basin Watermaster, and \$330,400 in grant funds for projects as detailed in the expenditure section of the budget.



Reserves

The following table summarizes the ending balances in the reserve accounts. There are changes to reserve balances as a result of the proposed budget:

Reserve Description	Balance 07/01/16	FY 2016-2017 Change	Balance 06/30/17
Insurance/Litigation Reserve	\$250,000	\$0	\$250,000
Flood/Drought Reserve	254,891	66,000	321,491
Capital Equipment Reserve	142,300	0	142,300
Debt Reserve Fund	219,136	0	219,136
General Operating Reserve	592,008	0	592,008
Totals	\$1,458,335	\$66,000	\$1,524,935

As the above table indicates the total reserve is expected to have a balance of approximately \$1,524,935, or 31% of the operating budget.

Summary

The 2016-2017 Budget was prepared using the strategies adopted in 2005 by the Board of Directors to adopt balanced budgets on an annual basis. The FY 2016-2017 Budget does not include use of reserves to balance the budget. This budget assumes continued collection of the District's three main sources of revenues (Water Supply Charge, Carmel River Mitigation Program, and Property Tax), which will allow the District to maintain its service levels currently provided by the District, and sustain its ability to achieve the objectives in the District's Strategic Plan, including Mission and Vision Statements. The District Management Team would like to thank the Board of Director's and other District employees for their contributions and participation in the development of the FY 2016-2017 Budget. They have made contribution to the development of the budget under difficult circumstances and we acknowledge their efforts. As always, this challenging process has produced an excellent document worthy of recognition.

Respectfully submitted:

David J. Stoldt
General Manager

Suresh Prasad
Administrative Services Manager/
Chief Financial Officer

Larry Hampson
Planning & Engineering Manager/
District Engineer

Stephanie Locke
Water Demand Manager

Joe Oliver
Water Resources Manager



MISSION STATEMENT

The mission of the Monterey Peninsula Water Management District is to promote or provide for long-term sustainable water supply, and to manage and protect water resources for the benefit of the community and the environment.

VISION STATEMENT

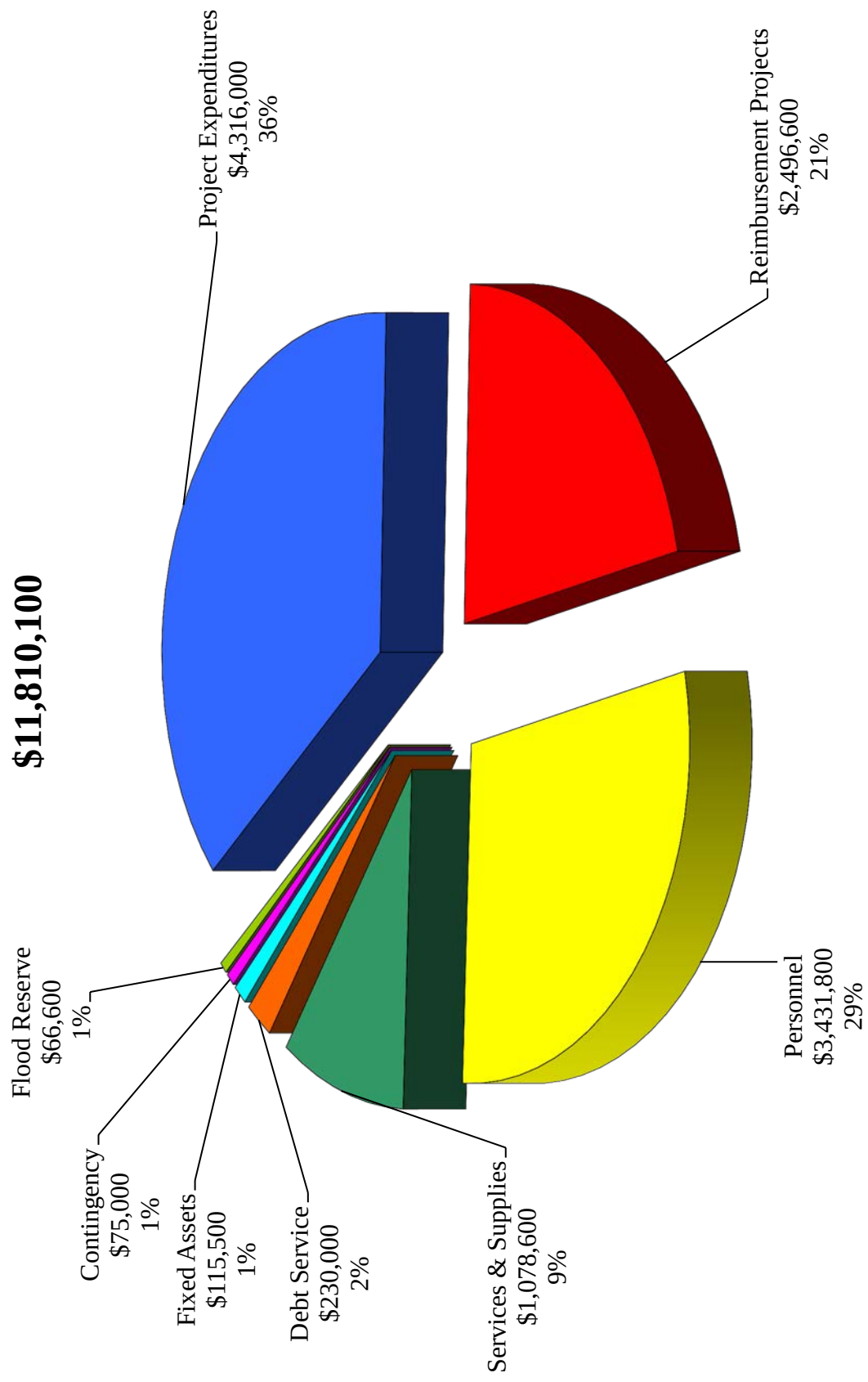
The MPWMD:

- 1) will strive to ensure a public role in development, ownership, and oversight of water supply solutions in collaboration with private or other public entities, resulting in sustainable, legal, affordable, and environmentally responsible water supply, consistent with adopted general plans;*
- 2) shall carry out its leadership role in water resource management in a fiscally responsible and professional manner.*

EXPENDITURE SUMMARY

Fiscal Year 2016-2017

\$11,810,100



**Monterey Peninsula Water Management District
Expenditures Comparison by Year
Fiscal Year 2016-2017 Budget**

	FY 2014-2015 <u>Revised</u>	FY 2015-2016 <u>Revised</u>	FY 2016-2017 <u>Proposed</u>	Change From <u>Previous Year</u>	Percentage <u>Change</u>
<u>PERSONNEL</u>					
Salaries	\$2,270,400	\$2,415,600	\$2,406,700	(\$8,900)	-0.37%
Retirement	390,000	401,000	407,600	6,600	1.65%
Unemployment Compensation	3,000	3,000	3,000	0	0.00%
Auto Allowance	4,800	6,000	6,000	0	0.00%
Deferred Compensation	7,000	7,800	8,400	600	7.69%
Temporary Personnel	40,800	71,000	41,200	(29,800)	-41.97%
Workers Comp. Ins.	39,300	44,400	48,600	4,200	9.46%
Employee Insurance	384,200	410,800	427,600	16,800	4.09%
Medicare & FICA Taxes	27,600	39,700	41,500	1,800	4.53%
Personnel Recruitment	1,500	6,000	6,500	500	8.33%
Staff Development	33,700	38,500	34,700	(3,800)	-9.87%
Subtotal	\$3,202,600	\$3,444,300	\$3,431,800	(\$12,500)	-0.36%
<u>SERVICES & SUPPLIES</u>					
Board Member Comp	\$37,000	\$30,000	\$37,000	\$7,000	23.33%
Board Expenses	4,500	10,000	10,000	-	0.00%
Rent	20,900	23,600	23,200	(400)	-1.69%
Utilities	35,300	38,400	38,200	(200)	-0.52%
Telephone	38,400	44,100	42,900	(1,200)	-2.72%
Facility Maintenance	34,500	37,200	37,900	700	1.88%
Bank Charges	3,500	3,500	4,000	500	14.29%
Office Supplies	16,200	15,700	14,000	(1,700)	-10.83%
Courier Expense	8,000	8,000	7,800	(200)	-2.50%
Postage & Shipping	3,000	4,000	6,400	2,400	60.00%
Equipment Lease	17,000	15,000	14,000	(1,000)	-6.67%
Equip. Repairs & Maintenance	4,500	7,000	7,500	500	7.14%
Photocopy Expense	3,300	0	-	-	0.00%
Printing/Duplicating/Binding	15,500	7,500	9,900	2,400	32.00%
IT Supplies/Services	86,500	105,400	93,000	(12,400)	-11.76%
Operating Supplies	21,600	20,900	18,800	(2,100)	-10.05%
Legal Services	400,000	400,000	400,000	-	0.00%
Professional Fees	121,800	135,000	140,000	5,000	3.70%
Transportation	31,000	24,100	26,600	2,500	10.37%
Travel	21,000	35,200	32,100	(3,100)	-8.81%
Meeting Expenses	8,100	7,200	8,100	900	12.50%
Insurance	45,000	45,000	45,100	100	0.22%
Legal Notices	4,300	4,300	4,300	-	0.00%
Membership Dues	30,000	25,500	29,100	3,600	14.12%
Public Outreach	0	4,000	5,100	1,100	27.50%
Assessors Administration Fee	0	20,000	20,000	-	0.00%
Miscellaneous	7,500	3,500	3,600	100	2.86%
Subtotal	\$1,018,400	\$1,074,100	\$1,078,600	\$4,500	0.42%
FIXED ASSETS	199,000	174,200	115,500	(\$58,700)	-33.70%
<u>PROJECT EXPENDITURES</u>					
Water Supply	3,695,300	6,180,100	3,597,300	(2,582,800)	-41.79%
Mitigation	449,000	384,000	534,200	150,200	39.11%
Public Outreach	0	0	0	0	0.00%
Conservation	207,250	207,000	184,500	(22,500)	-10.87%
Reimbursement Projects	2,616,450	1,614,000	2,496,600	882,600	54.68%
DEBT SERVICE	230,000	230,000	230,000	0	0.00%
FLOOD/DROUGHT RESERVE	0	0	66,600	0	0.00%
CONTINGENCY	75,000	75,000	75,000	0	0.00%
EXPENDITURE TOTAL	\$11,791,550	\$13,930,850	\$11,810,100	(\$1,639,200)	-11.77%

Monterey Peninsula Water Management District
Expenditures by Operating Fund
Fiscal Year 2016-2017 Budget

