

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



AGENDA  
**Regular Meeting**  
**Board of Directors**  
**Monterey Peninsula Water Management District**

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**Wednesday, January 24, 2018, 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, January 19, 2018

The 7:00 PM Meeting will be televised on Comcast Channels 25 & 28. Refer to broadcast schedule on page 2.

**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 December 11, 2017 Regular Board Meeting and October 16, 2017 Special Meeting
2. Ratify Board Committee Assignments for Calendar Year 2018

**Board of Directors**

Andrew Clarke, Chair – Division 2  
Ralph Rubio, Vice Chair - Mayoral Representative  
Brenda Lewis – Division 1  
Molly Evans – Division 3  
Jeanne Byrne – Division 4  
Robert S. Brower, Sr. – Division 5  
Mary Adams, 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 Friday, January 19, 2018. Staff reports regarding these agenda items will be available for public review on 1/19/2018, 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 [www.mpwmd.net/who-we-are/board-of-directors/bod-meeting-agendas-calendar/](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 February 22, 2018 at 7 pm.

3. Consider Authorizing Pueblo Water Resources to Provide Aquifer Storage and Recovery Operational Support
4. Consider Approval of Budget for Groundwater Models for Seaside Groundwater Basin
5. Consider Authorization of Repairs and Alterations to the DeDampierre Irrigation Well
6. Consider Authorization of Expenditure for Financial Consultant to Evaluate Expansion of Pure Water Monterey Project
7. Consider Converting the River Maintenance Worker Position to Environmental Programs Specialist
8. Consider Reclassification of the Associate Hydrologist Position
9. Consider Approval of Resolution 2018-01 in Support of an Application for Steelhead Monitoring to the California Department of Fish and Game Fisheries Restoration Grant Program
10. Consider Approval of Annual Update on Investment Policy
11. Receive Semi-Annual Financial Report on the CAWD/PBCSD Wastewater Reclamation Project
12. Consider Adoption of Treasurer's Report for October 2017
13. Consider Adoption of Treasurer's Report for November 2017

#### **PRESENTATION TO ROBERT S. BROWER SR, 2017 BOARD CHAIR**

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

14. Status Report on California American Water Compliance with State Water Resources Control Board Order 2016-0016 and Seaside Groundwater Basin Adjudication Decision
15. Update on Development of Water Supply Projects

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

16. 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.

**17. Consider Adoption of January through March 2018 Quarterly Water Supply Strategy and Budget (Notice of Exemption, CEQA, Article 19, Section 15301 (Class 1))**

*Action: The Board will consider approval of a proposed production strategy for the California American Water Distribution Systems for the three-month period of January through March 2018. The strategy sets monthly goals for surface and groundwater production from various sources within the California American Water systems.*

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

**18. Consider Funding Rebates in the California American Water System between January 1, 2018 and the Availability of Funding from the Cal-Am General Rate Case**

*Action: The Board will consider authorizing funding to continue the Rebate Program during the interim while Cal-Am awaits a decision on rebate funding in its General Rate Case. A decision is anticipated in the first half of 2018.*

**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. Quarterly Water Use Credit Transfer Status Report
24. Carmel River Fishery Report for December 2017
25. Monthly Water Supply and California American Water Production Report
26. Quarterly Carmel River Riparian Corridor Management Program Report

#### **ADJOURNMENT**

Board Meeting Broadcast Schedule – Comcast Channels 25 & 28	
View Live Webcast at <a href="http://Ampmedia.org">Ampmedia.org</a>	
Ch. 25, Mondays, 7 PM	Monterey, Del Rey Oaks, Pacific Grove, Sand City, Seaside
Ch. 25, Mondays, 7 PM	Carmel, Carmel Valley, Del Rey Oaks, Monterey, Pacific Grove, Pebble Beach, 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			
Thursday, Feb. 22, 2018	Regular Board Meeting	7:00 pm	District conference room
Monday, March 19, 2018	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 Friday, January 19, 2018. 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.

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**ITEM: CONSENT CALENDAR****1. CONSIDER ADOPTION OF MINUTES OF THE DECEMBER 11, 2017 REGULAR BOARD MEETING AND OCTOBER 16, 2017 SPECIAL MEETING****Meeting Date: January 24, 2018** **Budgeted: N/A****From: David J. Stoldt,  
General Manager** **Program/  
Line Item No.: N/A****Prepared By: Arlene Tavani** **Cost Estimate: N/A****General Counsel Review: N/A****Committee Recommendation: N/A****CEQA Compliance: This action does not constitute a project as defined by the California Environmental Quality Act Guidelines Section 15378.**

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**SUMMARY:** Attached as **Exhibits 1-A and 1-B** are draft minutes of the December 11, 2017 Regular meeting of the Board of Directors and the October 16, 2017 Special meeting of the Board.**RECOMMENDATION:** District staff recommends approval of the minutes with adoption of the Consent Calendar.**EXHIBIT****1-A** Draft Minutes of the December 11, 2017 Regular Meeting of the Board of Directors**1-B** Draft Minutes of the October 16, 2017 Special Joint Meeting of the MPWMD Board and the Monterey Peninsula Regional Water Authority Board of Directors





**EXHIBIT 1-A**  
**DRAFT MINUTES**  
**Regular Meeting**  
**Board of Directors**  
**Monterey Peninsula Water Management District**  
*December 11, 2017*

The meeting was called to order at 7:00 pm in the MPWMD conference room.

**CALL TO ORDER/ROLL CALL**

*Directors Present:*

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

Andrew Clarke – Vice Chair, Division 2

Brenda Lewis – Division 1

Molly Evans – Division 3

Jeanne Byrne – Division 4

Ralph Rubio – Mayoral Representative

*Directors Absent:* Mary Adams – Monterey County Board of Supervisors

*General Manager present:* David J. Stoldt

*District Counsel present:* David Laredo

The assembly recited the Pledge of Allegiance.

**PLEDGE OF ALLEGIANCE**

On a motion by Evans and second of Byrne, urgency item 25 - Consider Expenditure of Funds for Facilitator for Monterey Peninsula Water Supply Project Settlement Discussions, was added to the agenda on a vote of 6 – 0 by Evans, Byrne, Brower, Clarke, Lewis and Rubio. Director Adams was absent. According to the Board Meeting Rules, this item would be considered prior to Item 17, Election of Board Officers.

**ADDITIONS AND CORRECTIONS TO AGENDA**

The following comments were directed to the Board during Oral Communications. **(a) Tom Rowley**, Monterey Peninsula Taxpayers Association, stated that the projected costs for expansion of the Pure Water Monterey Project have been understated. He urged the Board to focus on development of a long-term, sustainable water supply project. **(b) Dan Turner**, resident of Monterey, suggested that each Director should request that the California Public Utilities Commission (CPUC) prevent development of the desalination plant proposed by California American Water (Cal-Am) due to the high cost of the project, as compared to expansion of the Pure Water Monterey Project. He noted that Cal-Am estimates the cost of the desalination project will be \$7,700 per acre-foot, but that the Marina Coast Water District estimates that the cost could be \$13,500 per acre-foot. **(c) George Riley** noted that issues related to the Cease and Desist Order and proposed

**ORAL COMMUNICATIONS**

water supply projects were both discussed at the October 16, 2017 joint meeting of the MPWMD Board of Directors and the Monterey Peninsula Regional Water Authority Board. **(d) Michael Baer**, resident of Monterey, urged the Board of Directors to authorize funding for a feasibility study on public ownership of the local Cal-Am water distribution system. He reasoned that results of a study would establish the facts prior to the vote on public ownership proposed by Public Water Now.

On a motion by Byrne and second of Lewis, the Consent Calendar was approved except for Item 4 that was pulled for separate consideration. The motion was approved on a vote of 6 – 0 by Byrne, Lewis, Brower, Clarke, Evans and Rubio. Director Adams was absent.

Adopted.

Adopted.

Ratified.

Byrne offered a motion that was seconded by Lewis to adopt revised language for Resolution No. 2017-16 as presented by staff at the meeting, and replace the words “December 11, 2017” with the words “June 30, 2018.” The motion was approved on a vote of 5 – 1 by Byrne, Lewis, Clarke, Evans and Rubio. Director Brower was opposed. Director Adams was absent. No public comments were directed to the Board on this item.

Adopted.

Approved expenditure of \$31,000.

Approved expenditure of \$75,000.

Received.

**CONSENT CALENDAR**

- 1. Consider Adoption of November 13, 2017 Regular Board Meeting Minutes**
- 2. Adopt Board Meeting Schedule for 2018**
- 3. Ratify Appointments to Ordinance No. 152 Oversight Panel**
- 4. Consider Adoption of Resolution 2017-16 - Amending Table 2: Non-Residential Water Use Factors**
- 5. Consider Adopting Revised MPWMD Board Expense Reimbursement Policy**
- 6. Consider Approval of Expenditure for Purchase of Ford F-150 4x4 Crew Cab Truck**
- 7. Consider Authorization to Renew Vehicle Maintenance Services Agreement with the City of Monterey for Five Years**
- 8. Receive Pension Reporting Standards Government Accounting Standards Board Statement No. 68 Accounting Valuation Report**



Received.

- 9. Receive Alternative Measurement Method Report for Determining Annual Costs for Post-Employment Medical Benefits**

Approved.

- 10. Consider Approval of First Quarter Fiscal Year 2017-2018 Investment Report**

Received.

- 11. Receive and File First Quarter Financial Activity Report for Fiscal Year 2017-2018**

Adopted.

- 12. Consider Adoption of Treasurer's Report for September 2017**

Jonathan Lear, Senior Hydrogeologist, reported that for the period of October 1, 2017 through November 30, 2017, water production in the Monterey Peninsula Water Resources System was 47 acre-feet above the target of 1,633 acre-feet. He noted that there was no production to report from the Aquifer Storage and Recovery Project (ASR) because river flow had not reached levels that would allow for diversions to ASR. Lear reported that during the reporting period one inch of rainfall was received, and streamflow was at 80 percent of normal.

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

- 13. Status Report on California American Water Compliance with State Water Resources Control Board Order 2009-0060 and Seaside Groundwater Basin Adjudication Decision**

No reports were presented.

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

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

On a motion by Byrne and second of Rubio, the report was received by a vote of 6 – 0 by Byrne, Rubio, Brower, Clarke, Evans and Lewis. Director Adams was absent.

#### **PUBLIC HEARINGS**

- 15. Receive Fiscal Year 2016-2017 Comprehensive Annual Financial Report**

Michael Baer addressed the Board during the public hearing on this item. He asked if the Pension and OPEB Liabilities cited in the presentation reflected the District's annual or total liability. Chief Financial Officer, Suresh Prasad, replied that the District's total liability was cited in the presentation.

#### **ACTION ITEMS**

- 16. Select Appointees to Ordinance No. 152 Oversight Panel**

On a motion by Byrne and second of Clarke, the Board selected Bill Bluhm from the Monterey County Association of Realtors, and Paul Bruno from the Monterey Peninsula Chamber of Commerce, to serve on the Ordinance No. 152 Oversight Panel. The motion was approved on a vote of 6 – 0 by Byrne, Clarke, Brower, Evans, Lewis and Rubio. Director Adams was absent. No comments were directed to the Board during the public comment period on this item.

On a motion by Byrne and second of Evans, the Board of Directors authorized a contract with The Center for Collaborative Policy for an amount not-to-exceed \$50,000. The cost would be shared with no fewer than five Parties, and the District's portion of cost would not exceed \$10,000. The motion was approved on a vote of 6 – 0 by Byrne, Evans, Brower, Clarke, Lewis and Rubio. Director Adams was absent.

The following comments were directed to the Board during the public comment period on this item. **(a) Michael Baer**, resident of Monterey, expressed support for the expenditure but only if Marina Coast Water District and the City of Marina participate in the facilitated discussions. **(b) George Riley**, representing Public Water Now, stated that the Cease and Desist Order, a new water supply, and timelines are all linked together.

On a motion by Byrne and second of Rubio, Board officers for 2018 were elected as follows: Andy Clarke – Chair; Ralph Rubio – Vice Chair; David Stoldt – Secretary; and Suresh Prasad – Treasurer. The motion was approved on a vote of 6 – 0 by Byrne, Rubio, Brower, Clarke, Evans and Lewis. Director Adams was absent.

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

The meeting was adjourned at 8:00 pm.