	<u>Mitigation</u>	<u>Water Supply</u>	<u>Conservation</u>	<u>Total</u>
<u>PERSONNEL</u>				
Salaries	\$1,017,600	\$830,200	\$558,900	\$2,406,700
Retirement	172,500	148,100	87,000	407,600
Unemployment Compensation	1,300	1,000	700	\$3,000
Auto Allowance	1,200	3,600	1,200	\$6,000
Deferred Compensation	1,700	5,000	1,700	\$8,400
Temporary Personnel	500	400	40,300	\$41,200
Workers Comp. Ins.	29,800	16,300	2,500	\$48,600
Employee Insurance	180,100	134,300	113,200	\$427,600
Medicare & FICA Taxes	18,700	13,300	9,500	\$41,500
Personnel Recruitment	2,700	2,000	1,800	\$6,500
Staff Development	12,400	11,000	11,300	34,700
Subtotal	\$1,438,500	\$1,165,200	\$828,100	\$3,431,800
<u>SERVICES & SUPPLIES</u>				
Board Member Comp	15,500	11,500	10,000	\$37,000
Board Expenses	4,200	3,100	2,700	10,000
Rent	10,800	9,700	2,700	23,200
Utilities	16,100	11,900	10,200	38,200
Telephone	17,700	13,900	11,300	42,900
Facility Maintenance	16,100	12,300	9,500	37,900
Bank Charges	1,700	1,200	1,100	4,000
Office Supplies	5,700	4,400	3,900	14,000
Courier Expense	3,300	2,400	2,100	7,800
Postage & Shipping	2,700	2,100	1,600	6,400
Equipment Lease	5,900	4,300	3,800	14,000
Equip. Repairs & Maintenance	3,200	2,300	2,000	7,500
Printing/Duplicating/Binding	2,100	1,500	6,300	9,900
IT Supplies/Services	39,100	28,900	25,000	93,000
Operating Supplies	2,300	1,800	14,700	18,800
Legal Services	112,000	240,000	48,000	400,000
Professional Fees	58,800	43,400	37,800	140,000
Transportation	10,300	10,300	6,000	26,600
Travel	10,600	8,600	12,900	32,100
Meeting Expenses	2,400	1,800	3,900	8,100
Insurance	18,900	14,000	12,200	45,100
Legal Notices	1,900	1,700	700	4,300
Membership Dues	10,100	7,600	11,400	29,100
Public Outreach	2,100	1,600	1,400	5,100
Assessors Administration Fee	-	12,800	7,200	20,000
Miscellaneous	1,500	1,100	1,000	3,600
Subtotal	\$375,000	\$454,200	\$249,400	\$1,078,600
FIXED ASSETS	25,600	19,800	70,100	\$115,500
<u>PROJECT EXPENDITURES</u>				
Water Supply	0	3,597,300	0	3,597,300
Mitigation	472,850	61,350	0	534,200
Conservation	0	0	184,500	184,500
Reimbursement Projects	229,000	1,077,900	1,189,700	2,496,600
DEBT SERVICE	0	230,000	0	230,000
FLOOD/DROUGHT RESERVE	66,600	0	0	66,600
CONTINGENCY	31,500	23,200	20,300	75,000
EXPENDITURE TOTAL	\$2,639,050	\$6,628,950	\$2,542,100	\$11,810,100

Monterey Peninsula Water Management District
Labor Allocation by Operating Funds
Fiscal Year 2016-2017

	<u>Mitigation</u>	<u>Water Supply</u>	<u>Conservation</u>	<u>Total</u>
<u>General Manager's Office</u>				
General Manager	20%	60%	20%	100%
Executive Assistant	25%	50%	25%	100%
<u>Administrative Services</u>				
ASD Mgr/CFO	33%	34%	33%	100%
Accountant	33%	34%	33%	100%
Human Resources Analyst	33%	34%	33%	100%
Office Services Supervisor	33%	34%	33%	100%
Office Specialist II	33%	34%	33%	100%
Information Technology Manager	30%	37%	33%	100%
GIS Specialist	51%	39%	10%	100%
<u>Planning & Engineering</u>				
P&E Mgr/District Engineer	58%	42%	0%	100%
Water Resources Engineer	85%	15%	0%	100%
Riparian Projects Coordinator	80%	20%	0%	100%
River Maintenance Specialist	100%	0%	0%	100%
River Maintenance Worker	100%	0%	0%	100%
<u>Water Demand</u>				
Water Demand Manager	0%	20%	80%	100%
Conservation Rep II	0%	75%	25%	100%
Conservation Rep II	0%	25%	75%	100%
Conservation Rep I	0%	0%	100%	100%
Conservation Rep I	0%	0%	100%	100%
Conservation Technician II	0%	0%	100%	100%
<u>Water Resources</u>				
Water Resources Manager	29%	71%	0%	100%
Senior Hydrogeologist	0%	100%	0%	100%
Hydrography Programs Coordinator	90%	10%	0%	100%
Associate Hydrologist	2%	98%	0%	100%
Senior Fisheries Biologist	95%	5%	0%	100%
Associate Fisheries Biologist	100%	0%	0%	100%
Associate Fisheries Biologist	100%	0%	0%	100%
Average Percentage	42%	31%	27%	100%

Monterey Peninsula Water Management District
Expenditures by Division
Fiscal Year 2016-2017 Budget

	General Manger's <u>Office</u>	Administrative <u>Services</u>	Planning & <u>Engineering</u>	Water <u>Demand</u>	Water <u>Resources</u>	<u>Total</u>
<u>PERSONNEL</u>						
Salaries	\$274,900	\$581,700	\$479,400	\$414,800	\$655,900	\$2,406,700
Retirement	50,800	99,200	73,500	62,900	121,200	407,600
Unemployment Compensation	0	3,000	0	0	0	3,000
Auto Allowance	6,000	0	0	0	0	6,000
Deferred Compensation	8,400	0	0	0	0	8,400
Temporary Personnel	0	1,200	0	40,000	0	41,200
Workers' Comp.	1,400	2,300	18,200	1,800	24,900	48,600
Employee Insurance	28,600	151,100	69,300	81,700	96,900	427,600
Medicare & FICA Taxes	4,100	12,200	7,000	6,100	12,100	41,500
Personnel Recruitment	0	6,500	0	0	0	6,500
Staff Development	4,000	10,000	8,600	7,500	4,600	34,700
Subtotal	\$378,200	\$867,200	\$656,000	\$614,800	\$915,600	\$3,431,800
<u>SERVICES & SUPPLIES</u>						
Board Member Comp	\$0	\$37,000	\$0	\$0	\$0	37,000
Board Expenses	10,000	0	0	0	0	10,000
Rent	0	10,000	6,600	0	6,600	23,200
Utilities	0	37,800	0	0	400	38,200
Telephone	1,300	33,000	4,600	2,000	2,000	42,900
Facility Maintenance	0	35,100	1,400	0	1,400	37,900
Bank Charges	0	4,000	0	0	0	4,000
Office Supplies	500	12,200	400	500	400	14,000
Courier Expense	0	7,800	0	0	0	7,800
Postage & Shipping	0	6,000	0	0	400	6,400
Equipment Lease	0	14,000	0	0	0	14,000
Equip. Repairs & Maintenance	0	7,500	0	0	0	7,500
Printing/Duplicating/Binding	1,000	4,000	0	4,900	0	9,900
IT Supplies/Services	2,600	90,000	400	0	0	93,000
Operating Supplies	500	4,000	400	13,500	400	18,800
Legal Services	0	400,000	0	0	0	400,000
Professional Fees	90,000	50,000	0	0	0	140,000
Transportation	0	0	6,000	6,000	14,600	26,600
Travel	10,000	8,100	1,000	8,000	5,000	32,100
Meeting Expenses	700	4,500	400	2,500	0	8,100
Insurance	0	45,100	0	0	0	45,100
Legal Notices	500	2,200	0	0	1,600	4,300
Membership Dues	22,200	1,500	0	5,000	400	29,100
Public Outreach	5,100	0	0	0	0	5,100
Assessors Administration Fee	0	20,000	0	0	0	20,000
Miscellaneous	1,000	2,600	0	0	0	3,600
Subtotal	\$145,400	\$836,400	\$21,200	\$42,400	\$33,200	\$1,078,600
FIXED ASSETS	0	42,200	0	73,300	0	115,500
<u>PROJECT EXPENDITURES</u>						
Water Supply	282,500	0	2,270,400	0	1,044,400	3,597,300
Mitigation	0	0	163,000	0	371,200	534,200
Conservation	0	0	0	184,500	0	184,500
Reimbursement Projects	110,400		528,000	1,189,700	668,500	2,496,600
DEBT SERVICE	0	230,000	0	0	0	230,000
FLOOD/DROUGHT RESERVE	0	66,600	0	0	0	66,600
CONTINGENCY	0	75,000	0	0	0	75,000
Expenditure Total	\$916,500	\$2,117,400	\$3,638,600	\$2,104,700	\$3,032,900	\$11,810,100

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
PROJECT EXPENDITURES
FISCAL YEAR 2016-2017 BUDGET