**25. Consider Expenditure of Funds for Facilitator for Monterey Peninsula Water Supply Project Settlement Discussions**

**17. Conduct Election of Board Officers for 2018**

**INFORMATIONAL ITEMS/STAFF REPORTS**

- 18. Receive Notice of Appointment to Carmel River Advisory Committee**
- 19. Letters Received**
- 20. Committee Report**
- 21. Monthly Allocation Report**
- 22. Water Conservation Program Report**
- 23. Carmel River Fishery Report**
- 24. Monthly Water Supply and California American Water Production Report**

**ADJOURNMENT**



### **EXHIBIT 1-B**

DRAFT MINUTES  
**Special Joint Meeting**  
**Board of Directors**  
**Monterey Peninsula Water Management District (MPWMD)**  
**and**  
**Monterey Peninsula Regional Water Authority (MPRWA)**  
**October 16, 2017**

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

The meeting was called to order at 5:30 pm in the MPWMD conference room.

#### **MPWMD Directors Present:**

Robert S. Brower, Sr. – Board Chair – Division 5  
 Andrew Clarke – Vice Chair – Division 2  
 Brenda Lewis – Division 1  
 Molly Evans – Division 3  
 Jeanne Byrne – Division 4  
 Ralph Rubio – Mayoral Representative  
 Mary Adams – Monterey County Board of Supervisors Representative

#### **MPRWA Directors Present:**

Bill Kamp – President – Mayor City of Pacific Grove  
 Ralph Rubio – Vice President – Mayor City of Seaside  
 Mary Ann Carbone – Mayor City of Sand City (arrived at 5:35 pm)  
 Steve Dallas – Mayor City of Carmel-by-the-Sea  
 Jerry Edelen – Treasurer – Mayor City of Del Rey Oaks  
 Clyde Roberson – Mayor City of Monterey

#### **PLEDGE OF ALLEGIANCE**

Mayor Kamp led the assembly in recitation of the Pledge of Allegiance.

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

No action taken.

#### **ORAL COMMUNICATIONS**

Tom Rowley, Monterey Peninsula Taxpayers Association, recommended that the number of voting members on the MPWMD Board of Directors be increased to include representation from each jurisdiction within the District. He suggested that, if representation on the MPWMD was expanded the MPRWA could be disbanded.

#### **INFORMATION ITEM**

1. Water Use by Jurisdiction – Last 10 Years  
 David Stoldt, MPWMD General Manager, reviewed information provided in the staff note on this item that included data through 2016. Stoldt noted that a preliminary estimate of water

consumption in 2017 had been developed which indicated a decline as compared to 2016. When the information is finalized, it would be distributed to the jurisdictions.

Stoldt responded to questions from the directors and stated the following. (a) The decline in water consumption in unincorporated Monterey County was greater than in other jurisdictions. That may be attributable to the tiered rate structure that caused a reduction in outdoor watering and installation of water efficient landscaping. No comments were directed to the Boards of Directors during the public comment period on this item.

## DISCUSSION ITEM

### 2. Long-Term Water Supply for the Peninsula – Where do we stand and where are we going?

- **Summary of recent Monterey Peninsula Water Supply Project testimony. (Demands, supply need and interim supplies. Where do future general plan needs come in?)**

Stoldt stated the following in response to questions from the directors. (a) Regarding page 8 of the packet, Summary of PWM Project Expansion Scenarios, costs were developed by Kennedy Jenks Engineers. Costs for the 10 mgd plant reflect operation in the winter months and construction of additional wells and infrastructure. (b) Regarding page 6, assumed production from ASR of 1,300 acre-feet – this production is not drought proof. If conditions are optimal, ASR could produce 1,600 acre-feet of water when a new pipeline is completed. That water could accumulate and be used as a drought reserve, but when depleted that resource would not be available. The District supports a 6.5 mgd desalination plant because a reliable, drought proof source of water is needed to meet the health and safety needs of the community.

Comments from Directors: (a) Regarding Exhibit 2-A, Summary of September 2017 CPUC Testimony, Demand Issues - the project should not be sized to meet the average of demand during drought years. That is an artificial level of demand which leaves the community in a state of water poverty. (b) In the next 50 years the population of California could increase to 68 million people, who all have a right to visit the coastal areas. As we move beyond the long-standing water poverty mentality, we should consider that there may be different needs for water in the future. (c) A minimum 20% contingency buffer is needed in order to meet health and safety concerns. (d) The water supply project must be sized to meet future needs – it can't be sized based on current needs. We should be planning for 20 to 50 years into the future. (e) A discussion on general plan buildout must begin as soon as possible. There is no plan to provide water to replace lost landscaping or build on vacant lots. The Pure Water Monterey (PWM) project is more expensive, but if additional wastewater can be purified and injected into the aquifer, the State Water Resources Control Board should allow that water for growth. The advantage is that, theoretically, by increasing the size of PWM, we could achieve zero discharge to the bay. (f) Agreements must be negotiated with agricultural interests, before a commitment is made on expansion of PWM. (g) The State Water Resources Control Board (SWRCB) required Cal-Am to study slant well intake, and to develop a project that would triple water rates. (h) Settlement agreements specify that the project is to address over pumping of the Carmel River, provide for bounce-back, and water for lots of record. Those agreements were reached in order to avoid lawsuits. It does not appear that we have been successful in avoiding lawsuits. If we look to planning for 50 years into the future, it would not be helpful to stop now. We do have a diversified portfolio. (i) We have made an effort to work with Marina Coast Water District. If the project is stalled, the price of water will only increase. (h) If the slant wells pump water that is 90 percent saline, and the remaining 10 percent was from Marina, possibly when the water is desalinated, 20 percent could be returned to the Marina area. It would take cooperation and communication, working together towards that goal.

Comments from the Public: **(a) Michael Baer** stated that contingency planning should begin for future water sources which could include expanded ASR from Salinas River water, and incentive programs for rainwater capture and greywater recycling. It is not necessary to size the project now to meet water needs for the next 50 years. There are other things that could happen in the next 50 years to expand our water supply. **(b) Tom Rowley** stated that the water poverty situation has caused a decline in the lifestyle of residents. He expressed support for a legislative effort that would expand the MPWMD Board of Directors to include a voting representative from each city. He asserted that the Peninsula needs a reasonable amount of water, and that the ocean could provide an inexhaustible supply of feed water for a desalination project. **(c) George Riley** expressed concern that the City of Marina was not represented at the joint meeting. He described Marina as the community most heavily impacted by the proposed desalination project. Mr. Riley stated that Cal-Am's desalination proposal is the most expensive water supply option, and that other less costly options could be pursued. He proposed that the most affordable options should be prioritized. **(d) Michael Warburton**, Public Trust Alliance, agreed with Mr. Riley that the City of Marina and the Marina Coast Water District are players in solving the urban water supply and demand in the Monterey County area. He stated that the entire capacity of the proposed desalination plant is one percent of the annual use on the Salinas River. He asserted that water belongs to the public, not to the farmers. He proposed that the legal environment for water supply in California has changed; there is now a human right to water and the Sustainable Groundwater Management Act. He stated that Monterey should take into consideration the new legal environment. **(d) John Narigi**, Coalition of Peninsula Businesses, noted that the organization submitted testimony expressing support for a 9.6 MGD desalination facility. He stated that the hospitality industry hopes to increase occupancy by 5 to 10 percent in ten years, and that the industry has implemented extensive water conservation measures. Narigi said that the Coalition supports PWM as a supplemental source of water, and that the true need is a plan for the future, not a source for replacement water. **(e) Cathy Biali**, Marina resident, stated that responsible public agencies plan for a water portfolio that is diversified with the least expensive sources making up the majority of the portfolio. Ms. Biali said that the slant well technology proposed for this project has not been proven successful. In addition, the Salinas Valley groundwater basin is critically overdrafted, and the proposed desalination project takes mostly groundwater from that basin without a water right. She urged the Directors to refrain from committing ratepayers to an unbalanced water portfolio, and that they assess the enormous cost of the lawsuits that would be brought against the project.

- **CPUC schedule and SWRCB milestones/penalties under the CDO. How will it really work?**

Stoldt referenced page 21 of the meeting packet – CPUC Schedule for Monterey Peninsula Water Supply Project, and page 22 – State Water Board CDO Milestones for MPWSP Progress. He responded to questions from the Directors. (a) If all sources of water: ASR, PWM, Sand City desal project, and legal production from the Carmel River, were totaled – it would exceed the effective diversion limit; however, the State Water Resources Control Board would not credit the ASR total because it will be considered an offset to production from the river. (b) Receipts from the premium penalties would be placed in a balancing account which would ultimately be returned to ratepayers as an adjustment to their water rates. (c) If the SWRCB did reduce the effective diversion limit from the Carmel River by 1,000 AF, the District could consider taking legal action in opposition to the reduction.

Comments from Directors. (a) Hypothetically, with 2,345 AF from ASR, 3,500 AF from PWM, 3,376 AF from the Carmel River and production from the Sand City desalination plant, community needs could be met under certain circumstances, but not in the long term. (b) Drinking hypothetical water still leaves a person thirsty. That scenario would be successful under good weather conditions, but conditions vary from year to year. We have pledged to support environmental values and I find it distressing that we have so much opposition to that. At some point when our own dysfunction comes back to effect the community, who will we blame? Likely Cal-Am, but it will be our fault. The SWRCB was determined to hold our feet to the fire in order to unite the community. However, the SWRCB has also empowered project opponents because every obstacle requires Cal-Am to redouble their efforts despite the cost to the community. The penalties due to the opposition and our inability to move ahead ultimately will rest on the community. The water poverty and economic consequences of failure to achieve any alternate water solution are a double penalty. Cal-Am has no other choice but to move ahead on the MPWSP, unless somebody can pull together a very clear, distinct alternate plan. The SWRCB has put us on an unalterable path. (c) It does not make sense to ration school teachers, gardeners, nurses and other ratepayers in order to accelerate approval of a project that is beyond the control of the ratepayer. (d) When a CEQA lawsuit is filed on the project, what is the contingency plan? That is what I would like to hear from this joint meeting of agencies. I hope that we can conduct a joint meeting again. Legal counsel should provide a determination on this question: if we reached the point at which the community would be penalized, could the mayors declare a state of emergency. *Response from Stoldt – we could request a waiver of penalty, explore declaration of a state of emergency, or request a contingent Certificate of Public Convenience and Necessity that says you have permission to build the project, but if you are mired in litigation then you can expand PWM – and then come back with an advice letter filing to build a desalination plant. This does not give you permission to build both projects, because there has been no environmental assessment of that option. You could get the water you need to relieve yourself of the CDO, but it would not be enough for the long-term planning horizon.*

Public Comment: (a) **George Riley** stated that Cal-Am could pursue the option of a desalination project at Moss Landing or another alternative. You should ask Cal-Am to study that option. The litigation risk would be avoided with the Moss Landing project option. You should ask Cal-Am what options they have to avoid litigation. (b) **Michael Baer** referenced page 2 of the meeting packet, chart titled Residential Vs. Non-Residential Consumption. He noted that 65.8 percent of water is residential use, yet residents do not have a seat at the table – they are not part of the decision making process. (c) **Michael Warburton**, Public Trust Alliance, noted that people are conserving water, and more water is available due to sustainability requirements in agriculture. People are and can develop better ways of sharing water. Warburton noted that the law allows for another settlement mechanism called the supplementary environmental project. He explained that when water projects intersect with environmental effects, administrative liability can be set aside for an environmental program. Incentives should be aligned towards settlement rather than litigation. (d) **Pat Venza**, resident of Monterey, urged everyone to pressure the State and let agencies know that it is not fair to the ratepayers of the Monterey Peninsula that they must pay for research and development costs of the slant wells proposed for the desalination project. (e) **Dan Turner**, resident of Monterey, stated that Cal-Am is only interested in increasing its profits and does that by spending as much money as possible. He described the SWRCB as a paper tiger, and said that it does not want to fine the ratepayers, and it will not cut-off our water. He proposed that we must get rid of Cal-Am, and that there will be no new water supply with Cal-Am. (f) **Ed Smith**, City Council of Monterey, urged the public to rally behind the MPRWA and

recognize the leadership role the mayors have taken. He stated that it is time to have a collective voice at the State level, to support the project that is at the head of the line, and to end the attack on Cal-Am.

- Water allocation process going forward – history, method, timing  
No discussion.
- How can our agencies best support each other in advancing our missions, and meeting the needs of our community? (Includes review of mission statements of each agency.)  
No discussion.

## **ADJOURNMENT**

The meeting was adjourned at 7:05 pm.