Objective	Timeline	Total	Account	Division	Reimbursable	Source
AUGMENT WATER SUPPLY						
Operations Modeling						
1-1-1 GSFLOW Development (formerly CVSIM)	June	49,000	35-03-782900	P&E		
1-1-2 Los Padres Dam Long Term Plan	June	500,000	35-03-786015	P&E	500,000	CAW
1-1-2 A Los Padres Reservoir Expansion Simulation	June	25,000	35-03-7860XX	P&E		
Water Supply Projects						
1-2-1 Water Project 1 (Aquifer Storage Recovery 1)						
A. Santa Margarita Site						
1. Site work						
a. FORA / regulatory agency compliance	Ongoing	10,000	35-04-786004	WRD		
b. Site expansion engineering	Ongoing	276,200	35-04-786004	WRD		
c. Backup ASR well design/bid specification	Summer/Fall	14,800	35-04-786004	WRD		
d. Facility PLC interface	Fall/Winter	118,100	35-04-786004	WRD		
e. ASR-1 and 2 permanent soundproof enclosures	Fall/Winter	25,000	35-04-786004	WRD		
f. City of Seaside easement (ground lease)	Ongoing	16,500	35-04-786004	WRD		
g. Grading Project (pit expand)	Winter/Spring	323,500	35-04-786004	WRD		
h. ASR1 turbidimeter/PLC interlock	Winter/Spring	20,000	35-04-786004	WRD		
i. Lube water booster system installation	Winter/Spring	23,000	35-04-786004	WRD		
j. Supplemental Sampling and Analysis Plan (SSAP)	Ongoing	65,000	35-04-786004	WRD		
k. Contingency (15%)	Ongoing	133,800	35-04-786004	WRD		
2. Operations and Maintenance						
a. Operations support	Ongoing	30,000	35-04-786004	WRD	30,000	CAW
b. Water quality lab analysis	Ongoing	25,000	35-04-786004	WRD	25,000	CAW
c. Electrical power	Ongoing	93,800	35-04-786004	WRD	93,800	CAW
d. Replacement parts for water quality field meters	Ongoing	5,000	35-04-786004	WRD	5,000	CAW
e. Backup 500' water level probe	Ongoing	1,500	35-04-786004	WRD	1,500	CAW
f. Transducers maintenance / replacement	Ongoing	4,000	35-04-786004	WRD	4,000	CAW
g. Misc supplies - ASR field office	Ongoing	500	35-04-786004	WRD	500	CAW
h. Security cameras	Ongoing	300	35-04-786004	WRD	300	CAW
i. Facility building DSL line internet (air modem charge)	Ongoing	500	35-04-786004	WRD	500	CAW
j. Facility building maintenance	Ongoing	1,000	35-04-786004	WRD	1,000	CAW
k. Grunfos sample pump repair / replacement	Ongoing	3,000	35-04-786004	WRD	3,000	CAW
l. Site Service	Ongoing	1,200	35-04-786004	WRD	1,200	CAW
m. Contingency (10%)	Ongoing	16,600	35-04-786004	WRD	16,600	CAW
B. Water Project 2 (Aquifer Storage Recover 2)						
1. Seaside Middle School Site						
a. ASR well rehab testing	Summer/Fall	125,000	35-04-786007	WRD	125,000	CAW
b. ASR wells baseline injection testing	Winter/Spring	14,000	35-04-786007	WRD	14,000	CAW
c. Contingency (15%)	Ongoing	20,900	35-04-786007	WRD	20,900	CAW
2. Operations & Maintenance						
a. Operations support	Ongoing	10,000	35-04-786006	WRD	10,000	CAW
b. Water quality lab analysis	Ongoing	18,800	35-04-786006	WRD	18,800	CAW
c. Electrical power	Ongoing	46,900	35-04-786006	WRD	46,900	CAW
d. Facility building maintenance	Ongoing	1,200	35-04-786006	WRD	1,200	CAW
e. Contingency (15%)	Ongoing	7700	35-04-786006	WRD	7,700	CAW
1-4-1 Water Rights Permits Fees	Ongoing	5,000	35-03-781200	P&E		
1-5-1 Ground Water Replenishment Project (PWM)	Ongoing	1,576,500	35-03-786010	GMO/P&E		
1-7-1 A. ASR Expansion Study - Carmel Valley	Ongoing	18,500	35-04-786016	WRD		
1-8-1 A. Other Water Supply Projects - IFIM feasibility studies	Ongoing	103,000	35-03-786019	P&E		
1-9-1 Cal-Am Desal Project	Ongoing	200,000	35-01-786025	GMO		
1-10-1 Local Water Projects	Ongoing	466,900	35-03-786033	P&E		
1-11-1 Alternate Desal Project	Ongoing	0	35-03-786035	P&E		
1-10-1 Carmel River Basin Study	Ongoing	45,000	35-03-7860XX	P&E		
1-5-1 Drought Contingency Plan	Ongoing	192,900	35-03-7860XX	GMO	110,400	Rec Bureau
AUGMENT WATER SUPPLY TOTAL		4,634,600			1,037,300	

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
PROJECT EXPENDITURES
FISCAL YEAR 2016-2017 BUDGET

Objective	Timeline	Total	Account	Division	Reimbursable	Source
PROTECT ENVIRONMENTAL QUALITY						
Riparian Mitigations						
2-1-1 Irrigation Program						
A. Operate and maintain 4 well systems	Ongoing	10,000	24-03-785011	P&E		
B. Operate and maintain District project systems	Ongoing	15,000	24-03-785012	P&E		
C. Refurnish DeDampierre well vault	June	5,000	24-03-785012	P&E		
2-1-2 Riparian Corridor Management						
A. Maintain and diversify plantings at District projects						
1. Seed collection and propagation	Ongoing	1,000	24-03-787030	P&E		
2. Supplemental planting	Ongoing	500	24-03-787033	P&E		
B. Riparian corridor maintenance (projects/equipment)	Ongoing	1,000	24-03-787080	P&E		
2-1-3 Riparian Monitoring Program						
A. Vegetation and soil moisture monitoring	Ongoing	500	24-03-787021	P&E		
B. Wildlife monitoring	August & May	0	24-03-787022	P&E		
C. Field Biology Assistant	Ongoing	0	24-03-787010	P&E		
2-1-4 Address Vegetation Hazards and Remove Trash	Ongoing	15,000	24-03-787040	P&E		
Erosion Protection						
2-2-1 Repair Bank Damage at District Restoration Projects						
A. Work at lower San Carlos restoration project	June	50,000	24-03-789541	P&E		
2-2-2 Carmel Riverbed Topographic Data	Ongoing	15,000	24-03-7895XX	P&E		
Aquatic Resources Fisheries						
2-3-1 Sleepy Hollow Facility Operations						
A. General operations and maintenance	Ongoing	26,000	24-04-785813	WRD		
B. Power	Ongoing	21,000	24-04-785813	WRD		
C. Road maintenance	June	3,000	24-04-785813	WRD		
D. Replacement of standby generator fuel	Ongoing	700	24-04-785813	WRD		
E. Generator maintenance service	Spring	5,900	24-04-785813	WRD		
F. Design and permitting for new intake system	2016	200,000	24-04-785812	WRD	200,000	Coastal Conservar
G. Facility upgrade (construction)	2017	0	24-04-785812	WRD		
H. ESA Section 10 SHSRF Evaluations	Ongoing	65,000	24-04-785811	WRD		
I. Intake/cold well repair & maintenance	Ongoing	10,000	24-04-785813	WRD		
J. Rearing channel screen replacement	July	0	24-04-785813	WRD		
K. Alarm System Redesign/Replacement	July-Sept.	20,000	24-04-785811	WRD		
L. Water Resources Assitant for Weekend Shift	Jun.-Jan.	7,900	24-04-787010	WRD		
2-3-2 Conduct Juvenile Rescues						
A. Miscellaneous fish rescue supplies	Ongoing	5,300	24-04-785813	WRD		
B. Water Resources Assistant	Ongoing	12,600	24-04-787010	WRD		
C. Seasonal Fish Rescue Workers	Ongoing	18,400	24-04-787010	WRD		
D. Recalibrate backpack electro-fisher	Ongoing	900	24-04-785813	WRD		
E. Waders	Ongoing	1,500	24-04-785813	WRD		
F. On-call fish rescue crew leader	Ongoing	6,500	24-04-787010	WRD		
E. Equipment Expenses	Ongoing	500	24-04-785811	WRD		
2-3-3 Rescue & Transport Smolts						
A. Smolt rescue supplies	Feb-May	1,500	24-04-785833	WRD		
B. Water Resources Assistant	March-May	9,900	24-04-787010	WRD		
C. Seasonal Fish Rescue Worker	March-May	9,200	24-04-787010	WRD		
2-3-4 Monitoring of Adult Steelhead Counts - San Clemente Dam						
A. DIDSON Steelhead counting station components	Fall-Spring	7,800	24-04-785851	WRD		
B. Water Resources Assistant	Fall-Spring	16,500	24-04-787010	WRD		
2-3-5 Adult & kelt rescue and transport	Ongoing	1,000	24-04-785900	WRD		
2-3-6 Contracted Aquatic Invertebrate Identification & Retraining	Oct.	4,000	24-04-785860	WRD		
2-3-7 Carmel River & Lagoon Water Quality Monitoring Samples	Ongoing	1,200	24-04-785870	WRD		
Water Resources Assistant	Ongoing	4,800	24-04-787010	WRD		

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
PROJECT EXPENDITURES
FISCAL YEAR 2016-2017 BUDGET

Objective	Timeline	Total	Account	Division	Reimbursable	Source
Lagoon Mitigation Activities						
2-4-1 Monitoring						
A. Bi-annual inter-agency cooperative Steelhead survey	June/Dec	500	24-04-785871	WRD		
B. YSI Automatic Vertical Water Quality Profiler	Ongoing	5,000	24-04-782203	WRD		
Hydrologic						
2-5-1 Carmel Valley						
A. Monitor Carmel River near Carmel (USGS)	Ongoing	15,200	35-04-785600	WRD		
B. Water quality chemical analyses	Ongoing	1,600	35-04-781510	WRD		
C. Replace CVA coastal monitor well cluster	Ongoing	39,400	xx-04-785502	WRD		
D. Fractured rock well monitoring	Ongoing	2,000	xx-04-785507	WRD		
E. CVA wells digitization	Ongoing	-	4/5-785505	WRD		
F. Water resources intern (WQ)	Ongoing	4,500	35-04-7815XX	WRD		
2-5-2 Seaside Basin Watermaster						
A. MMP implementation (non-labor portion, + \$35k for labor)	Ongoing	35,000	35-04-786003	WRD	35,000	S./Side Watermasi
B. MPWMD monitor well maintenance (pumps)	Ongoing	1,000	35-04-786003	WRD	1,000	S./Side Watermasi
C. Replace LS Driving range well with QED pump (SCS-Deep)	Ongoing	3,100	35-04-786003	WRD	3,100	S./Side Watermasi
D. ROE renewal for Ft Ord Dunes State Park access	Ongoing	500	35-04-786003	WRD	500	S./Side Watermasi
2-5-3 District Wide						
A. Stream flow monitoring program						
1. Miscellaneous equipment	Ongoing	10,000	xx-04-785603	WRD		
2. Data line rental - 7 sites	Ongoing	3,000	xx-04-785603	WRD		
3. Hydstra Time Series Software Annual Support	Ongoing	2,100	xx-04-785603	WRD		
4. Hydstra consulting - report customization/website	Summer-Fall	4,000	xx-04-785603	WRD		
5. Purchase (5) RV50 Cellular Modems	Summer-Fall	3,500	xx-04-785603	WRD		
B. Other Hydrologic Monitoring						
1. Monitor well conversions	Ongoing	2,000	xx-04-785502	WRD	2,000	Applicant
2. Annual Well Reporting	Ongoing	2,600	xx-04-781602	WRD		
3. Misc. equipment (2 well probes)	Ongoing	1,500	xx-04-781602	WRD		
4. SCD replacement rain/temp stations (incl site fencing)	Ongoing	10,000	xx-04-781602	WRD		
5. FO-09 monitor replacement XD's and rugged cables	Ongoing	5,200	xx-04-781603	WRD		
Integrated Regional Water Management						
2-6-1 Integrated Regional Water Management						
A. Prop 1 coordination	June	25,000	24-03-785505	P&E		
Water Distribution System Permitting						
2-8-1 Permit Processing Assistance	Ongoing	30,000	24-03-785503	P&E	15,000	Applicant
2-8-2 Hydrogeologic Impact Review	Ongoing	2,000	24-03-785503	P&E	2,000	Applicant
2-8-3 County Fees - CEQA Posting and Recording	Ongoing	3,000	24-03-785503	WDD	3,000	Applicant
2-8-4 WDS Permit Package Review (MPWMD Counsel)	Ongoing	8,000	24-03-785503	WDD	8,000	Applicant
2-8-5 Document Management/File Scanning (Temporary service)	June	5,000	24-03-785503	P&E		
2-8-6 Temporary staff	June	5,000	24-03-785503	P&E		
PROTECT ENVIRONMENTAL QUALITY TOTAL		803,800			269,600	

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
PROJECT EXPENDITURES
FISCAL YEAR 2016-2017 BUDGET