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**ITEM: CONSENT CALENDAR****2. RATIFY BOARD COMMITTEE ASSIGNMENTS FOR CALENDAR YEAR 2018****Meeting Date: January 24, 2018** **Budgeted: N/A****From: David J. Stoldt,  
General Manager** **Program/  
Line Item No.: N/A****Prepared By: Arlene Tavani** **Cost Estimate: N/A****General Counsel Review: N/A****Committee Recommendation: N/A****CEQA Compliance: This action does not constitute a project as defined by the California  
Environmental Quality Act Guidelines Section 15378.**

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**SUMMARY:** A list of committee assignments for calendar year 2018 is attached as **Exhibit 2-A**.

All committees are made up of less than a quorum of the Board. The Administrative Committee is the District's one standing committee. It generally meets one week prior to the Board meeting. The other committees do not meet regularly, but only as needed.

Note that the Rules and Regulations Review Committee has been removed from the list of active committees. The Board Chair and General Manager determined that the committee has not met since May 2015 and therefore should be cancelled as it serves no ongoing purpose. The committee charge will be removed from the MPWMD Meeting Rules.

**RECOMMENDATION:** Ratify appointments as presented or modify them by motion.**EXHIBIT****2-A** Proposed Committee Assignments for Calendar Year 2018





**EXHIBIT 2-A**

**PROPOSED BOARD COMMITTEE ASSIGNMENTS FOR 2018**

Submitted for Adoption on January 24, 2018

<b>BOARD COMMITTEES</b>	
Administrative Committee	Brenda Lewis – Chair Andrew Clarke Molly Evans <i>Ralph Rubio, Alternate</i>
Public Outreach/Communications	Jeanne Byrne – Chair Molly Evans Brenda Lewis <i>Bob Brower, Alternate</i>
Water Demand	Andrew Clarke – Chair Jeanne Byrne Molly Evans <i>Mary Adams, Alternate</i>
Legislative Advocacy	Molly Evans – Chair Bob Brower Mary Adams <i>Jeanne Byrne, Alternate</i>
Water Supply Planning	Bob Brower – Chair Jeanne Byrne Ralph Rubio <i>Andrew Clarke, Alternate</i>
<b>OUTSIDE AGENCIES/LIAISONS</b>	
Seaside Groundwater Basin Watermaster	Jeanne Byrne, Representative <i>Andrew Clarke, Alternate</i>
Monterey County Special Districts' Association	Brenda Lewis, Representative <i>Jeanne Byrne, Alternate</i>
Policy Advisory Committee	Andrew Clarke, Chair <i>Molly Evans, Alternate</i>
Monterey Peninsula Water Supply Project Governance Committee	Jeanne Byrne, Representative <i>Bob Brower, Alternate</i>
Association of California Water Agencies/Joint Powers Insurance Agency	Andrew Clarke, Representative

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**ITEM: CONSENT CALENDAR****3. CONSIDER AUTHORIZING PUEBLO WATER RESOURCES TO PROVIDE AQUIFER STORAGE AND RECOVERY OPERATIONAL SUPPORT**

<b>Meeting Date:</b>	<b>January 24, 2018</b>	<b>Budgeted:</b>	<b>Yes</b>
<b>From:</b>	<b>David J. Stoldt General Manager</b>	<b>Program/ Line Item No.:</b>	<b>Water Supply Projects 1-2-1</b>
<b>Prepared By:</b>	<b>Jonathan Lear</b>	<b>Cost Estimate:</b>	<b>\$70,000</b>

**General Counsel Review: N/A****Committee Recommendation: The Administrative Committee reviewed this item on January 17, 2018 and recommended approval.****CEQA Compliance: This action does not constitute a project as defined by the California Environmental Quality Act Guidelines section 15378.**

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**SUMMARY:** The District's Carmel River Aquifer Storage and Recovery (ASR) project is operated under a cooperative agreement between the District and California American Water (Cal-Am.) Under this agreement, the District operates the wells during the injection season and collects the data required to meet permit requirements for the State Water Resources Control Board (SWRCB) and the Regional Water Quality Control Board. The District also provides data to the Seaside Watermaster related to the Storage and Recovery agreement between Cal-Am and the Watermaster. Pueblo Water Resources (PWR) is used to support District Staff with the field work, data collection, and report preparation to operate the wells while injecting and comply with permit requirements.

**DISCUSSION:** Due to the seasonal nature of work associated with ASR operations, the District has opted to not hire full time operators, but to hire PWR as support staff on an as-needed basis. PWR will assist in field work, support data networks, and assist in the preparation of compliance reports. PWR has 15 years of experience in supporting this project and is familiar with the ASR procedures and regulations. Staff proposes to retain Pueblo Water Resources to support the District with operations on an as-needed basis for the WY 2018 ASR season.

**RECOMMENDATION:** Staff recommends the Board authorize the General Manager to enter into an agreement on an as-needed basis, not to exceed \$70,000 with PWR to support the District with WY 2018 ASR operations.

**BACKGROUND:** The District completes annual water quality monitoring at the ASR facilities as outlined in the ASR Sample and Analysis Plan, which is a requirement for project operations by the Regional Water Quality Control Board. The District also monitors and reports streamflow and diversion volumes to the SWRCB, NOAA fisheries, and State Department of Fish and Wildlife for permit compliance. In addition, the District reports volumes of water injected and recovered to the Seaside Watermaster as required by the Storage and Recovery agreement

between Cal-Am and the Watermaster. The District has used PWR for 15 years to support the development and operation of the Carmel River ASR project.

**IMPACT TO STAFF/RESOURCES:** Funds for this project are included in the FY 2017-18 budget under “Water Supply Projects,” line item 1-2-1. Funds expended to complete this work will be shared between the District and Cal-Am through the ASR Management and Operations agreement between the District and Cal-Am. Staff time will be utilized to aid consultant in sample collection.

### **EXHIBIT**

**3-A** Sample and Analysis Plan outlining annual ASR project monitoring as required by the Regional Water Quality Control Board



**MONTEREY PENINSULA  
AQUIFER STORAGE AND RECOVERY PROJECT  
SAMPLING AND ANALYSIS PLAN**

Prepared for:



December 2017

**MONTEREY PENINSULA  
AQUIFER STORAGE AND RECOVERY PROJECT  
GROUNDWATER SAMPLING AND ANALYSIS PLAN**

**INTRODUCTION**

This Groundwater Sampling and Analysis Plan (SAP) has been developed for the Monterey Peninsula Aquifer Storage and Recovery (ASR) Project. The project is cooperatively implemented by the Monterey Peninsula Water Management District (MPWMD or District) and California American Water (CAW), and generally involves the diversion of excess winter/spring flows from the Carmel River system for recharge, storage and subsequent recovery in the Seaside Groundwater Basin (SGB). Treated (potable) drinking water from the CAW distribution system is injected into the Santa Margarita Sandstone aquifer in the SGB via four existing ASR wells located at two ASR facilities in the SGB. The injected water is stored within the aquifer and subsequently recovered into the CAW distribution system during dry periods. The overall objective of the project is to facilitate the conjunctive use of water supplies in the Carmel River system and SGB that will benefit the resources of both systems.

ASR operations generally consist of three components or phases: (1) injection of drinking-quality water into the aquifer through the ASR wells; (2) storage of the injected water within the aquifer; and, (3) recovery of the stored water by pumping at one or more of the ASR wells. Periodic samples of the injected, stored, and recovered waters are to be collected from the ASR wells and associated monitoring wells and analyzed for a variety of water-quality constituents pursuant to requirements of the Central Coast Regional Water Quality Control Board (RWQCB) for the project.

The purpose of this SAP is to identify the locations, sample collection frequency, and parameters to be monitored as part of the project's ongoing water-quality data collection program. The project location and associated wells in the SGB are shown on **Figure 1**.

**GROUNDWATER MONITORING****Groundwater Monitoring Wells**

**ASR Project On-Site Wells.** There are two ASR facilities located in the SGB; the Santa Margarita and Seaside Middle School ASR Facilities. Groundwater monitoring wells for collection of on-site water-quality samples include four ASR wells and two associated monitoring wells that have been constructed at the two ASR facilities.

All four existing ASR wells are completed solely within the Santa Margarita Sandstone (Tsm) aquifer. Two of the ASR wells are located at the Santa Margarita (SM) ASR Facility and are designated as ASR-1 and ASR-2 and two are located at the Seaside Middle School (SMS) ASR Facility and are designated as ASR-3 and ASR-4.



In addition to four ASR wells, there are two on-site monitoring wells (one located at each ASR facility) that are also completed solely within the Tsm aquifer. SM MW-1 is located at the SM ASR Facility and SMS Deep MW is located at the SMS ASR Facility. An additional monitoring well is located at the SMS ASR Facility that is completed within the overlying Paso Robles aquifer, designated as SMS Shallow MW. This well is instrumented with a submersible water-level transducer/data logger unit to observe the water-level response of this aquifer to ASR operations (it is not designed or equipped for collection of water-quality samples).

The locations of the ASR wells and on-site monitoring wells are shown on **Figure 2**. A summary of the on-site wells is presented in **Table 1** below:

**Table 1. On-Site Wells Summary**

Well ID	Distance from ASR Well (feet)				Aquifer Completed
	ASR-1	ASR-2	ASR-3	ASR-4	
ASR-1	--	280	1,380	1,760	Tsm
ASR-2	280	--	1,235	1,600	Tsm
SM MW-1	90	190	1,325	1,700	Tsm
ASR-3	1,380	1,235	--	385	Tsm
ASR-4	1,760	1,600	385	--	Tsm
SMS Deep MW	1,380	1,240	20	385	Tsm
SMS Shallow MW	1,415	1,265	25	350	QTp

**Table 1 Notes:**

Tsm: Santa Margarita Sandstone aquifer

QTp: Paso Robles aquifer

**Off-Site SGB Wells.** In addition to the on-site wells at the two ASR facility sites, submersible water-level transducer/data logger units have been installed at seven off-site District monitoring well sites in the SGB to observe the water-level response of the aquifer system to ASR operations. The locations of the off-site monitoring wells are shown on **Figure 1**. The distances from each of the ASR facilities and aquifers monitored by the off-site wells are summarized in **Table 2** below:

**Table 2. Off-site Monitoring Wells Summary**

Well ID	Distance from ASR Facility (feet)		Aquifer Monitored
	SM	SMS	
Paralta Test	680	740	QTp & Tsm
Ord Grove Test	1,540	2,535	QTp & Tsm
Ord Terrace (Deep)	2,275	2,910	Tsm
FO-7 (Deep)	4,265	3,700	Tsm
FO-7 (Shallow)			QTp
PCA East (Deep)	6,390	6,200	Tsm
PCA East (Shallow)			QTp
FO-9 (Deep)	7,290	6,125	Tsm
FO-8 (Deep)	7,585	6,450	Tsm

**Table 2 Notes:**

Monitoring well distances are measured to centroid of each ASR site.

Tsm: Santa Margarita Sandstone aquifer

QTp: Paso Robles aquifer

In addition to water-level monitoring at the above off-site monitoring wells, CAW's Paralta municipal production well and PCA East Deep monitoring well have been designated as off-site monitoring wells for periodic water-quality sampling as part of this SAP (refer to **Table 4**).

### Groundwater Monitoring Equipment

The equipment required to perform the groundwater monitoring as prescribed in the SAP includes:

- Sampling Pumps
- Pressure Transducers/Data Loggers
- Electric Water Level Sounder
- Field Water Quality Monitoring Devices
- Flow-Thru Cell Device(s)
- Sample Containers
- Coolers and Ice

Each of the on-site wells is equipped with a dedicated pump. The ASR wells are equipped with water-lubricated, vertical line-shaft turbine pumps. SM MW-1, SMS Deep MW, and PCA East Deep are equipped with submersible sampling pumps. Paralta is equipped with a submersible production pump. The flow rates for each monitored wells are measured using

in-line totalizing flow meters. Sampling ports on the well-head piping at each well allow for the collection of grab samples during injection and pumping operations.

Field water-quality monitoring is to be performed using various instruments that allow for the field analysis of a variety of constituents, including but not limited to: chlorine residual, conductivity, dissolved oxygen, pH, temperature, redox/ORP, and Silt Density Index (SDI). The field water-quality monitoring devices are to be routinely calibrated as prescribed in the operating procedures manual for each device.

All of the ASR and monitoring wells are instrumented with dedicated pressure/level transducers and dataloggers. Reference-point elevations have been established by surveying on each of the monitored wells. Static water-levels in each of the wells are to be measured with an electric sounder on a quarterly basis (minimum) and the transducers calibrated accordingly. The transducers are to be programmed with the reference static water-level and the data-collection interval, which will measure and record the water level in each of the wells a minimum of four times per day.

### **Purging and Sampling**

During injection periods, samples of the injectate are to be collected directly at one of the ASR wellheads while active injection is occurring. During storage periods, each of the ASR wells that has been utilized for injection during the season will be periodically purged and sampled. During recovery periods, one or more of the ASR well pumps will be operating and purging is continuous and sustained. Groundwater samples are also to be collected routinely during all three ASR periods (i.e., injection, storage and recovery) from both the on-site monitoring wells (SM MW-1 and SMS Deep MW) and periodically from the far-field off-site monitoring wells (Paralta and PCA-E Deep).

The existing pumps will be used to purge a volume equivalent to a minimum of three (3) casing volumes from the well prior to sampling. Purge water from the ASR wells during backflushing and sampling is to be discharged to the backflush pit at the SM ASR Facility and percolated back into the SGB. Water produced by the ASR well(s) during recovery period operations is to be pumped into the CAW potable water supply system for distribution (in accordance with Department of Drinking Water approvals). Purge water from the monitoring wells will be directed to either the SM backflush pit or to the ground away from the wellheads and percolated back into the SGB.

During purging and prior to sampling, field water-quality parameters of temperature, pH and specific conductance are to be monitored. Stabilization of these water-quality parameters will indicate when collection of a representative sample is obtainable.

### **Chain-of-Custody, Sample Handling, and Transport**

All samples collected will be labeled in a clear and precise way for proper identification in the field and for tracking in the laboratory. All sample shipments for analyses will be accompanied by a chain-of-custody record. Forms will be completed and sent with the samples

for each shipment. The chain-of-custody form will identify the contents of each shipment and maintain the custodial integrity of the samples. Samples will be placed in a cooler for delivery to the laboratory.

### **Documentation Procedures**

Field data will be recorded by field personnel and routinely submitted to the Project Manager for review and QA/QC. Field data will include the completed field sampling-log form and chain-of-custody records. At a minimum, documentation of each monitoring and sampling event will include the following information:

- Sample location and description
- Sampler's name(s)
- Date and time of sample collection
- Type of sampling equipment used
- Field instrument calibration procedures and results
- Field instrument readings
- Field observations and details related to analysis or integrity of samples (e.g., weather conditions, noticeable odors, colors, etc.)
- Sample preservation
- Shipping arrangements
- Name(s) of recipient laboratory
- Any deviations from SAP procedures

Project information will be filed by Water Year. The project file will contain project field data, correspondence, survey reports, laboratory reports, charts, tables, permits, and other project-related information. This information will be utilized in the preparation of the annual Summary of Operations Reports for the project.

### **LABORATORY PROGRAM**

A complete list of constituents and constituent "groups" to be monitored as part of the ASR Project for injected, stored, and recovered waters is presented in **Table 3** below. **Table 4** summarizes the planned sample constituent group frequencies for each source for the injection, storage, and recovery periods.

Table 3. Analytic Testing Program Constituent Summary

Constituent	PQL	General Parameters	Disinfection Byproducts	Supplemental	Field <sup>1</sup>
Group ID		G-1	DBP	S-1	F-1
<b>Major Cations</b>					
Calcium (Ca)	1 mg/L	✓			
Magnesium (Mg)	1 mg/L	✓			
Sodium (Na)	1 mg/L	✓			
Potassium (K)	0.5 mg/L	✓			
<b>Major Anions</b>					
Total Alkalinity (as CaCO <sub>3</sub> )	10 mg/L	✓			
Sulfate (SO <sub>4</sub> )	1 mg/L	✓			
Chloride	1 mg/L	✓	✓		
Nitrate as (NO <sub>3</sub> )	1 mg/L	✓			
Nitrite as (Nitrogen)	0.1 mg/L	✓			
<b>General Physical</b>					
pH	0.1 units	✓			✓
Temperature	0.5 °C				✓
Specific Conductance (EC)	10 uS	✓			✓
ORP (redox potential / Eh) <sup>2</sup>	10 mV				✓
Total Dissolved Solids (TDS)	10 mg/L	✓			
<b>Metals</b>					
Aluminum (Al)	10 ug/L			✓	
Antimony (Sb)	1 ug/L			✓	
Arsenic (As)	1 ug/L			✓	
Barium (Ba)	0.5 mg/L			✓	
Beryllium (Be)	1 ug/L			✓	
Cadmium (Cd)	0.5 ug/L			✓	
Chromium (Cr) (Total)	2 ug/L			✓	
Fluoride (F)	0.1 mg/L			✓	
Iron (Fe) (Total and Dissolved)	50 ug/L	✓			
Lithium (Li)	5 ug/L			✓	
Manganese (Mn) (Total and Dissolved)	10 ug/L	✓			
Molybdenum (Mo)	5 ug/L			✓	
Mercury (Hg) (Total and Dissolved)	0.5 ug/L			✓	
Nickel (Ni)	10 ug/L			✓	
Selenium (Se)	5 ug/L			✓	
Strontium (Sr)	5 ug/L			✓	

Constituent	PQL	General Parameters	Disinfection Byproducts	Supplemental	Field <sup>1</sup>
Group ID		G-1	DBP	S-1	F-1
Thallium (Tl)	1 ug/L			✓	
Uranium (U)	1 pCi/L			✓	
Vanadium (V)	5 ug/L			✓	
Zinc (Zn)	0.5 ug/L			✓	
<b>Miscellaneous</b>					
Ammonia (as N)	0.05 mg/L	✓			
Boron (B)	0.05 mg/L	✓			
Chlorine residual (free)	0.1 mg/L				✓
Chloramines	50 ug/L		✓		
Cyanide	5 ug/L			✓	
Dissolved Methane	0.5 ug/L			✓	
Dissolved Oxygen (DO) <sup>2</sup>	0.025 mg/L				✓
Gross Alpha	1 pCi/L			✓	
Hydrogen Sulfide (H <sub>2</sub> S)	0.05 mg/L				✓
Total Nitrogen (N)	0.2 mg/L	✓			
Perchlorate	2 ug/L			✓	
Total Phosphorous	0.05 mg/L	✓			
Orthophosphate as P	0.05 mg/L	✓			
Radium 226	1 pCi/L			✓	
Silt Density Index (SDI)	0.1 units				✓
Total Kjeldahl N (TKN)	0.2 mg/L	✓			
<b>Organic Analyses</b>					
Total Trihalomethanes (TTHM)	1 ug/L		✓		
Bromodichloromethane	1 ug/L		✓		
Bromoform	1 ug/L		✓		
Chloroform	1 ug/L		✓		
Dibromochloromethane	1 ug/L		✓		
Haloacetic Acids (HAA)	1 ug/L		✓		
Monobromoacetic Acid	1 ug/L		✓		
Monochloroacetic Acid	1 ug/L		✓		
Dibromoacetic Acid	1 ug/L		✓		
Dichloroacetic Acid	1 ug/L		✓		
Trichloroacetic Acid	1 ug/L		✓		
Organic Carbon (Total and Dissolved)	0.1 mg/L	✓			

**Table 3 Notes:**

1 – Field Parameters (Group F-1) must be taken concurrently with collection of all laboratory samples.

2 – ORP and DO must be analyzed utilizing a flow-thru cell device.

**Table 4. Analytic Testing Program Schedule**

<b>INJECTION PERIOD (active injection)</b>			
<b>Analyte Group</b>	<b>Injectate</b>	<b>On-Site MWs</b>	<b>Off-Site MWs</b>
F-1	Bi-Weekly	Bi-Weekly	Semiannually
DBP	Monthly	Monthly	Semiannually
G-1	Quarterly	Quarterly	Semiannually
S-1	Quarterly	Quarterly	Semiannually
<b>STORAGE PERIOD</b>			
<b>Analyte Group</b>	<b>ASR Wells</b>	<b>On-Site MWs</b>	<b>Off-Site MWs</b>
F-1	Monthly	Monthly	Semiannually
DBP	Monthly	Monthly	Semiannually
G-1	Quarterly	Quarterly	Semiannually
S-1	Quarterly	Quarterly	Semiannually
<b>RECOVERY PERIODS</b>			
<b>Analyte Group</b>	<b>ASR Wells</b>	<b>On-Site MWs</b>	<b>Off-Site MWs</b>
F-1	Bi-Weekly <sup>1</sup>	Bi-Weekly	Semiannually <sup>2</sup>
DBP	Monthly	Monthly	Semiannually <sup>2</sup>
G-1	Quarterly	Quarterly	Semiannually <sup>2</sup>
S-1	Quarterly	Quarterly	Semiannually <sup>2</sup>

**Table 4 Notes:**

1 – During active recovery for any given ASR well.

2 – Near the beginning and end of the SGB production/recovery season (e.g., in June and November).



**FIGURE 1. PROJECT LOCATION MAP  
Monterey Peninsula ASR Project  
Sampling and Analysis Plan**





**FIGURE 2. SITE LOCATION MAP  
Monterey Peninsula ASR Project  
Sampling and Analysis Plan**



**ITEM: CONSENT CALENDAR****4. CONSIDER APPROVAL OF BUDGET FOR GROUNDWATER MODELS FOR SEASIDE GROUNDWATER BASIN**

<b>Meeting Date:</b>	<b>January 24, 2018</b>	<b>Budgeted:</b>	<b>Yes</b>
<b>From:</b>	<b>David J. Stoldt, General Manager</b>	<b>Program/ Line Item No.:</b>	<b>Water Supply Projects 1-2-1</b>
<b>Prepared By:</b>	<b>Suresh Prasad</b>	<b>Cost Estimate:</b>	<b>\$73,000</b>

**General Counsel Review: N/A****Committee Recommendation: The Administrative Committee reviewed this item on January 17, 2018 and recommended approval.****CEQA Compliance: This action does not constitute a project as defined by the California Environmental Quality Act Guidelines Section 15378.**

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**SUMMARY:** There are two pending efforts to model the Seaside Groundwater Basin for which District funding will be required: Geochemical Modeling and Recalibration and Updating of the Basin Model. Each is summarized below. On August 21, 2017, the MPWMD Board authorized for this work, however, the cost estimates are now higher than the previously authorized amount.

**Geochemical Modeling:** There are potential changes in groundwater quality as a result of the introduction of new sources of water to the Seaside Basin from the Monterey Peninsula Water Supply Project (MPWSP.) In its original form, wells from the Seaside Basin draw from “ancient” water that has resided for many years, as well as some natural replenishment from precipitation. Since 1998, Aquifer Storage and Recovery (ASR) has injected Carmel River water for later recovery. With the expected completion of the MPWSP in a few years, Pure Water Monterey water and desalinated water will be injected in the basin for later recovery. The potential interactions of these various sources of water needs to be investigated in order to ensure the long-term integrity of the basin. For example, a few years ago, arsenic concentrations in groundwater in Orange County spiked in a transient fashion later determined to be linked to injection of reverse osmosis water manufactured by the Orange County Water District Groundwater Replenishment Project. The geochemical model to be developed will examine the interactions of the different water types and the aquifer mineralogy. Such a modeling effort is expected to cost up to \$70,000 and should be cost-shared by the District, Monterey One Water, and California American Water Company. A cost-sharing arrangement will be determined to share the costs of this effort. If each party, was responsible for 1/3<sup>rd</sup> of the estimated cost, the District’s share would be \$23,333. The District will also be responsible for its portion of the Pure Water Monterey cost (75% of 33% of the cost), an additional \$17,500 would be required, for a total of \$40,833. Additional contingency of \$4,167 is also requested. Previous Board action authorized \$30,000 for this effort.

**Recalibration and Updating of the Basin Model:** The Seaside Basin Watermaster is considering recalibrating and updating its Seaside Groundwater Basin Model in 2018. The Model was developed for the Watermaster by its consultant, HydroMetrics WRI, and was provided to Pure

Water Monterey for use in performing modeling studies for the Pure Water Monterey groundwater replenishment project. The Watermaster has asked that the District and Monterey One Water participate in cost-sharing. Such a modeling effort is expected to cost \$54,370 and should be cost-shared by the District and Monterey One Water. The cost sharing proposed by the Watermaster would have the Watermaster pay 50% of the costs (\$27,185), the District cover 25% of the costs directly (\$13,593), as well as the District's portion of the Pure Water Monterey cost (75% of the other 25% of the cost \$10,195), for a total of \$23,788. Additional contingency of \$4,212 is also requested. Previously the Board action authorized \$18,170 for this effort.

Adequate funds for both studies have been identified in the adopted Fiscal Year 2017-18 budget.

**RECOMMENDATION:** Staff recommends that the Committee recommend Administrative Committee approval of a not-to-exceed amount of \$45,000 for the District's share of geochemical modeling in FY 2017-18 and an amount not-to-exceed \$28,000 for the District's share of recalibration and updating the basin model. On August 8, 2017, the Water Supply Planning Committee voted 3 – 0 to recommend approval. On August 21, 2017, the Board authorized for this work at no-to-exceed cost of \$50,000.