Objective	Timeline	Total	Account	Division	Reimbursable	Source
WATER DEMAND						
Demand Management						
4-1-1 Rule Implementation/Enforcement						
A. Deed Restriction recording	Ongoing	15,000	26-05-781900	WDD	6,000	Applicant (40%)
B. CEQA Compliance	Fall	15,000	26-05-780100	WDD		
4-1-2 Database Project						
A. Maintenance & Programming	Ongoing	60,000	26-05-781161	WDD		
Water Conservation						
4-2-1 Conservation Outreach						
A. Outreach and communication	Ongoing	34,500	26-05-781140	WDD		
4-2-2 Conservation Programs (non-reimbursable)						
A. Best management practices	Ongoing	15,000	26-05-781155	WDD		
B. Water audits/budgets - stage 2	Ongoing		26-05-781181	WDD		
C. Conservation Website Maintenance	Ongoing	2,500	26-05-781160	WDD		
D. Conservation devices - nonreimbursable	Ongoing		26-05-781187	WDD		
E. Drought response	Ongoing		26-05-781190	WDD		
B. Aquacue barnacle	Ongoing	3,000	26-05-7811XX	WDD		
B. School Water Education	Ongoing	1,000	26-05-7811XX	WDD		
4-2-3 Conservation Programs (Reimbursable)						
A. CIMIS Stations	Ongoing	3,400	26-05-781311	WDD	3,400	CAW
B. Website Upgrades	Ongoing	5,000	26-05-781360	WDD	5,000	CAW
C. Community Gardens	Ongoing		26-05-781364	WDD	0	CAW
D. Linen/Towel Program	Ongoing	25,000	26-05-781380	WDD	25,000	CAW
D. Water audits/budgets - stage 2	Ongoing		26-05-781381	WDD	0	CAW
E. Conservation & efficiency workshops/training	Ongoing	25,000	26-05-781382	WDD	25,000	CAW
F. In-Line Meter Pilot Program	Ongoing		26-05-781383	WDD	0	CAW
G. GardenSoft WateWise Gardening	Ongoing	5,300	26-05-781386	WDD	5,300	CAW
H. Conservation devices - Reimbursable	Ongoing	40,000	26-05-781387	WDD	40,000	CAW
I. Conservation printed material	Ongoing	10,000	26-05-781388	WDD	10,000	CAW
J. Pressure Regulator Pilot Program	Ongoing		26-05-781389	WDD	0	CAW
J. Pressure Reducing Valve Program	Ongoing	50,000	26-05-7813XX	WDD	50,000	CAW
4-2-4 Rebate Program						
A. CAW	Ongoing	1,000,000	26-05-781412	WDD	1,000,000	CAW
A. Graywater/Rainwater System	Ongoing	20,000	26-05-781463	WDD	20,000	CAW
B. Seaside Municipal	Ongoing		26-05-781499	WDD	0	
C. Non-CAW (MPWMD funded)	Ongoing	40,000	26-05-781499	WDD		
D. Rebate & Other Forms	Ongoing	4,500	26-05-781400	WDD		
WATER DEMAND TOTAL		1,374,200			1,189,700	
PROJECT EXPENDITURES TOTAL		6,812,600			2,496,600	

Monterey Peninsula Water Management District
Capital Improvement Plan
Fiscal Year 2016-2017 Budget

<u>Division</u>	<u>Project Description</u>	<u>FY 2015-2016</u>	<u>FY 2016-2017</u>	<u>FY 2017-2018</u>	<u>Funding Source</u>
Funded From District Revenues					
P&E/GMO	Groundwater Replenishment Project (Pure Water Monterey)	\$2,833,000	\$1,000,000	\$0	District Revenues & Reserves
P&E/GMO	GWR Operating Reserve Fund	\$0	\$500,000	\$1,000,000	District Revenues & Reserves
P&E/GMO	GWR Drought Reserve Fund	\$0	\$0	\$217,242	District Revenues & Reserves
WRD	Water Project 1 (Phase 1 Aquifer Storage & Recovery)	836,300	0	16,380	District Revenues
WRD	ASR Expansion Study	50,400	0	0	District Revenues
P&E	Cal-Am Desal Project	510,000	350,000	120,000	District Revenues
P&E	Local Water Projects	295,000	200,000	200,000	District Revenues
P&E	Alternate Desal Project	350,000	0	0	District Revenues
P&E	Other Water Supply Projects - IFIM/GSFlow	125,000	250,000	125,000	District Revenues
P&E	Other Water Supply Projects - Riverbed Topographic Data	25,000	0	0	District Revenues
P&E	Lower Carmel River Restoration Project (San Carlos)	50,000	0	0	District Revenues
P&E	Water Allocation Process	0	900,000	400,000	District Revenues & Reserves
	SUBTOTAL	\$5,074,700	\$3,200,000	\$2,078,622	
Reimbursed from Grants or Reimbursements					
WRD	Water Project 2 (Phase 2 Aquifer Storage & Recovery)	77,100	0	0	CAW
WRD	Sleepy Hollow Facility Raw Water Intake Retrofit	275,000	750,000	300,000	SCC Grant
	SUBTOTAL	\$352,100	\$750,000	\$300,000	
No Identified Source of Funds					
WRD	Los Padres Reservoir Cooling Tower	0	250,000	0	Unknown
WRD	Lower Carmel Valley Well Pump - CR Lagoon	0	150,000	0	Unknown
P&E	Unspecified Bank Restoration Project	0	50,000	50,000	Unknown
	SUBTOTAL	0	450,000	50,000	
	TOTAL CIP	5,426,800	4,400,000	2,428,622	

**Monterey Peninsula Water Management District
Capital Asset Purchases
Fiscal Year 2016-2017 Budget**

	<u>Division</u>	<u>Cost</u>	<u>Account Number</u>
<u>Capital Assets</u>			
Replacement Laptops Staff Use (Surface)	ASD	3,800	99-02-916000
Server Refresh	ASD	13,800	99-02-916000
Workstation Refresh	ASD	2,500	99-02-916000
GIS Workstation	ASD	1,900	99-02-916001
Microtek Flatbed Scanner - Replacement	ASD	2,600	99-02-916001
Server Room Air Conditioner	ASD	10,000	99-02-918000
POE Switches	ASD	2,500	99-02-916000
AV Room Upgrade	ASD	5,100	99-02-916000
 Tablet	 WDD	 1,800	 99-05-916000
Stand-up Desks	WDD	1,500	99-05-912000
New Vehicle	WDD	35,000	99-05-914000
Unit 12 (Taurus) Replacement	WDD	35,000	99-05-914000
 Total Capital Assets		\$115,500	

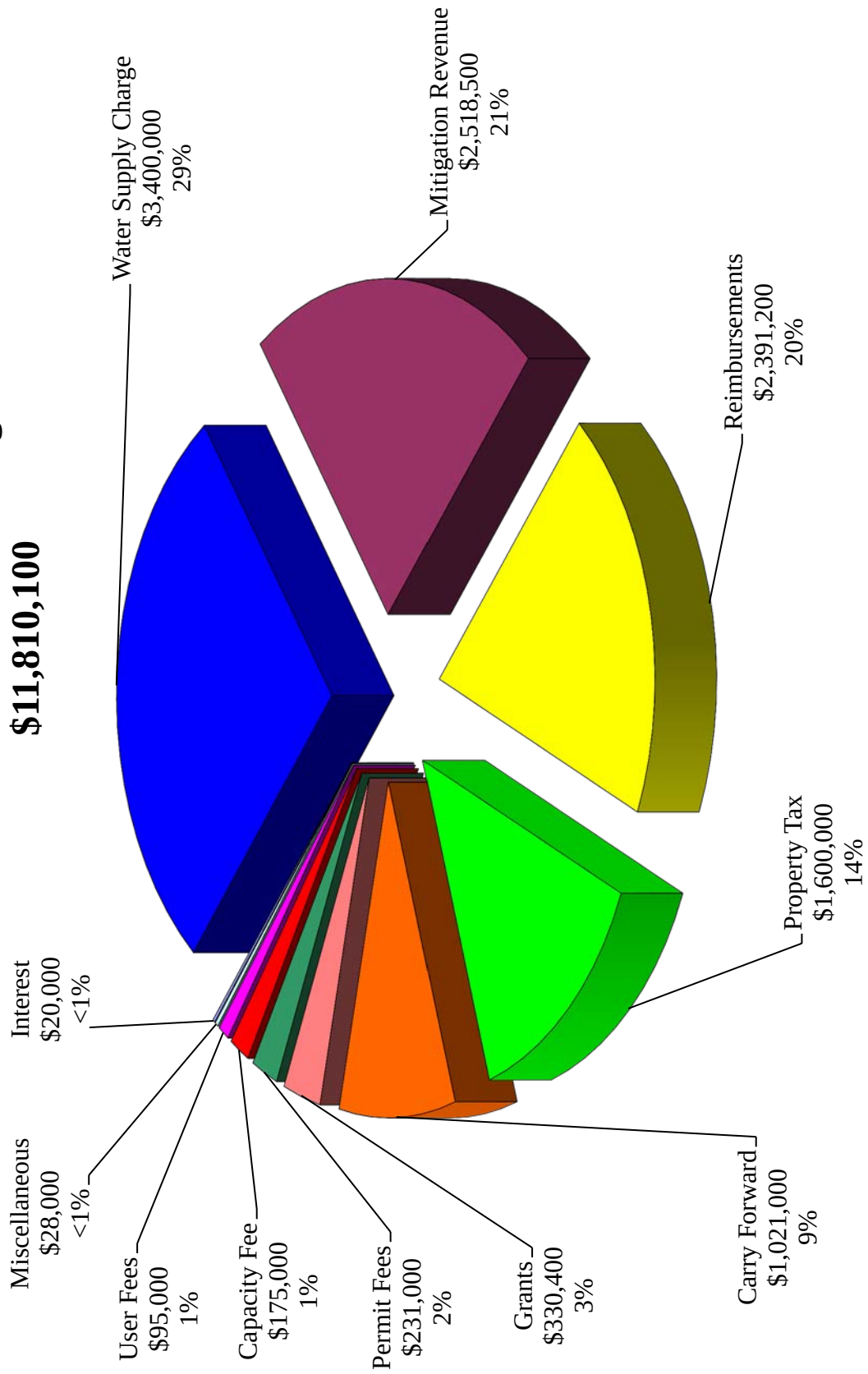
**MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
CAPITAL ASSET REPLACEMENT/REPAIR SCHEDULE
FISCAL YEAR 2016-2017 BUDGET**

<u>Item</u>	<u>Unit Cost</u>	<u>Qty.</u>	<u>Total Cost</u>	<u>Purchase In Fiscal Year</u>	<u>Years to Purchase</u>	<u>Prior Years Accrual</u>	<u>Balance Left to Accrue</u>	<u>Accrual This Fiscal Year</u>	<u>Remarks</u>
Server Room Air Conditioner	\$10,900	1	\$10,900	2016-17	0	\$0	\$10,900	\$0	Air Conditioner
Ford Taurus	\$25,000	1	\$35,000	2016-17	0	\$0	\$35,000	\$0	Unit 12, '04 Ford Taurus
1/2 Ton Pickup	\$36,600	1	\$36,600	2017-18	1	\$36,600	\$0	\$0	Additional Vehicle
Telephone System	\$51,000	1	\$51,000	2017-18	1	\$51,000	\$0	\$0	Nortel IS 3-00
Board Room A/V Equipment	\$50,000	1	\$50,000	2017-18	1	\$0	\$50,000	\$0	A/V Equipment
Orthoimagery	\$66,000	1	\$66,000	2017-18	1	\$33,000	\$33,000	\$0	Updated 10/08
Information System	\$120,000	1	\$120,000	2017-18	1	\$40,700	\$79,300	\$0	In Service 06/08
1 Ton Pickup	\$50,000	1	\$50,000	2017-18	1	\$12,500	\$37,500	\$0	Unit 3, '97 3500 D 4x4
Harris Court A/C Unit #2	\$20,000	1	\$20,000	2017-18	1	\$0	\$20,000	\$0	Air Conditioner
1/2 Ton Pickup	\$30,000	1	\$30,000	2017-18	1	\$0	\$30,000	\$0	Unit 1, '03 Ram 1500
Ford Explorer	\$25,000	1	\$25,000	2017-18	1	\$0	\$25,000	\$0	Unit 2, '95 Explorer
3/4 Ton Pickup	\$35,000	1	\$35,000	2017-18	1	\$0	\$35,000	\$0	Unit 9, '03 Ram 2500
Harris Court A/C Unit #3	\$20,000	1	\$20,000	2017-18	1	\$0	\$20,000	\$0	Air Conditioner
3/4 Ton Pickup	\$40,000	1	\$40,000	2018-19	2	\$0	\$40,000	\$0	Unit 8, '05 F250 D
1/2 Ton Pickup	\$30,000	1	\$30,000	2018-19	2	\$0	\$30,000	\$0	Unit 10, '95 F150
1 Ton Pickup	\$50,000	1	\$50,000	2018-19	2	\$0	\$50,000	\$0	Unit 11, '03 Ram D 3500
Harris Court A/C Unit #4	\$20,000	1	\$20,000	2018-19	2	\$0	\$20,000	\$0	Air Conditioner
Multifunction Plotter/Scanner	\$25,000	1	\$25,000	2019-20	3	\$3,100	\$21,900	\$0	Replace 2 separate units
Ford Escape	\$25,000	1	\$25,000	2019-20	3	\$0	\$25,000	\$0	Unit 14, '09 Ford Escape
Harris Court A/C Unit #5	\$20,000	1	\$20,000	2019-20	3	\$0	\$20,000	\$0	Air Conditioner
Chipper	\$25,000	1	\$25,000	2019-20	3	\$0	\$25,000	\$0	Chipper (P&E Dept)
1/2 Ton Pickup	\$30,000	1	\$30,000	2020-21	4	\$8,000	\$22,000	\$0	Unit 7, '14 F150 4x4
Honda Insight	\$25,000	1	\$25,000	2020-21	4	\$0	\$25,000	\$0	Unit 5, '10 Honda Insight H
1/2 Ton Pickup	\$34,500	1	\$34,500	2020-21	4	\$0	\$34,500	\$0	Unit 4, '99 F150 4x4
Harris Court A/C Unit #1	\$12,000	1	\$12,000	2021-22	5	\$0	\$12,000	\$0	Air Conditioner
1 Ton Pickup	\$50,000	1	\$50,000	2021-22	5	\$50,000	\$0	\$0	Unit 6, '96 F350 D 4x4
Totals	\$926,000		\$936,000			\$234,900	\$701,100	\$0	

REVENUE SUMMARY

Fiscal Year 2016-2017 Budget

\$11,810,100



**Monterey Peninsula Water Management District
Revenues Comparison by Year
Fiscal Year 2016-2017 Budget**

	FY 2014-2015 <u>Revised</u>	FY 2015-2016 <u>Revised</u>	FY 2016-2017 <u>Proposed</u>	Change From <u>Previous Year</u>	Percentage <u>Change</u>
Property Taxes	\$1,500,000	\$1,570,000	\$1,600,000	\$30,000	1.91%
Permit Fees - WDD	175,000	175,000	175,000	0	0.00%
Permit Fees - PED	56,000	56,000	56,000	0	0.00%
Capacity Fee	175,000	175,000	175,000	0	0.00%
User Fees	75,000	75,000	95,000	20,000	26.67%
Water Supply Charge	3,400,000	3,400,000	3,400,000	0	0.00%
Mitigation Revenue	2,127,000	2,412,000	2,518,500	106,500	4.42%
Recording Fees	8,000	8,000	8,000	0	0.00%
Interest	15,000	15,000	20,000	5,000	33.33%
Other	15,000	15,000	20,000	5,000	33.33%
Subtotal District Revenues	7,546,000	7,901,000	8,067,500	166,500	2.11%
Reimbursements - CAW	\$2,147,100	\$1,247,800	\$2,250,600	\$1,002,800	80.37%
Reimbursements - Watermaster	69,000	70,200	74,600	4,400	6.27%
Reimbursements - Reclamation	0	0	20,000	20,000	100.00%
Reimbursements - Other	43,250	56,000	36,000	-20,000	-35.71%
Reimbursements - Legal Fees	15,000	15,000	10,000	-5,000	-33.33%
Grants	460,800	275,000	330,400	55,400	20.15%
Subtotal Reimbursements	2,735,150	1,664,000	2,721,600	1,057,600	63.56%
Line of Credit Proceeds	\$0	\$0	\$0	\$0	0.00%
Rabobank Project Fund	0	0	0	0	0.00%
Carry Forward From Prior Year	0	1,220,000	1,021,000	-199,000	-16.31%
From Capital Equip. Reserve	87,900	89,700	0	-89,700	-100.00%
From Flood/Drought Reserve	115,000	0	0	0	0.00%
From Fund Balance	1,307,500	3,056,150	0	-3,056,150	-100.00%
Other Financing Sources:					
Transfers In	0	0	986,000	986,000	100.00%
Transfers Out	0	0	-986,000	-986,000	100.00%
Revenue Totals	\$11,791,550	\$13,930,850	\$11,810,100	-\$2,120,750	-15.22%

Monterey Peninsula Water Management District
Revenues by Operating Fund
Fiscal Year 2016-2017 Budget

	<u>Mitigation</u>	<u>Water Supply</u>	<u>Conservation</u>	<u>Total</u>
Property Taxes	\$0	\$1,600,000	\$0	\$1,600,000
Permit Fees - WDD	0	0	175,000	175,000
Permit Fees - PED	56,000	0	0	56,000
Capacity Fee	0	175,000	0	175,000
User Fees	87,500	0	7,500	95,000
Water Supply Charge	0	3,400,000	0	3,400,000
Mitigation Revenue	2,518,500	0	0	2,518,500
Recording Fees	0	0	8,000	8,000
Interest	2,500	14,000	3,500	20,000
Other	10,000	10,000	0	20,000
Subtotal District Revenues	2,674,500	5,199,000	194,000	8,067,500
Reimbursements - CAW	\$426,900	\$500,000	\$1,323,700	\$2,250,600
Reimbursements - Watermaster	0	74,600	0	74,600
Reimbursements - Reclamation	0	20,000	0	20,000
Reimbursements - Other	29,000	1,000	6,000	36,000
Reimbursements - Legal Fees	0	0	10,000	10,000
Grants	200,000	110,400	20,000	330,400
Subtotal Reimbursements	655,900	706,000	1,359,700	2,721,600
Line of Credit Proceeds	\$0	\$0	\$0	\$0
Rabobank Project Fund	0	0	0	0
Carry Forward From Prior Year	104,300	914,300	2,400	1,021,000
From Capital Equip. Reserve	0	0	0	0
From Flood/Drought Reserve	0	0	0	0
From Litigation Reserve	0	0	0	0
From Fund Balance	0	0	0	0
Other Financing Sources:				
Transfers In	0	0	986,000	986,000
Transfers Out	0	-986,000	0	-986,000
Revenue Totals	\$3,434,700	\$5,833,300	\$2,542,100	\$11,810,100

**Monterey Peninsula Water Management District
Reimbursable Amounts & Grants
Fiscal Year 2016-2017 Budget**

<u>Reimbursement Source</u>	<u>Amount</u>
CAW - ASR 1 Operation	182,400
CAW - ASR 2 Site Engineering	159,900
CAW - ASR 2 Operation	84,600
CAW - Los Padres Dam Long Term Plan	500,000
CAW - Conservation Activities	163,700
CAW - Conservation Rebates	1,020,000
CAW - Conservation Rep I (Salary & Benefits)	140,000
Seaside - Conservation Rebates	-
Watermaster (non labor \$39,600, plus \$35,000 in labor)	74,600
Reclamation Project (labor & legal)	20,000
Grants - Sleepy Hollow Intake Upgrade (Coastal Conservancy)	200,000
Grants - Drought Contingency Plan (Bureau Reclamation)	110,400
Grants - Monterey Bay Air Resources District	20,000
Direct Bill - Well Monitoring Conversions	2,000
Direct Bill - Deed Restriction	6,000
Direct Bill - WDS Permitting, Hydrogeologic Analysis, etc.	28,000
Direct Bill - Legal Reimbursement	10,000
Total Reimbursements	<u>\$2,721,600</u>