#### **EXHIBIT**

None

**ITEM: CONSENT CALENDAR****5. CONSIDER AUTHORIZATION OF REPAIRS AND ALTERATIONS TO THE DEDAMPIERRE IRRIGATION WELL**

<b>Meeting Date:</b>	<b>January 24, 2018</b>	<b>Budgeted:</b>	<b>Yes</b>
<b>From:</b>	<b>David J. Stoldt General Manager</b>	<b>Program/ Line Item No.:</b>	<b>Irrigation Program 2-1-1</b>
<b>Prepared By:</b>	<b>Thomas Christensen</b>	<b>Cost Estimate:</b>	<b>\$7,000</b>

**General Counsel Approval: N/A****Committee Recommendation: The Administrative Committee reviewed this item on January 17, 2018 and recommended approval.****CEQA Compliance: This action does not constitute a project as defined by the California Environmental Quality Act Guidelines section 15378.**

**SUMMARY:** The DeDampierre Well is owned and operated by the Monterey Peninsula Water Management District and is located on Monterey Peninsula Regional Park District property at the DeDampiere Ball Fields. When this well was first installed in 1988 to help with restoration work along the Carmel River it was placed in an underground vault. After 30 years this vault is now failing and the moisture in the underground environment has been creating problems with the electrical components of the well. District staff would like to raise the well above ground, fill the vault with soil, and put a removable cover over the well so that moisture and high flows do not impact the electric controllers of the well. **The estimated cost for the project is \$6,141.76.** I would also like to include an additional \$858.24 for contingency.

Carmel Valley Pump and Back Flow Cost ( <b>Exhibit 5-A</b> )	= \$1,341.76
David Casarez Excavating Cost ( <b>Exhibit 5-B</b> )	= \$4,800.00
<b>Total</b>	<b>= \$6,141.76</b>
Contingency	= \$858.24
<b>Total with Contingency</b>	<b>= \$7,000</b>

**RECOMMENDATION:** Authorize staff to contract with Carmel Valley Pump and Backflow Service to raise the casing and column of the well above ground and reconnect to control panels, as well as contract with David Casarez Excavating to fill the old pit with soil and to pour a concrete pad around the well.

**DISCUSSION:** In recent years, the District has been using the DeDampierre Irrigation Well to irrigate mitigation plantings that compensate for vegetation management activities in the Carmel River. New plantings are typically irrigated for up to five years before they are established enough

to endure the summer months. These plantings are monitored and are reported in Mitigation Reports to the regulatory agencies.

**IMPACT TO STAFF/RESOURCES:** Funds for this project are included in the FY 2017-18 budget under “Riparian Mitigations,” line item 2-1-1 Refurnish DeDampierre Well Vault, Account 24-03-785012.

**EXHIBIT**

**5-A** Proposal from Carmel Valley Pump and Backflow Service

**5-B** Proposal from David Casarez Excavating

**EXHIBIT 5-A**

<p><b>CARMEL VALLEY PUMP &amp; BACKFLOW SERVICE</b> 38510 Madrone Road Carmel Valley CA 93924-9339 <b>PHONE/FAX (831) 659-1627</b> <b>CA LIC 718517</b></p>	<h1 style="margin: 0;">PROPOSAL</h1> <p style="margin: 0;">Page No. 1 of Pages</p>						
<p>To: Monterey Peninsula Water Management</p> <p>PO Box 85 Monterey CA 93942</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Job Name/No.</td> </tr> <tr> <td colspan="2">Job Location Dampiere Well PO Box 85 Monterey CA 93942</td> </tr> <tr> <td>Phone 238-2547</td> <td>Date 1/5/2018</td> </tr> </table>	Job Name/No.		Job Location Dampiere Well PO Box 85 Monterey CA 93942		Phone 238-2547	Date 1/5/2018
Job Name/No.							
Job Location Dampiere Well PO Box 85 Monterey CA 93942							
Phone 238-2547	Date 1/5/2018						

We hereby submit specifications and estimates for:

1) Extend existing well casing from subteranean pit to 24" above grade, set a pressure treated backboard with a subpanel, PumpSaver and Motor control box. \$1,191.76

2) I recommend pulling the pump to determine where the current bottom is since the well is shallow and the pumping rate is moderate, it may have sanded in since the pump was set. This will allow enough space between the well bottom and the suction intake of the pump to prevent sand from being pulled into the pump. \$150.00

**WE PROPOSE** hereby to furnish material and labor — complete in accordance with these specifications, for the sum of: \_\_\_\_\_ dollars (\$ 1,341.76 )

Payable as follows:  
**Net 30 Days.**

Authorized  
Signature \_\_\_\_\_

Note: This proposal may be withdrawn by us if not accepted  
within **21** days.

Signature \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_





**EXHIBIT 5-B**

DAVID CASAREZ EXCAVATING, INC. GENERAL ENGINEERING CONTRACTOR  
LIC. 697323 316 MID-VALLEY CENTER CARMEL CA 93923 PH/FAX 831-625-3235

January 4, 2018

M.P.W.M.D.  
P.O. Box 85  
Monterey, CA 93942-0085

Attn: Thomas Christensen

PROPOSAL –

Job Description: Demo the existing wood top above the well and haul it to the Marina dump. Backfill hole at 18" lifts with compaction to finish grade. Build wood form for the 5ft x 5ft concrete slab @ 4" thick. Clean up job site upon completion.

Price includes:

Move-in & out small tractor  
Move-in & out water trailer to mix concrete  
Demo and off-haul wood top  
Dump truck and dirt 20 cubic yards  
Compaction equipment  
Wood for forming concrete pad  
Concrete and ½ rebar for 5ft x 5ft pad  
Job clean up upon completion

Bid \$4,800.00



**ITEM: CONSENT CALENDAR****6. CONSIDER AUTHORIZATION OF EXPENDITURE FOR FINANCIAL CONSULTANT TO EVALUATE EXPANSION OF PURE WATER MONTEREY PROJECT**

<b>Meeting Date:</b>	<b>January 24, 2018</b>	<b>Budgeted:</b>	<b>No</b>
<b>From:</b>	<b>David J. Stoldt General Manager</b>	<b>Program/ Line Item No.:</b>	<b>35-03-786010</b>
	<b>David J. Stoldt</b>	<b>Cost Estimate:</b>	<b>Not to exceed \$50,000</b>

**General Counsel Approval: N/A****Committee Recommendation: The Administrative Committee reviewed this item on January 17, 2018 and recommended approval.****CEQA Compliance: Action does not constitute a project as defined by the California Environmental Quality Act Guidelines section 15378.**

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**SUMMARY:** On November 13, 2017 Board approve the expenditure of up to \$360,000 in support of qualifying an expansion of Pure Water Monterey for approval by the CPUC on or about April 2018.

Recall that when the Pure Water Monterey project was first approved, it was required to meet 9 tests:

- (i) MRWPCA has approved the GWR Project pursuant to a certified Final EIR;
- (ii) The status of required permits is consistent with the published project schedule;
- (iii) There is sufficient legal certainty as to agreements or other determinations in place to secure delivery of source water(s)
- (iv) The weight of the evidence in the record does not show that the California Department of Health or the Regional Water Quality Control Board will decline to accept or approve the GWR extraction or GWR treatment and injection processes, respectively;
- (v) The GWR Project is on schedule, as verified by a report issued by an engineer licensed in California, to be operable;
- (vi) Preliminary design for the GWR Project is at least at the 10% level, represented by a basis of design report;
- (vii) A GWR Project funding plan is in place;
- (viii) California American Water, MPWMD, and MRWPCA have agreed on a WPA whose terms are just and reasonable; and

- (ix) The revenue requirement for the combination of the GWR Project and the desalination project is just and reasonable when compared to the revenue requirement for a larger desalination project alone.

In order to gain greater certainty and make representative strides toward each of the 9 criteria by an April hearing date, it was estimated that \$480,000 will need to be expended. Under Amendment 2 of the Cost Sharing Agreement the District would fund up to \$360,000 of such costs. The source of the funds will be reimbursements for the Phase 1 Pure Water Monterey pre-construction costs, which were outside the District's adopted FY 2017-18 budget.

This item will authorize work to be done in support of criteria (ix) and (vii), above.

It is possible that an expansion of Pure Water Monterey will be deemed unnecessary or infeasible and the costs will be stranded.

**RECOMMENDATION:** The General Manager recommends the Board approve the expenditure of up to \$50,000 for a financial consultant to evaluate expansion of the Pure Water Monterey project.

**EXHIBIT**

None

**ITEM: CONSENT CALENDAR****7. CONSIDER CONVERTING THE RIVER MAINTENANCE WORKER POSITION TO ENVIRONMENTAL PROGRAMS SPECIALST**

<b>Meeting Date:</b>	<b>January 24, 2018</b>	<b>Budgeted:</b>	<b>FY 2017-2018 Operating Budget</b>
<b>From:</b>	<b>David J. Stoldt, General Manager</b>	<b>Program/ Line Item No.:</b>	<b>Salary &amp; Benefits</b>
<b>Prepared By:</b>	<b>Thomas Christensen</b>	<b>Cost Estimate:</b>	<b>\$5,800 (for 6 months)</b>

**General Counsel Approval: N/A****Committee Recommendation: The Administrative Committee reviewed this item on January 17, 2018 and recommended approval.****CEQA Compliance: This action does not constitute a project as defined by the California Environmental Quality Act Guidelines section 15378.**

**SUMMARY:** The District's River Maintenance Worker, Matt Lyons, recently retired after 27 years of service. In addition to the basic field tasks assigned to this position, the Water Resources and Engineering department has determined that a position with additional skills in field data collection, environmental database management, and administrative support would better meet the needs of the District. Much of the impetus for change in this position is due to additional mitigation and monitoring requirements placed on permits issued to the District for various activities within the Carmel River streamside corridor.

Staff proposes to convert the River Maintenance Worker position to Environmental Programs Specialist. The Environmental Programs Specialist position is a journey level classification and will continue to report directly to the Riparian Projects Coordinator. This position will continue to provide field support to environmental management programs and activities, but also include technical support in field data collection, environmental database management, and administrative tasks. A job description for this converted position is attached as **Exhibit 7-A**.

The position would be placed at Range 22 on the District's current salary schedule. The salary range is consistent with comparable positions found at similar agencies in the area.

**RECOMMENDATION:** Authorize the conversion of the River Maintenance Worker position to Environmental Programs Specialist and associated salary range.

**IMPACTS TO STAFF/RESOURCES:** The cost differential between salary range 17 (River Maintenance Worker) and salary range 22 (Environmental Programs Specialist) will be \$8,100 in salary plus \$3,500 in benefits.

**EXHIBITS****7-A** Environmental Programs Specialist job description





## **EXHIBIT 7-A**

### **ENVIRONMENTAL PROGRAMS SPECIALIST**

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

#### **DEFINITION**

To provide field assistance to environmental management programs and activities; to maintain and enhance District projects along the Carmel River; assist with fisheries related projects; and to perform a variety of field data collection, environmental database management and administrative support of assigned area of responsibility.

#### **DISTINGUISHING CHARACTERISTICS**

This is a journey level class that performs field work, data collection, and data management, support for a variety of environmental management programs. Employees at this level are required to be fully trained in all procedures related to assigned area of responsibility. Successful performance of the work requires the ability to exercise sound independent judgment, coordinate several activities, gather and evaluate data. This position may work a non-standard week (i.e., weekend work may be part of a normal schedule).

#### **SUPERVISION RECEIVED AND EXERCISED**

Receives general direction from the Riparian Projects Coordinator. Also may receive direction from other District staff assigned as lead workers on specific tasks. May provide direction to contract, seasonal and volunteer staff.

#### **ESSENTIAL AND MARGINAL FUNCTION STATEMENTS**

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

##### **Essential Functions:**

1. Assist and perform field work for river maintenance including erosion protection and planting, irrigation management, and maintenance of new and existing riparian vegetation projects.
2. Clean river channel of vegetation, wood, plastics, metal, tires, furniture and other organics and refuse; identify constricted areas in the active channel; maintain access trails to irrigation and monitoring sites; cut new trails in and around poison oak as necessary.
3. Identify species listed as threatened under the Federal Endangered Species Act; take steps to avoid removal of these species or their habitats; identify and remove weedy and/or non-native vegetation from the riparian corridor; identify and transplant native riparian vegetation.