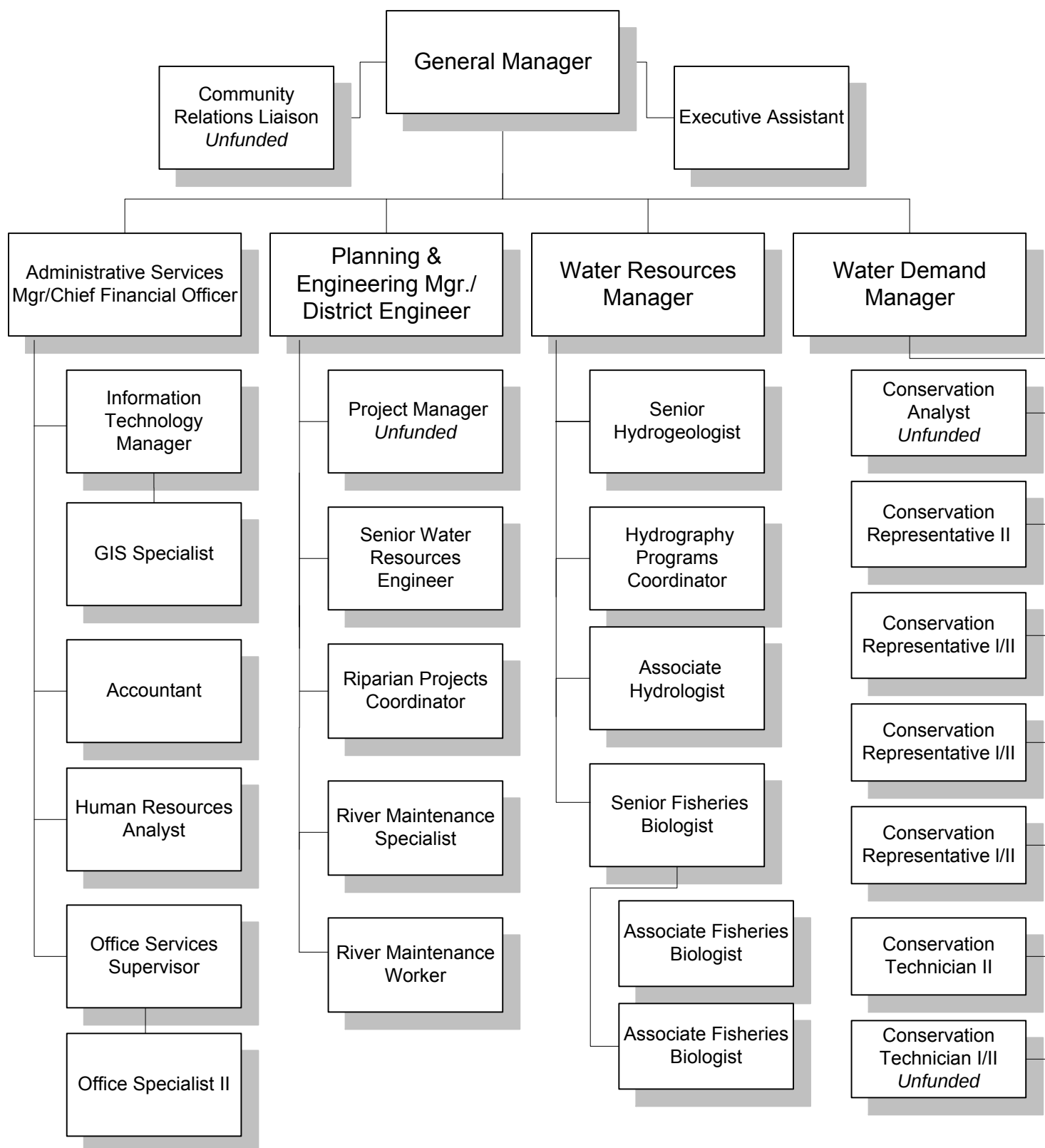
Monterey Peninsula Water Management District
Analysis of Reserves
Fiscal Year 2016-2017 Budget

<u>Estimated Reserves as of 07/01/2016</u>	<u>Mitigation Fund</u>	<u>Water Supply Fund</u>	<u>Conservation Fund</u>	<u>Totals</u>
Prepaid Expenses	\$0	\$0	\$0	\$0
Litigation/Insurance Reserve	66,740	171,354	11,906	250,000
Capital Equipment Reserve	94,901	2,866	44,533	142,300
Flood/Drought Reserve	254,891	0	0	254,891
Debt Reserve	0	219,136	0	219,136
General Operating Reserve	37,138	(500,591)	1,055,461	592,008
Totals	\$453,670	(\$107,235)	\$1,111,900	\$1,458,335
 <u>Litigation/Insurance Reserve Analysis</u>				
07/01/2016 Balance (above)	\$66,740	\$171,354	\$11,906	\$250,000
Fiscal Year 2016-2017 Budgeted	0	0	0	0
06/30/2017 Budgeted Balance	\$66,740	\$171,354	\$11,906	\$250,000
 <u>Capital Equipment Reserve Analysis</u>				
07/01/2016 Balance (above)	\$94,901	\$2,866	\$44,533	\$142,300
Fiscal Year 2016-2017 Budgeted	0	0	0	0
06/30/2017 Budgeted Balance	\$94,901	\$2,866	\$44,533	\$142,300
 <u>Flood/Drought Reserve Analysis</u>				
07/01/2016 Balance (above)	\$254,891	\$0	\$0	\$254,891
Fiscal Year 2016-2017 Budgeted	66,600	0	0	66,600
06/30/2017 Budgeted Balance	\$321,491	\$0	\$0	\$321,491
 <u>Debt Reserve Analysis</u>				
07/01/2016 Balance (above)	\$0	\$219,136	\$0	\$219,136
Fiscal Year 2016-2017 Budgeted	0	0	0	0
06/30/2017 Budgeted Balance	\$0	\$219,136	\$0	\$219,136
 <u>General Operating Reserve Analysis</u>				
07/01/2016 Balance (above)	\$37,138	(\$500,591)	\$1,055,461	\$592,008
Fiscal Year 2016-2017 Budgeted	795,650	(795,650)	0	0
06/30/2017 Budgeted Balance	\$832,788	(\$1,296,241)	\$1,055,461	\$592,008
 Budgeted Reserves as of 06/30/2017	 \$1,315,920	 (\$902,885)	 \$1,111,900	 \$1,524,935

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT

ORGANIZATION CHART

FY 2016-2017



Monterey Peninsula Water Management District
Divisions
Fiscal Year 2016-2017 Budget

General Manager's Office

The General Manager's Office activities include strategic planning, oversight of divisional activities and execution, public outreach, coordination and oversight of budget and financial activities, management of the District's legal strategies, support for the Board of Directors and Committees. Priorities for the past and next fiscal year include development of a secure and reliable revenue stream and implementation of permanent water supply resources.

The services provided include general management of District activities on a day-to-day basis, strategic planning, program and activity evaluation, staff meetings and evaluations, meeting with jurisdictions and interest groups, regular interaction and direction with financial personnel, regular interaction and review of performance of District legal team, coordination of Board schedule and activities, preparation of Board packages and minutes.

Classification	FY 2014-15 Revised	FY 2015-16 Revised	FY 2016-17 Proposed	FY 2016-17 Change
General Manager	1	1	1	0
Executive Assistant	1	1	1	0
Community Relations Liaison	0	0	0	0
TOTAL POSITIONS	2	2	2	0
TOTAL DISTRICT-WIDE POSITIONS	28	29	29	0

Monterey Peninsula Water Management District
Divisions
Fiscal Year 2016-2017 Budget

General Manager's Office

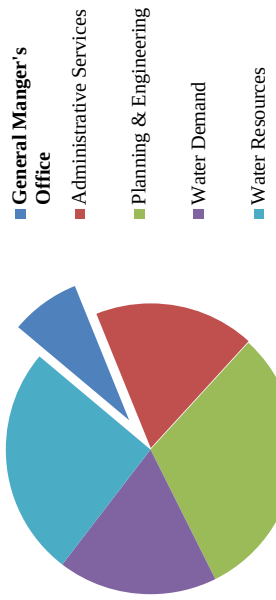
	FY 2014-15 Revised	FY 2015-16 Revised	FY 2016-17 Proposed	FY 2016-17 Change
<u>Personnel</u>				
Salaries	\$244,000	\$273,900	\$274,900	\$1,000
Retirement	42,600	40,500	50,800	10,300
Unemployment Compensation	0	0	0	-
Auto Allowance	4,800	6,000	6,000	-
Deferred Compensation	7,000	7,800	8,400	600
Temporary Personnel	0	0	0	-
Workers' Comp.	1,000	1,000	1,400	400
Employee Insurance	23,500	24,200	28,600	4,400
Medicare & FICA Taxes	2,600	3,900	4,100	200
Personnel Recruitment	0	0	0	-
Pre-Employment Physicals	0	0	0	-
Staff Development	6,000	4,000	4,000	-
Sub-total Personnel Costs	331,500	361,300	378,200	16,900

<u>Services & Supplies</u>				
Services & Supplies	136,100	137,300	145,400	8,100
Fixed Assets	-	-	-	-
Project Expenditures	295,000	315,000	392,900	77,900
Debt Service	-	-	-	-
Election Expense	-	-	-	-
Contingency	-	-	-	-
Sub-total	431,100	452,300	538,300	86,000

TOTAL EXPENDITURES	762,600	813,600	916,500	119,800
---------------------------	----------------	----------------	----------------	----------------



FY 2016-17 Budget



Monterey Peninsula Water Management District
Divisions
Fiscal Year 2016-2017 Budget

Administrative Services

The Administrative Services Department activities include revenue and debt management, procurement, payroll, safety, risk management, human resources, records management, rules and regulations updates and distribution, building services and repairs, administrative support for the Board of Directors, administrative work in support of District-wide program and activities, and information technology services.

The services provided include cash and investment management, day-to-day accounting operations for the District and Pebble Beach Reclamation Project, internal and external financial reporting, grant administration, debt administration, overseeing District's financial obligations, management of assets, payroll administration, acquisition and payment of all goods and services, financial aspect of risk management, administering safety training programs, accident investigation, recruitment, selection, development and maintenance of personnel policies and procedures, employee development/training, employee recognition, legal issues and labor relations activities, and fulfilling public records requests. Additional services provided are the administration of benefit programs, overseeing workers compensation and ensuring compliance with DMV requirements. This department also maintains the District wide records management program, the repair & maintenance and improvements of the District's information and communication technology systems.

Classification	FY 2014-15 Revised	FY 2015-16 Revised	FY 2016-17 Proposed	FY 2016-17 Change
Administrative Services Manager/CFO	1	1	1	0
Information Technology Manager	1	1	1	0
GIS Specialist	1	1	1	0
Accountant	1	1	1	0
Human Resources Analyst	1	1	1	0
Office Services Supervisor	1	1	1	0
TOTAL POSITIONS	7	7	7	0
TOTAL DISTRICT-WIDE POSITIONS	28	29	29	0

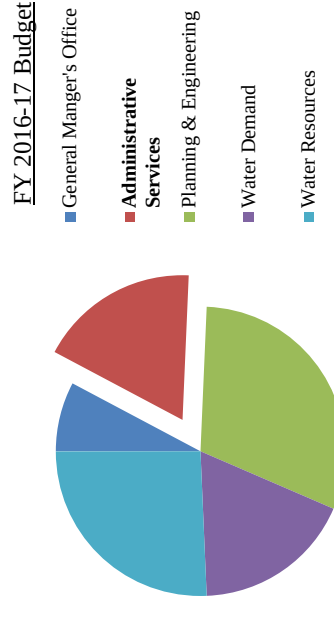
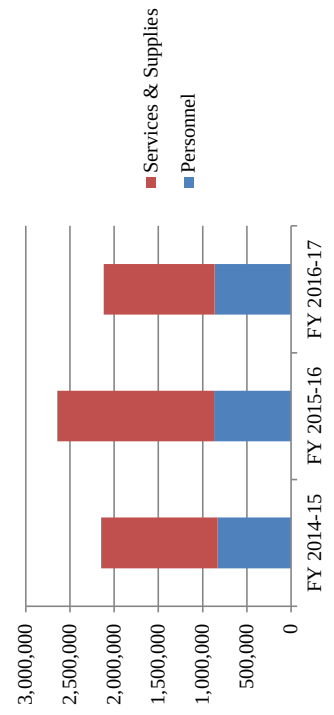
Monterey Peninsula Water Management District
Divisions
Fiscal Year 2016-2017 Budget