**MONTEREY PENINSULA WATER MANAGEMENT DISTRICT  
ENVIRONMENTAL PROGRAMS SPECIALIST (Continued)**

4. Assist fisheries personnel with fish rescue, holding, rearing, and population survey activities.
5. Assist and perform collection of environmental data for water quality, topographic surveys, vegetation surveys, moisture stress, plant growth, vegetation distribution, percent cover and other ecological parameters.
6. Enter and manage field data in computer databases and geographic information system; develop reports, maps, graphs, and tables. Collect and organize photo documentation of District projects.
7. Train assigned employees in their areas of work including irrigation and vegetation monitoring methods, procedures and techniques; verify the work for accuracy, proper work methods, techniques, and compliance with applicable standards and specifications.
8. Work with contractors in well maintenance, the planting of native riparian vegetation, and structural protection to control erosion of river banks.
9. Note and report ordinance violations.
10. Monitor District projects during storms.
11. Operate and maintain a variety of equipment including trucks and trailers, mini-loaders, chain saws, brush chippers, trenchers, winches and cranes, data collection equipment and sensors, and fisheries equipment.
12. Respond to public inquiries; provide information within the area of assignment; resolve complaints in an efficient and timely manner.
13. Estimate time, materials and equipment required for jobs assigned; requisition materials as required.
14. Perform related duties and responsibilities as required.

**QUALIFICATIONS**

**Knowledge of:**

Theory, operations, services and activities of riparian restoration and enhancement program.

Fish rescue and conservation methods, techniques, and procedures.

Riparian system ecology, hydrology, and soils, biological and earth sciences.

Knowledge of irrigation techniques and methods.

Scientific equipment and data collection techniques relating to water quality, soil, vegetation, climate and river processes.

Methods and techniques of field biologic, hydrologic climatologic data collection and database management.

Mathematics and statistics.

Geographical information systems mapping and database management software.

Scientific research principles and report writing techniques.

Operational characteristics of fisheries equipment and tools.

Vehicle operation and maintenance.

Safe and effective use of a variety of hand and power tools.

Modern office equipment including computers and copiers.

Occupational hazards and standard safety practices.



**MONTEREY PENINSULA WATER MANAGEMENT DISTRICT  
ENVIRONMENTAL PROGRAMS SPECIALIST (Continued)**

Principles of supervision and training  
Pertinent federal, state, and local laws, codes, and regulations.

**Ability to:**

Participate in the work of other District staff in the area of work assigned.  
Independently perform the most difficult riparian maintenance duties.  
Operate a variety of hand tools, fisheries equipment and power equipment in a safe and effective manner.  
Assist with a variety of riparian and stream bed restoration efforts.  
Monitor riparian vegetation for growth, stress and disease.  
Design and install a variety of irrigation systems.  
Perform heavy manual labor for extended periods of time.  
Safely operate a vehicle in off-road conditions.  
Identify weed species and native riparian vegetation.  
Identify federally threatened species.  
Operate basic computer applications (spreadsheets, word processing, email).  
Work independently in the absence of supervision.  
Understand and follow oral and written instructions.  
Communicate clearly and concisely, both orally and in writing.  
Establish and maintain effective working relationships with those contacted in the course of work.  
Maintain physical condition appropriate to the performance of assigned duties and responsibilities.  
Clearly communicate task objectives and demonstrate appropriate techniques to District staff, contractors, interns, and volunteers.

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

**Experience**

Two years of increasingly responsible environmental restoration, fisheries conservation (experience with species listed under the Endangered Species Act preferable), and irrigation maintenance experience including some administrative responsibility.

**Training**

Equivalent to a Bachelor's degree from an accredited college or university with major course work in environmental science, fisheries, biology, soil science, forestry, water resources management or a related field.

**License or Certificate:**

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

**WORKING CONDITIONS**

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

**Environmental Conditions:**

Office and field environment; work closely with others; exposure to computer screens, atmospheric conditions, radiant energy, poisonous animals and/or insects, poison oak, and slippery and uneven conditions; work in and around moving water for long periods of time.

**MONTEREY PENINSULA WATER MANAGEMENT DISTRICT  
ENVIRONMENTAL PROGRAMS SPECIALIST (Continued)**

**Physical Conditions:**

Essential and marginal functions may require maintaining physical condition necessary for walking standing and sitting for long periods of time in and around brush and river beds; moderately heavy lifting and carrying; use of both hands; repetitive motion; operating motorized vehicles; speaking and hearing to exchange information.

**Vision:**

See in the normal visual range with or without correction; specific vision abilities required by this job include close and distance vision, color perception and depth perception.

**Hearing:**

Hear in the normal audio range with or without correction.

**Department:** Water Resources and Engineering

**Exempt:** No

**Approved Date:**

**Revised Date:**

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**ITEM: CONSENT CALENDAR****8. CONSIDER APPROVAL OF RECLASSIFICATION OF THE ASSOCIATE HYDROLOGIST POSITION**

<b>Meeting Date:</b>	<b>January 24, 2018</b>	<b>Budgeted:</b>	<b>No</b>
<b>From:</b>	<b>David J. Stoldt, General Manager</b>	<b>Program/ Line Item No.:</b>	<b>Salaries &amp; Benefits N/A</b>
<b>Prepared By:</b>	<b>Suresh Prasad</b>	<b>Cost Estimate:</b>	<b>\$7,400 for 5 months</b>

**General Counsel Approval: N/A****Committee Recommendation: The Administrative Committee reviewed this item on January 17, 2018 and recommended approval.****CEQA Compliance: This action does not constitute a project as defined by the California Environmental Quality act Guidelines section 15378.**

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**SUMMARY:** On May 24, 2017, Tom Lindberg submitted, to the General Manager, a request that his position of Associate Hydrologist be reclassified due to a change in job demands and increase in responsibilities. The General Manager evaluated Mr. Lindberg's request. He determined that a reclassification job analysis was justified, and assigned the task to the Human Resources Consultant. The following is that analysis.

**DISCUSSION:** The Associate Hydrologist's responsibilities have changed over the past several years. The current job description is focused primarily on managing surface water resources, stream flow monitoring, and flow gauging station maintenance. A significant portion of duties now include the operation and monitoring of ASR wells, tracking of production wells for compliance, and groundwater monitoring.

The Associate Hydrologist spends approximately thirty percent of his time operating and maintaining the Aquifer, Storage and Recover (ASR) project facilities. This includes scheduling of backflush and water quality sampling based on sampling plan and regulatory mandates, determining appropriate injection rates, coordinating with outside agencies, troubleshooting operations issues, ensuring compliance with permit criteria, and assuming a lead role to the Water Resources Technician. These are relatively new duties not reflected in the current job descriptions. Scope and responsibilities related to the ASR project have developed over the years as the ASR project has expanded.

Additional thirty percent of his time is dedicated to overseeing and handling complex issues related to tracking, monitoring production wells for compliance and water production data. This includes enforcing complex regulations pertaining to well registration, metering, and permitting. Although this particular essential job duty is not new, it has developed in complexities over the years as new regulations have been implemented.

**DETERMINATION:** The current job description of the Associate Hydrologist no longer reflects the responsibilities and scope of work performed by the position. A salary survey of comparable

classifications was conducted utilizing the same agencies and methodology as the June 2016 Salary and Benefit. After adjusting for cost of labor and removing Alameda County Water District, the 95% of the median top monthly salary was calculated at \$8492.42. This would put the proposed salary at range 37 of the 2017/2018 MPWMD salary schedule.

**RECOMMENDATION:** Modify the job description to reflect current duties perform by the Associate Hydrologist. Move the Associate Hydrologist to Range 37, Step E on the District's salary schedule.

**IMPACTS TO STAFF RESOURCES:** Moving the Associate Hydrologist to Range 37, Step E, effective February 1, 2018, would cost approximately \$7,400 in salary & benefits. That would be equal to \$13,920 in salary plus \$3,700 in benefits over a 12 month period.

#### **EXHIBITS**

**8-A** Current Associate Hydrologist Job Description

**8-B** Proposed Associate Hydrologist Job Description

**MONTEREY PENINSULA WATER MANAGEMENT DISTRICT**

**ASSOCIATE HYDROLOGIST**

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

**DEFINITION**

To develop and maintain complex and difficult programs related to managing the District's surface water resources including the stream flow monitoring program; to design, install and maintain stream flow gauging stations; and to perform a variety of technical tasks relative to assigned areas of responsibility.

**DISTINGUISHING CHARACTERISTICS**

This is the advanced journey level class in the professional Hydrologist series. Positions at this level are distinguished from other classes within the series by the level of responsibility assumed and the complexity of duties assigned. Employees perform the most difficult and responsible types of duties assigned to classes within this series and function with minimal supervision and guidance. Employees at this level are required to be fully trained in all procedures related to assigned area of responsibility.

**SUPERVISION RECEIVED AND EXERCISED**

Receives direction from the Water Resources Manager.

May exercise functional and technical supervision over lower level staff.

**ESSENTIAL AND MARGINAL FUNCTION STATEMENTS**

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

**Essential Functions:**

1. Design and perform complex hydrologic related research studies; establish methodology and standards; perform data analyses and interpretation relating to surface water quality and quantity; guide technical field staff in data collection, analyses, storage, retrieval and reporting.
2. Provide technical support for long-term and interim water supply projects, water rights studies, river erosion and sedimentation processes, fisheries, riparian vegetation and surface water modeling projects.
3. Inspect river to identify erosion hazards; perform erosion control and revegetation project design and implementation, including surveying, drafting, and cost estimation; present projects to community groups and prepare permit applications.
4. Conduct hydrologic analyses of proposed water supply projects including effects on river channel geometry, flood elevations, riparian vegetation and sediment transport; assist in the preparation of off-site mitigation plans.
5. Design, install and maintain stream flow gauging stations; perform stream flow measuring and analysis; calibrate, troubleshoot and maintain ALERT stream flow monitoring base stations.
6. Operate, maintain and repair stream flow measuring equipment including survey equipment and stream flow measuring gear.
7. Manage computer database and filing system, compute stream flow records, tabulate rainfall records and prepare technical reports; produce computerized graphics of hydrologic data collected.
8. Administer contracts for construction projects and hydrologic studies and inspect work activities of contractors; prepare "as built" drawings.
9. Attend and participate in professional group meetings; stay abreast of new trends and innovations in the field of surface and ground water resource management and stream flow monitoring.
10. Hike into remote areas to make inspections, measurements and observations and to conduct studies.

11. Operate and maintain the fish counter logging system; assist with fish population surveys and fish rescues as necessary.
12. Ensure adherence to safe work practices and procedures.
13. Respond to public inquiries in a courteous manner; provide information within the area of assignment; resolve complaints in an efficient and timely manner.
14. Estimate time, materials and equipment required for jobs assigned; requisition materials as required.
15. Perform related duties and responsibilities as required.

## **QUALIFICATIONS**

### **Knowledge of:**

Operations, services and activities of a stream flow monitoring program.  
Advanced principles and practices of hydrologic, climatic and geologic science.  
Advanced field hydrologic, climatologic and biologic data collection techniques.  
Stream sedimentation and erosion processes.  
Methods and techniques of land surveying.  
Computer equipment and software including ALERT instrumentation, software and data collection platforms.  
Basic construction skills including carpentry and cement work.  
Intermediate mathematics and statistics.  
Basic electronics.  
Operational characteristics of power and hand tools.  
Water quality sampling protocols.  
Global positioning satellite systems for mapping.  
Chain of custody forms.  
Occupational hazards and standard safety practices.

### **Ability to:**

Perform professional-level hydrologic and environmental work studies.  
Accurately quantify surface water resources.  
Design, locate, install, operate and maintain stream flow gauging stations.  
Measure all ranges of stream flow and compute continuous stream flow records.  
Independently perform the most difficult stream flow calculations.  
Conduct meetings and serve as District representative.  
Compile and analyze difficult technical and statistical information and data.  
Utilize a computer terminal for data management, data processing and word processing.  
Interpret, explain and enforce department policies and procedures.  
Operate a vehicle and equipment in a safe and effective manner.  
Perform instrument calibration.  
Use proper techniques to acquire water quality samples.  
Complete chain of custody forms for water quality and biological samples.  
Operate GPS equipment to locate wells and other monitoring sites.  
Work independently in the absence of supervision.  
Understand and follow oral and written instructions.  
Communicate clearly and concisely, both orally and in writing.  
Establish and maintain effective working relationships with those contacted in the course of work.  
Maintain physical condition appropriate to the performance of assigned duties and responsibilities.

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

**Experience**

Five years of increasingly responsible surface water resource management experience.

**Training**

Equivalent to a Bachelor's degree from an accredited college or university with major course work in hydrology, geology, environmental sciences, engineering or a related field.