Administrative Services

	FY 2014-15 Revised	FY 2015-16 Revised	FY 2016-17 Proposed	FY 2016-17 Change
<u>Personnel</u>				
Salaries	\$565,400	\$583,000	\$581,700	(\$1,300)
Retirement	94,000	95,500	99,200	3,700
Unemployment Compensation	3,000	3,000	3,000	-
Auto Allowance	0	0	0	-
Deferred Compensation	0	0	0	-
Temporary Personnel	1,000	1,000	1,200	200
Workers' Comp.	2,300	2,200	2,300	100
Employee Insurance	135,800	148,900	151,100	2,200
Medicare & FICA Taxes	8,300	11,300	12,200	900
Personnel Recruitment	1,500	6,000	6,500	500
Pre-Employment Physicals	300	500	0	(500)
Staff Development	18,700	17,600	10,000	(7,600)
Sub-total Personnel Costs	830,300	869,000	867,200	(1,800)

<u>Services & Supplies</u>				
Services & Supplies	793,900	847,100	836,400	(10,700)
Fixed Assets	119,000	74,500	42,200	(32,300)
Project Expenditures	-	-	-	-
Debt Service	230,000	230,000	230,000	-
Election Expense	-	60,000	-	(60,000)
Reserves	98,550	488,150	66,600	(421,550)
Contingency	75,000	75,000	75,000	-
Sub-total	1,316,450	1,774,750	1,250,200	(524,550)

TOTAL EXPENDITURES	2,146,750	2,643,750	2,117,400	(528,150)
---------------------------	------------------	------------------	------------------	------------------



Planning & Engineering

The Planning and Engineering Division activities include review and investigation of proposed water supply projects, evaluation of proposed Carmel River water rights decisions, preservation of existing District water rights, coordination of Water Distribution System permits, implementation of portions of the Carmel River Mitigation Program, and coordination of water resource management throughout the District.

- Water Supply – Analysis of impacts and benefits of proposed water supply projects; review and completion of environmental compliance documents under the California Environmental Quality Act and National Environmental Policy Act; completion of Engineer's Reports;
- Water Rights – Coordinate District review of proposed Carmel River water rights issued by the State Water Resources Control Board; track and preserve existing District water rights; prepare applications for changes to District water rights;
- Water Distribution System (WDS) permits – Review and process applications for WDS permits; make determinations of level of review; coordinate staff, consultant, and District Counsel work on WDS permits; prepare findings; issue WDS permits;
- Carmel River Mitigation Program – Conduct Carmel River restoration projects, including problem assessment, design, bid preparation, permit acquisition, construction management, and project monitoring; install, operate, and maintain high-volume irrigation systems along 15 miles of the lower Carmel River; monitor and assess streamside conditions; provide technical assistance to river front property owners; determine erosion potential; enforce District rules for the Carmel River; assist the Water Resources Division with steelhead rescues and Sleepy Hollow Steelhead Rearing Facility operations; provide technical analysis and advice to agencies responsible for Carmel River lagoon management;
- Integrated Regional Water Management (IRWM) – facilitate the development and implementation of a comprehensive IRWM Plan for the Monterey Peninsula region, including projects involving Carmel River resources, groundwater, recycled water, desalination, stormwater, flood control, ecosystem restoration, water conservation, and public recreation; conduct stakeholder outreach; prepare grant applications for specific projects; administer grant funds on behalf of the District and local area project proponents.

Classification	Revised	Revised	Proposed	Change
Planning & Engineering Manager	1	1	1	0
Project Manager	1	1	0	1
Riparian Projects Coordinator	1	1	1	0
Senior Water Resources Engineer	0	0	1	-1
River Maintenance Specialist	1	1	1	0
River Maintenance Specialist	1	1	1	0
Field Biology Assistant (limited term)	0.5	0.5	0.5	0
TOTAL POSITIONS	5.5	5.5	5.5	0
TOTAL DISTRICT-WIDE POSITIONS	28	29	29	0

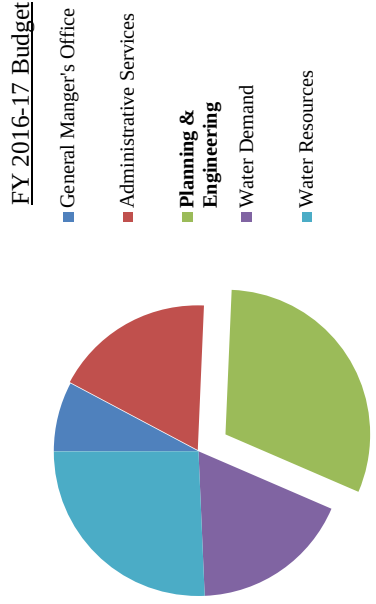
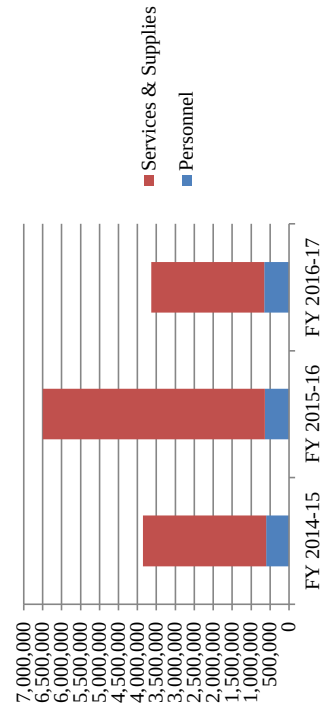
Monterey Peninsula Water Management District
Divisions
Fiscal Year 2016-2017 Budget

Planning & Engineering

	FY 2014-15 Revised	FY 2015-16 Revised	FY 2016-17 Proposed	FY 2016-17 Change
Personnel				
Salaries	\$446,800	\$465,900	\$479,400	\$13,500
Retirement	78,000	79,000	73,500	(5,500)
Unemployment Compensation	0	0	0	-
Auto Allowance	0	0	0	-
Deferred Compensation	0	0	0	-
Temporary Personnel	0	0	0	-
Workers' Comp.	9,100	15,600	18,200	2,600
Employee Insurance	66,400	68,350	69,300	950
Medicare & FICA Taxes	5,000	7,800	7,000	(800)
Personnel Recruitment	0	0	0	-
Pre-Employment Physicals	0	0	0	-
Staff Development	0	2,000	8,600	6,600
Sub-total Personnel Costs	605,300	638,650	656,000	17,350

Services & Supplies				
Services & Supplies	22,050	19,400	21,200	1,800
Fixed Assets	52,500	76,000	-	(76,000)
Project Expenditures	3,172,000	5,765,700	2,961,400	(2,804,300)
Debt Service	-	-	-	-
Election Expense	-	-	-	-
Contingency	-	-	-	-
Sub-total	3,246,550	5,861,100	2,982,600	(2,878,500)

TOTAL EXPENDITURES	3,851,850	6,499,750	3,638,600	(2,843,800)
---------------------------	------------------	------------------	------------------	--------------------



Monterey Peninsula Water Management District
Divisions
Fiscal Year 2016-2017 Budget

Water Demand

The Water Demand Division provides information and programs to achieve efficient water use and maximize available supplies. This is achieved through community education and outreach, development of incentives and training programs, and by implementing and enforcing permitting and conservation regulations, thereby reducing the community's need for potable water. The Water Demand Division strives to provide responsive and accurate customer service that exceeds the expectations of the people we serve.

Services include customer service related to permit review and processing, conservation program administration and reporting, site visits and inspections, water waste and rationing enforcement, rebate program administration, and data management and data systems design related to demand management. Other services include project and program coordination and training with eight local cities and county, local water purveyors, local and statewide agencies, builders, contractors, architects, Realtors and others. The Water Demand Division also reviews projects for environmental compliance related to water supply, collaborates with jurisdictions to develop and track efficiency standards and conditions for development projects, assists with ratemaking and proposes policies and programs to encourage and promote indoor and outdoor water efficiency, conservation, reuse, alternative water sources, and non-residential best management practices.

Classification	FY 2014-15 Revised	FY 2015-16 Revised	FY 2016-17 Proposed	FY 2016-17 Change
Water Demand Manager	1	1	1	0
Conservation Analyst (unfunded)	0	0	0	0
Conservation Representative II	1	2	2	0
Conservation Representative I	1	1	1	0
Conservation Representative I	1	1	1	0
Conservation Technician II	1	1	1	0
Data Entry (temporary)	1	1	1	0
Enforcement (temporary)	0	0	0	0
TOTAL POSITIONS	6	7	7	0
TOTAL DISTRICT-WIDE POSITIONS	28	29	29	0

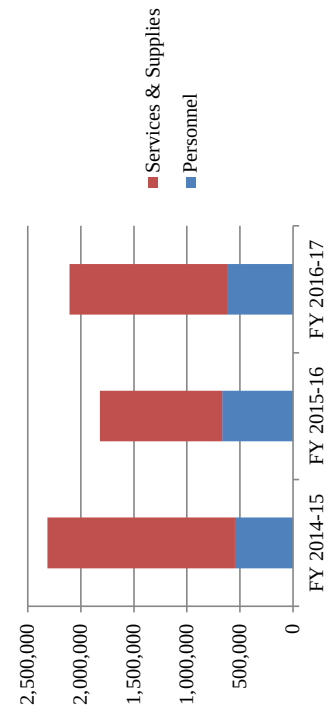
Monterey Peninsula Water Management District
Divisions
Fiscal Year 2016-2017 Budget

Water Demand

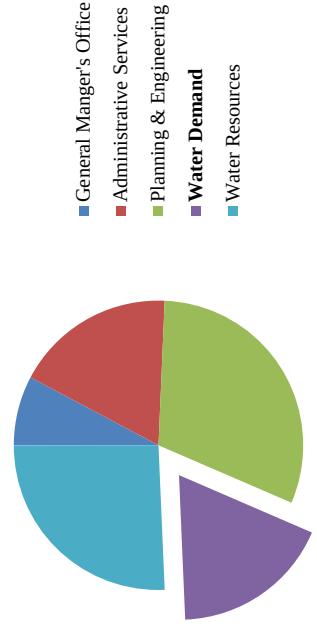
	FY 2014-15 Revised	FY 2015-16 Revised	FY 2016-17 Proposed	FY 2016-17 Change
Personnel				
Salaries	\$368,400	\$433,000	\$414,800	(\$18,200)
Retirement	62,500	73,500	62,900	(10,600)
Unemployment Compensation	0	0	0	-
Auto Allowance	0	0	0	-
Deferred Compensation	0	0	0	-
Temporary Personnel	39,800	70,000	40,000	(30,000)
Workers' Comp.	1,600	1,700	1,800	100
Employee Insurance	65,700	74,150	81,700	7,550
Medicare & FICA Taxes	5,200	5,600	6,100	500
Personnel Recruitment	0	0	0	-
Pre-Employment Physicals	0	0	0	-
Staff Development	5,000	10,500	7,500	(3,000)
Sub-total Personnel Costs	548,200	668,450	614,800	(53,650)

Services & Supplies				
Services & Supplies	38,900	40,300	42,400	2,100
Fixed Assets	2,500	0	73,300	73,300
Project Expenditures	1,723,500	1,111,000	1,374,200	263,200
Debt Service	0	0	0	-
Election Expense	0	0	0	-
Contingency	0	0	0	-
Sub-total	1,764,900	1,151,300	1,489,900	338,600

TOTAL EXPENDITURES	2,313,100	1,819,750	2,104,700	231,300
---------------------------	------------------	------------------	------------------	----------------



FY 2016-17 Budget



Monterey Peninsula Water Management District
Divisions
Fiscal Year 2016-2017 Budget

Water Resources

The Water Resources Division (WRD) is comprised of two staff functionary units, the Hydrologic unit and the Fisheries unit. Program responsibilities and services provided include surface and groundwater data collection and reporting programs, fishery protection activities in the Carmel River basin, quarterly water supply strategies and budgets for Cal-Am's main and satellite water distribution systems, and the annual Carmel River Memorandum of Agreement among Cal-Am, CDFG and the District that governs reservoir releases to the lower Carmel River during the low-flow season. WRD staff coordinates closely with the Planning & Engineering and Water Demand Divisions on certain activities to more efficiently share internal staff resources and expertise.