**License or Certificate:**

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

**WORKING CONDITIONS**

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

**Environmental Conditions:**

Office and field environment with some travel to attend meetings; work in and around water; exposure to all types of weather and temperature conditions; exposure to poisonous plants, animals, and/or insects; work closely with others and work alone; irregular work hours; exposure to computer screens, atmospheric conditions, and slippery and uneven conditions; working with machinery.

**Physical Conditions:**

Essential and marginal functions may require maintaining physical condition necessary for moderate to heavy lifting and carrying; walking, standing and sitting for prolonged periods of time; bending, climbing and reaching; operating motorized vehicles and equipment.

**Vision:**

See in the normal visual range with or without correction; specific vision abilities required by this job include close and distance vision, color perception and depth perception.

**Hearing:**

Hear in the normal audio range with or without correction.







## **EXHIBIT 8-B**

### **ASSOCIATE HYDROLOGIST**

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

#### **DEFINITION**

To develop and maintain complex and difficult programs related to managing the District's groundwater resources including operation and maintenance of Aquifer Storage and Recovery (ASR) facilities, collection of water quality data, water production data and groundwater elevation data; perform a wide variety of technical tasks relative to assigned areas of responsibility.

#### **DISTINGUISHING CHARACTERISTICS**

This is the advanced journey level class in the professional Hydrologist series. Positions at this level are distinguished from other classes within the series by the level of responsibility assumed and the complexity of duties assigned. Employees perform the most difficult and responsible types of duties assigned to classes within this series and function with minimal supervision and guidance. Employees at this level are required to be fully trained in all procedures related to assigned area of responsibility.

#### **SUPERVISION RECEIVED AND EXERCISED**

Receives direction from the Water Resources and Engineering Manager and Senior Hydrogeologist.

May assume lead responsibilities over lower level staff.

#### **ESSENTIAL AND MARGINAL FUNCTION STATEMENTS**

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

##### **Essential Functions:**

1. Design and perform complex hydrologic related research studies; establish methodology and standards; perform data analyses and interpretation relating to groundwater quality and quantity; guide technical field staff in data collection, analyses, storage, retrieval and reporting
2. Schedule maintenance, establish schedules for backflush and water quality sampling frequencies in accordance with ASR Sampling and Analysis Plans and regulatory mandates; determine appropriate injection rates compliant with water rights permits; coordinate activities with California American Water Company and other agencies.
3. Provide technical support for long-term and interim water supply projects, water rights studies, ASR, fisheries, riparian vegetation and groundwater modeling projects.
4. Maintain networks of dedicated monitor wells for collection of water quality and water elevation data. Deploy, maintain and utilize data logging instrumentation in monitor wells.
5. Operate, maintain and repair equipment including groundwater sounders, pressure transducers, data-loggers, and water quality measuring equipment.

6. Maintain groundwater elevation records, tabulate water quality records and prepare water production reports in support of modeling and permitting efforts; produce graphics of collected hydrologic data. Locate and plot facilities in GIS.
7. Manage computer database and filing system for production wells. Track network of production wells and status of owners; contact owners; distribute, collect and compile reports from all well owners; enforce Rules pertaining to Well Registration, Metering and Water Distribution System permitting. Prepare historical production reports, read and inspect meters, contact owners regarding violations or discrepancies.
8. Collect water quality and water level data from networks of wells.
9. Prepare Board Packet Staff Notes for Water Production and Water Quality reports.
10. Review, evaluate and make recommendations regarding Water Distribution System applications and Requests for Exemptions; assist with review and evaluation of EIRs and other studies.
11. Oversee and administer contracts for construction projects and hydrologic studies and inspect work activities of contractors involved in well construction and maintenance projects; document progress, evaluate cuttings, assist with set up and clean-up of sites.
12. Conduct biological surveys of wetland flora to determine status of habitat. Manage complex data in computer.
13. Attend and participate in professional group meetings; stay abreast of new trends and innovations in the field of surface and groundwater resource management.
14. Assist Hydrography Programs Coordinator in collection of surface water data (stream gauging, surveys, maintenance of stations) and bathymetric surveys.
15. Hike into remote areas to make inspections, measurements and observations and to conduct studies.
16. Assist with fish population surveys, fish rescues and bio-assessment of benthic macroinvertebrate sampling as necessary.
17. Ensure adherence to safe work practices and procedures.
18. Respond to public inquiries in a courteous manner; provide information within the area of assignment; resolve complaints in an efficient and timely manner.
19. Participate in budget process for planning and requisitions; estimate time, materials and equipment required for jobs assigned; requisition materials as required.
20. Perform related duties and responsibilities as required.

## QUALIFICATIONS

### **Knowledge of:**

Principles of ASR best operations (rates of injection, frequency and rate of back-flushing, draw-up limits).

Operation of Variable Frequency Drives for ASR well pump motors and Programmable Logic Controllers, SCADA.

Hydraulics and operation of valves, including gate valves, pressure sustaining and pressure reducing Cla-Vals, and inflatable flow control valves; operation and maintenance of gas regulators and pressurized gas cylinders.

Various field and laboratory water quality sampling and analysis procedures, techniques, protocols and devices for measuring dissolved chemistry and physical priorities of water (including general mineral, oxidation-reduction potential, dissolved oxygen, chlorine, turbidity, metals, disinfection byproducts and so forth for regulatory compliance and special studies).

Chain of custody forms.

Computer hardware and software including ARC GIS, GPS, Microsoft Office (Excel and Word), Win-Situ, Solinst and Campbell-Scientific instrumentation, and data collection platforms including laptops, notebooks and specialized

handheld computers.

Advanced principles and practices of hydrology, climatology, biology, chemistry and geology.

Advanced field hydrologic, climatologic and biologic data collection techniques.

Well construction and development; State and local regulations regarding construction and operation of wells and water systems.

Stream flow measuring techniques.

Methods and techniques of land surveying.

Construction management on water projects.

Basic construction skills including carpentry and cement work.

Intermediate mathematics and statistics.

Basic electronics.

Operational characteristics of power and hand tools.

Occupational hazards and standard safety practices.

**Ability to:**

Perform professional-level hydrologic and environmental work studies.

Accurately quantify groundwater resources.

Operate pumps, valves and appurtenances related to ASR.

Install, operate and maintain groundwater monitoring facilities.

Measure stream flow and compute stream flow records.

Follow established methods in data collection and analyses; maintain records.

Compile, analyze and interpret difficult technical and statistical information and data.

Utilize a computer terminal for data management, data processing and word processing.

Interpret, explain and enforce District policies and procedures.

Operate a vehicle and equipment in a safe and effective manner.

Perform instrument calibration.

Use proper techniques to acquire water quality samples.

Complete chain of custody forms for water quality and biological samples.

Operate GPS equipment to locate wells and other monitoring sites; prepare maps, import and export data, edit features, attribute tables and shapefiles in GIS.

Conduct meetings and serve as District representative.

Work independently in the absence of supervision.

Understand and follow oral and written instructions.

Communicate clearly and concisely, both orally and in writing.

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

Understand and interpret complex regulatory mandates pertaining to ASR operations, Water Distribution System permitting, and well permitting.

Interact diplomatically with property owners in the field on issues related to well registration, metering, production reporting and permitting status.

Respond to requests and inquiries from other agencies, property owners and the general public.

Maintain professional licenses (water treatment operator's certificate) through participation in appropriate continuing education programs.

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

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

**Experience**

Five years of increasingly responsible surface water resource management experience.

**Training**

Equivalent to a Bachelor's degree from an accredited college or university with major course work in hydrology, geology, environmental sciences, engineering or a related field.

**License or Certificate:**

Possession of, or ability to obtain, a valid driver's license. T1 or D1 license from California State Water Resources Control Board Drinking Water Operator Certification Program highly desirable

**WORKING CONDITIONS**

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

**Environmental Conditions:**

Office and field environment with some travel to attend meetings; work in and around water; exposure to all types of weather and temperature conditions, often in the rain; exposure to poisonous plants, animals, and/or insects; work closely with others and work alone; irregular work hours; exposure to computer screens, atmospheric conditions, and slippery and uneven conditions; working with machinery, including high voltage motor controls, high horsepower and high volume motors and high water pressure. May be required to wear a wetsuit or chest waders for work in river.

**Physical Conditions:**

Essential and marginal functions may require maintaining physical condition necessary for moderate to heavy lifting and carrying; walking, standing and sitting for prolonged periods of time; bending, climbing and reaching; operating motorized vehicles and equipment.

**Vision:**

See in the normal visual range with or without correction; specific vision abilities required by this job include close and distance vision, color perception and depth perception.

**Hearing:**

Hear in the normal audio range with or without correction.

**Department:** Water Resources

**Exempt:** Yes

**Approved Date:**

**Revised Date:**

**ITEM: CONSENT CALENDAR****9. CONSIDER APPROVAL OF RESOLUTION 2018-01 IN SUPPORT OF AN APPLICATION FOR STEELHEAD MONITORING TO THE CALIFORNIA DEPARTMENT OF FISH AND GAME FISHERIES RESTORATION GRANT PROGRAM**

<b>Meeting Date:</b>	<b>January 24, 2018</b>	<b>Budgeted:</b>	<b>N/A</b>
<b>From:</b>	<b>Dave Stoldt, General Manager</b>	<b>Program/ Line Item No.:</b>	<b>N/A</b>
<b>Prepared By:</b>	<b>Kevan Urquhart</b>	<b>Cost Estimate:</b>	<b>N/A</b>

**General Counsel Approval: N/A****Committee Recommendation: The Administrative Committee reviewed this item on January 17, 2018 and recommended approval.****CEQA Compliance: This action does not constitute a project as defined by the California Environmental Quality Act Guidelines Section 15378.**

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**SUMMARY:** The California Department of Fish and Wildlife (CDFW) Fisheries Restoration Grant Program (FRGP) solicits proposals annually in the spring of each year for projects that restore, enhance, or protect anadromous salmonid habitat in the coastal watersheds of California or projects that lead to restoration, enhancement, or protection of anadromous salmonid habitat. The Monterey Peninsula Water Management District identified an expansion of our existing monitoring efforts that may be eligible to receive grant funds from this program. Applications for grant funds were due to CDFW on or before April 8, 2017. The application process initially blocked the District from applying, but due to intervention by the General Manager with the State Secretary of Resources, John Laird, artificial barriers to our application were modified, and an application was developed on short notice, precluding prior Board approval. Authorization from the District Board is required to enter into a contract with CDFW if we receive the grant, or to reapply again in 2018 if our application is not funded in the current grant cycle (see **Exhibit 9-A**, Resolution 2018-01).

**RECOMMENDATION:** If this item is approved as part of the Consent Calendar, the Board will adopt Resolution 2010-01 to apply for grant funding from the FRGP and will authorize the General Manager to enter into a contract with the CDFW to receive grant funds.

**BACKGROUND:** Monitoring Status and Trends (MD) was a focus area for projects that can be funded in 2017-18. The majority of FRGP funds are derived from Federal Endangered Species Act disbursements for salmonid recovery. The Carmel River is considered a priority watershed for recovery and monitoring within the South Central Coast, Distinct Population Segment of steelhead. Applications for funds are received on a statewide basis, and will be judged competitively.

District staff propose to apply to the FRGP for an expansion of the District's existing monitoring efforts, in order to make our program meet the CDFW's and National Marine Fisheries Service's (NMFS) standards for a Life Cycle Monitoring Station (LCMS), under their joint Coastal Monitoring Program (CMP). No local funding match is required for these projects; however the value of staff time contributed by MPWMD to project management and field project oversight will be identified for credit as a local funding match. The FRGP also allows a grantee to be reimbursed for administrative overhead up to 15% of the amount requested. Administrative overhead includes but is not limited to utilities, offices space rental, phone and copying, which is directly related to completion of the proposed project. The amount of grant funds to be requested for these projects in the three years of 2018-2020 is budgeted at \$641,316 (\$213,772/year), in support of a total three-year program cost estimated at \$960,062 (\$320,021/year).

Local matches are encouraged and rank higher projects that are in the competitive portion of the FRGP. The District proposed a local match consisting of our staff time and resources to manage the project. CDFW intends to award grant contracts for all funded projects in early 2018, for implementation in fall 2018 through 2020.