Water Supply – Develop and implement plans for water supply augmentation projects; design, permit, construct, operate Seaside Basin ASR projects; analyze water supply project alternatives; operate water resources simulation models.

Fisheries Resource Program - Rescue stranded steelhead from the Carmel River; rear rescued fish at the Sleepy Hollow Rearing Facility (SHSRF); rescue downstream migrant smolts in spring and transport them to a holding facility or the ocean; prevent stranding of early fall and winter migrant juvenile steelhead; rescue steelhead kelts and transport them to a holding facility or the ocean; support future interagency captive brood-stock program for landlocked steelhead during successive years of drought; prepare designs, retain contractors and manage construction contracts for SHSRF projects.

Hydrologic Monitoring Program - Conduct: (a) precipitation monitoring, (b) streamflow monitoring, (c) reservoir and groundwater storage monitoring, (d) surface water and groundwater production monitoring, (e) surface water and groundwater quality monitoring, and (f) Carmel River lagoon water level, quality, bathymetric and habitat

Water Resources Management – Prepare quarterly water supply strategy budgets; participate in annual Carmel River Low Flow Memorandum of Agreement process; conduct monitoring and management functions as part of Seaside Basin Watermaster Monitoring & Management Plan; provide technical assistance and expert testimony on Cal-Am rate cases before the CPUC; prepare annual Mitigation Program reports.

Water Use and Permitting – Collect, analyze and report data from approximately 1,000 wells and other sources for annual District-wide water production summary; coordinate with Planning & Engineering and Water Demand Divisions on Water Distribution System permitting.

Classification	Revised	Revised	Proposed	Change
Water Resources Manager	1	1	1	0
Senior Hydrogeologist	1	1	1	0
Hydrography Programs Coordinator	1	1	1	0
Associate Hydrogeologist	1	1	1	0
Senior Fisheries Biologist	1	1	1	0
Associate Fisheries Biologist	1	1	1	0
Associate Fisheries Biologist	1	1	1	0
Water Resources Assistant (limited term)	0.5	0.5	0.5	0
TOTAL POSITIONS	7.5	7.5	7.5	0
TOTAL DISTRICT-WIDE POSITIONS	28	29	29	0

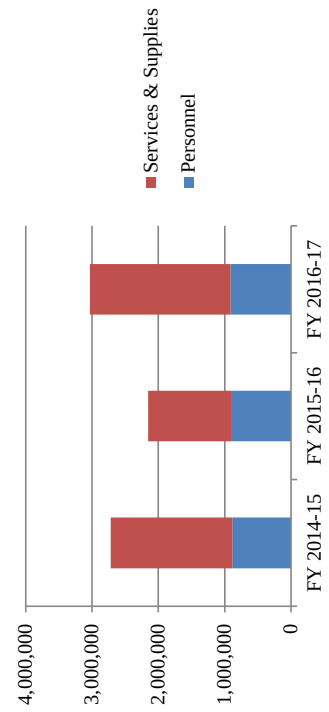
Monterey Peninsula Water Management District
Divisions
Fiscal Year 2016-2017 Budget

Water Resources

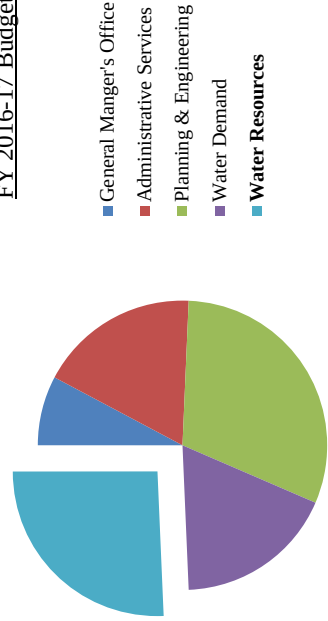
	FY 2014-15 Revised	FY 2015-16 Revised	FY 2016-17 Proposed	FY 2016-17 Change
<u>Personnel</u>				
Salaries	\$645,800	\$659,800	\$655,900	(\$3,900)
Retirement	112,900	112,500	121,200	8,700
Unemployment Compensation	0	0	0	-
Auto Allowance	0	0	0	-
Deferred Compensation	0	0	0	-
Temporary Personnel	0	0	0	-
Workers' Comp.	25,300	23,900	24,900	1,000
Employee Insurance	92,800	95,200	96,900	1,700
Medicare & FICA Taxes	6,500	11,100	12,100	1,000
Personnel Recruitment	0	0	0	-
Pre-Employment Physicals	0	0	0	-
Staff Development	4,000	4,400	4,600	200
Sub-total Personnel Costs	887,300	906,900	915,600	8,700

<u>Services & Supplies</u>				
Services & Supplies	27,450	30,000	33,200	3,200
Fixed Assets	25,000	23,700	0	(23,700)
Project Expenditures	1,777,500	1,193,400	2,084,100	890,700
Debt Service	0	0	0	-
Election Expense	0	0	0	-
Contingency	0	0	0	-
Sub-total	1,829,950	1,247,100	2,117,300	870,200

TOTAL EXPENDITURES	2,717,250	2,154,000	3,032,900	887,600
---------------------------	------------------	------------------	------------------	----------------



FY 2016-17 Budget





BUDGET PROCESS CALENDAR

FISCAL YEAR 2016-2017

<i>2015 Target Dates</i>	<i>Action</i>	<i>Responsibility</i>
April 15	Budget Memorandum and Forms Distributed	Administrative Services
April 22	Budget Request Forms Due to ASD	Division Managers
May 6	Draft Budget Distributed	Administrative Services
April 26	Budget Review Session	Team Management
May 10	Budget Review Session – Follow Up	Team Management
May 16	Proposed Budget Presented to Board	Board of Directors
June 20	Board Adopts Budget Board Sets Appropriation Limit	Board of Directors

Glossary

Article XIII (B):

Article XIII (B) is a section of the California State Constitution relating to the amount of a public entities tax revenues that may be expended in a given fiscal year. In the instance of the MPWMD, the article limits the amount of property tax revenue that may be spent in a fiscal year. It is calculated based upon the prior year's limit multiplied by a factor representing annual growth in population and consumer prices. The latter is furnished by the State Treasurer's Office. The calculation, required since the passage of Proposition 13 in 1978, is contained in each District budget and is identified as "Property Tax Appropriation."

Budget Assumptions:

The budget assumptions are generally accepted statements, which if untrue, would materially alter the financial planning and budget of the agency.

Capital Assets:

Capital assets are equipment and components that have a useful life greater than one year and with an initial, individual cost of more than \$1,000 for equipment and \$5,000 for facilities and improvements.

Contingency:

The contingency is a nominal amount budgeted for expenditure for unforeseen emergencies or special purposes requiring Board approval.

Designated Reserves:

Designated reserves are funds set aside by the Board for specific, restricted uses. Examples include capital equipment, litigation, flood/drought, and pre-paid expenses.

Expenditures:

Expenditures are associated with each operating fund, as well with each program category. Personnel costs, services and supplies, capital assets and project expenditures are the principal categories. A pie chart graphically shows percentages of expenditures by line item.

Fiscal Year:

The fiscal year is the twelve-month period beginning July 1 and ending June 30 of the following year. The District uses the fiscal year as the basis for reporting financial information a twelve-month accounting period.

General Operating Reserves:

General operating reserves are the balances in each operating fund of the District that remain after all budgeted expenses are paid. Normally, the general operating reserve balance is carried forward from one fiscal year to the next. The value is verified annually by the independent auditor and reported in the annual audit report.

Labor Allocation by Operating Funds:

The Labor Allocation by Operating Funds is a budget schedule that relates employee output to the three operating funds. It shows the output of each employee as a percentage of total time by

operating fund. This percentage is used throughout the budget as the basis of allocating general and administrative (overhead) costs to the operating funds.

Labor Allocation by Program Category:

The Labor Allocation by Program Category is a budget schedule that relates employee output to the budgeted program categories. It shows the output of each employee as a percentage of total time by program category. This percentage is used throughout the budget as the basis of allocating general and administrative (overhead) costs to the program categories.

Mitigation Revenue:

This is the revenue derived from the Agreement for Carmel River Mitigation Program between California American Water and Monterey Peninsula Water Management District.

Performance Measures:

Performance Measures have been developed for various program categories to evaluate the level of services provided within the categories.

Program Categories:

Program Categories are major service programs that have been identified. All expenditures, including labor costs, are allocated to each program category in order to identify what each program actually costs.

Project Expenditures:

The Summary of Project Expenditures is a listing of costs for the coming year that are projected as a result of specific projects and programs carried-out by the staff, consultants and contractors. Project expenditures do not include staff compensation for regular employees.

Reimbursement Revenues:

Reimbursement revenues are received from various sources and allocated to offset expenditures related to the revenue source. These reimbursements received by the District are for projects carried-out by the District. Some of these reimbursements include grants, Cal-Am Water Conservation & Rebate Program funds, ASR operations reimbursement, direct-billed reimbursements, etc. All of the reimbursement revenues collected within the fiscal year is related to the expenses in the same fiscal year.

Revenues:

Revenues are derived from various sources and allocated to each operating fund. Property taxes, permits fees, water connection charges, water supply charge, mitigation program revenue, user fees, interest on investments, reimbursements to the District for projects carried-out by the District and grants are the principal revenue sources. Revenues may include a portion of the prior-year fund balance used to offset expenditures. A pie chart graphically shows percentages of revenues according to source.

Water Supply Charge:

The Water Supply Charge is a rate or charge that funds costs related to the provision of water. This annual charge raised by the District, 100% of which will support District water supply activities, including capital acquisition and operational costs for Aquifer Storage and Recovery, Groundwater Replenishment, and related water supply purposes for the general benefit of the District as a whole.