Installation of a New Resistance Board Fish Counting Weir in the Lower Carmel River, Supplemented by Two DIDSON Sonic Fish Counting Devices Upstream. Steelhead migrating upstream were counted at the San Clemente Dam (SCD) fish ladder at River Mile 18.6 until 2015, and continue to be so at the Los Padres Dam (LPD) trap at River Mile 24.8. However, an unknown but a potentially large and significant number of fish (estimated at more than 40% of the annual run) likely spawn in the lower river, but were never counted as part of the annual run at either dam. A Dual Frequency Identification Sonar [DIDSON] device was installed at a location in the lower three miles of the Carmel River, under a prior FRGP grant in Water Year 2013, to count immigrating adult steelhead. However, the entry of large numbers of striped bass into the river, which cannot be distinguished from steelhead, has rendered that monitoring ineffective. The District proposes to replace it with a physical weir that will guide all adult fish into a trap to be counted, weighed, measured, and their sex determined. The exiting DIDSON installation will be retained and operated about 2.5 miles upstream as a short-term research effort to calibrate DIDSON counts with Weir counts, then discontinued. A new second DIDSON will be installed and operated at the Sleepy Hollow Ford Bridge to recreate the time line of the historic counts at SCD, interrupted by dam removal in 2015. These efforts would allow the District to enumerate the whole Carmel River steelhead run, and partition it into three subsets of the watershed: Highway 1 to SCD, SCD to LPD, and above LPD. Doing so can a) document the amount of spawning occurring below San Clemente Dam, b) whether those steelhead are numerous enough to alter the annual trends in abundance previously derived only from SCD counts; c) conclusively document increased utilization of, and spawning in, the Lower Carmel River that likely resulted from decades of the District's riparian and stream restoration projects, and d) to irrefutably document progress towards Endangered Species Act Recovery goals.

Expansion of Steelhead Spawning Substrate and Redd Surveys. The grant will expand the District's current redd surveys that occur only on the main-stem river downstream from LPD. We are only able to conduct these surveys once or twice a year with existing staff. The grant will expand the effort into the tributaries, and expand it to as much as a monthly, watershed-wide repetitive survey from December through May. This effort is necessary to meet the CDFW and

NMFS standards for a LCMS compatible with their interagency CMP.

Expansion of Passive Integrative Tag (PIT) Monitoring of Juvenile and Adult Steelhead. The grant will help the District expand its cooperative efforts in support of the NMFS' Southwest Fisheries Science Center to estimate freshwater survival and return rates of wild fish, with the intent of eventually developing a bioenergetics life history model that better explains the trends and fluctuations in the annual abundance of juvenile and adult steelhead, in the Carmel River. This work can also inform and beneficially focus future restoration efforts to increase freshwater survival and production of juvenile steelhead. The grant will help support the installation, upgrade, or replacement of PIT tag detection arrays at up to six sites, and the tagging of wild fish.

Initiate Emigrating Juvenile Steelhead Smolt Monitoring. We will use the District's existing screw trap, currently on loan to Monterey County Water Resources Agency in the Salinas River, supplemented with floating fyke traps at flows too low to run the screw trap, when needed. We will trap and mark emigrating juvenile steelhead to estimate emigration timing, watershed wide juvenile smolt production, and the proportion of PIT tagged emigrating smolts that come from various areas in the watershed. This type of data has never been collected on the Carmel River before, and is an essential component of a LCMS to be compatible with the interagency CMP.

**IMPACT ON FISCAL AND STAFF RESOURCES:** Funds in the form of staff time are proposed to be used by MPWMD as a local match in grant applications, but the grant will also reimburse a fraction of existing permanent staff time up to \$34,463 over three years. The grant will cover the hiring of one new full time Fisheries Technician as a three year position, whose continuation is subject to grant renewal. The grant will cover all additional temporary staff time need for the expanded field work. The District's Senior Fisheries Biologist would be involved in the development of grant applications and managing grant contracts if the District is successful in obtaining grants, and both Associate Biologists would be lead-persons over various elements of the grant. Costs for their time, and proportions of selected Administrative Services Division support staff will be documented and are proposed for credit as the local funding match. In addition, the District may be eligible for reimbursement of up to 15% of the requested amount of grant funding for administrative overhead.

## **EXHIBIT**

### **9-A MPWMD Board Resolution 2018-01**







**EXHIBIT 9-A**

**RESOLUTION 2018-01**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
MONTEREY PENINSULA WATER MANAGEMENT DISTRICT  
TO APPLY FOR FISHERIES RESTORATION GRANT PROGRAM FUNDING AND  
AUTHORIZE THE GENERAL MANAGER TO ENTER INTO CONTRACTS WITH THE  
CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE**

Resolved by the Board of Directors of the Monterey Peninsula Water Management District, that the application made to the California Department of Fish and Game to obtain Fisheries Restoration Grant Program funds for projects to monitor Steelhead in the Carmel River. The General Manager of the Monterey Peninsula Water Management District is hereby authorized and directed to prepare the necessary data, conduct investigations, file such applications, and enter into an agreement to receive a grant for such Projects and to execute a grant agreement with California Department of Fish and Wildlife.

On motion of Director \_\_\_\_\_, and second by Director \_\_\_\_\_, the foregoing resolution is duly adopted this 24<sup>th</sup> day of January 2018 by the following votes:

AYES:

NAYS:

ABSENT:

I, David J. Stoldt, General Manager of the Monterey Peninsula Water Management District, hereby certify that the foregoing is a resolution duly adopted on the 24<sup>th</sup> day of January 2018.

Witness my hand and seal of the Board of Directors this \_\_\_\_ day of January 2018.

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David J. Stoldt,  
General Manager



**ITEM: CONSENT CALENDAR****10. CONSIDER APPROVAL OF ANNUAL UPDATE OF INVESTMENT POLICY****Meeting Date:** January 24, 2018 **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 January 17, 2018 and recommended approval.**CEQA Compliance:** N/A

**SUMMARY:** The State of California Government Code requires the District Board to annually review and approve the District Investment Policy. The District's current investment policy, included as **Exhibit 10-A**, was adopted by the Board on September 20, 1997 and has been reviewed and approved annually by the Board. The policy provides guidance for the District Treasurer, who acts on behalf of the Board in all investment matters. The policy was last reviewed and approved by the Board on January 25, 2017. District staff has again reviewed the investment policy and determined that it complies with the current Government Code; and that it is adequate for protecting safety and providing liquidity while yielding a reasonable rate of return given current market conditions.

**RECOMMENDATION:** District staff recommends that the Board review and approve the District's Investment Policy. This item will be approved if adopted along with the Consent Calendar.

**BACKGROUND:** The State of California Government Code requires the District Board to annually review and approve the District Investment Policy. The District's current policy was adopted on September 20, 1997 and has been reviewed and approved annually by the Board since that time. Additionally, State law, as well as District policy, requires that each quarter the Board receive and approve a report of investments held by the District. This requirement has been met as the Board has received quarterly reports on the contents and performance of the investment portfolio since adoption of the investment policy.

**EXHIBIT****10-A Monterey Peninsula Water Management District Investment Policy**



**EXHIBIT 10-A****MONTEREY PENINSULA WATER MANAGEMENT DISTRICT  
INVESTMENT POLICY**

Approved by the MPWMD Board on January 24, 2018



Table of Contents

1 Introduction..... 3

2 Prudence..... 3

3 Investment and Risk..... 3

4 Types of Investments ..... 4

5 Prohibited Investments..... 4

6 Access to Funds ..... 4

7 Authority ..... 4

8 Reports ..... 4

9 Audits ..... 5

10 Policy Review ..... 5

11 Attachment I..... 6

## MONTEREY PENINSULA WATER MANAGEMENT DISTRICT

### INVESTMENT POLICY

#### 1 Introduction

This policy governs the investment of District funds. The purpose of the policy is to provide guidance to the District Treasurer to invest funds in a manner that provides for the protection of principal (safety), meets the cash flow (liquidity) demands of the District and earns a reasonable yield. It shall be the policy of the District to invest all funds in strict conformance with all state statutes governing the investment of public monies. Moreover, it shall be the policy to manage investments under the prudent investor rule. This rule affords the District a broad spectrum of investment opportunities so long as the investment is deemed prudent and is allowable under State of California Government Code section 53600 et. seq., the investment policy of Monterey County and Section 118-507 (West's Annotated Government Code) of the District's enabling legislation.

#### 2 Prudence

The District Treasurer is a trustee and therefore a fiduciary subject to the prudent investor standard. When investing, reinvesting, purchasing, acquiring, exchanging, selling and managing public funds, the treasurer shall act with the care, skill, prudence and diligence under the circumstances then prevailing that a prudent person acting in a like capacity and familiarity with those matters would use in the conduct of investments of a like character and with like aims to safeguard the principal and maintain the liquidity needs of the District. Within the limitation of this policy and considering individual investments as part of an overall investment strategy, a trustee is authorized to acquire investments as authorized by law.

#### 3 Investment and Risk

The objectives of the District's investment program in order of priority are:

- 1) Safety of invested funds – The Treasurer shall ensure the safety of the District's invested funds by limiting, as much as possible, credit and interest rate risk. Credit risk is the risk of loss due to failure of the security issuer or backer. Interest rate risk is the risk that the market value of investments will fall due to an increase in the general level of interest rates.
- 2) Maintenance of sufficient liquidity to meet cash flow requirements – Attainment of a market average rate of return during budgetary and economic cycles, taking into account the District's investment risk constraints and cash requirements. The Treasurer, acting in accordance with District procedures and this policy and exercising due diligence shall be relieved of personal responsibility for an individual security's credit risk or market price change, provided deviations from expectations are reported in a timely fashion and appropriate action is taken to control adverse developments.

#### 4 Types of Investments

District funds may be placed in any instrument or medium approved by the State of California as enumerated in Government Code Section 53651, and not otherwise limited by the Monterey County Investment Policy. A listing of currently eligible securities shall be maintained. The Treasurer shall submit any proposed changes to the list of eligible investments to the Administrative Committee and Board of Directors. The Administrative Committee shall approve investment in a class of securities included on the list, but in which the District has not previously invested. The Board of Directors shall approve changes to the list of eligible securities. The currently approved list of securities is incorporated as Attachment I.

#### 5 Prohibited Investments

The District shall not be authorized to invest in any security that has the possibility of returning a zero or negative yield if held to maturity except that investment in U. S. Treasury Certificates of indebtedness ("SLUGS") issued by the U. S. Bureau of Public debt is authorized. Prohibited investments shall include inverse floaters, range notes and interests only strips derived from a pool of mortgages.

#### 6 Access to Funds

The premise underlying the District's investment policy is to ensure that money is available when needed. To this end, the District will maintain funds on deposit in a local bank or other federal or state regulated depository sufficient to meet expenditure requirements for the following six months as represented in the most recent budget adopted by the Board of Directors.

#### 7 Authority

The Treasurer of the Board of Directors of the Monterey Peninsula Water Management District is responsible for the custody and management of District investments. Management activity will adhere to applicable state law, provisions of the District's enabling legislation and this policy. The Treasurer may delegate ministerial duties related to the investment program to other District staff, but shall retain responsibility for all transactions undertaken and shall establish a system of internal control to regulate activity of subordinate personnel.

#### 8 Reports

Pursuant to Government Code Section 53646 the Treasurer shall provide quarterly investment reports to the Board of Directors. Each report shall include a listing of all securities held in the portfolio. It shall list investments by type, issuer, maturity, par value, market value, and dollar amount invested. The report shall contain a citation of compliance with this policy, an explanation for any non-compliance and a statement as to the ability or inability to meet expenditure requirements for the following six months. District monies over which the Treasurer does not exercise control or safekeeping e.g., does not determine how the funds are to be invested or banked,



need not be included in the report. Agency contributions to the Public Employees Retirement System need not be included. Deferred compensation funds (Section 457) held by third-party administrators and invested at the direction of program participants need not be included pursuant to PL 104-188.

#### 9 Audits

The District's portfolio, quarterly reports, policy, internal control procedures and investment practices shall be the subject of scrutiny in the course of annual audits performed by external independent auditors selected by the Board of Directors.

#### 10 Policy Review

The Board of Directors shall review this policy at least annually.

11 Attachment I

**ALLOWABLE INVESTMENT INSTRUMENTS PER STATE GOVERNMENT CODE  
AS OF JANUARY 1, 2017**

<b>INVESTMENT TYPE</b>	<b>MAXIMUM SECURITY</b>	<b>MAXIMUM SPECIFIED % OF PORTFOLIO</b>	<b>MINIMUM QUALITY REQUIREMENTS</b>
Local Agency Bonds	5 years	None	None
U.S. Treasury Obligations	5 years	None	None
State Obligations – CA and Others	5 years	None	None
CA Local Agency Obligations	5 years	None	None
U.S. Agency Obligations	5 years	None	None
Bankers' Acceptances	180 days	40%	None
Commercial Paper – Pooled Funds	270 days	40% of the agency's money	Highest letter and number rating by an NRSRO
Commercial Paper – Non-Pooled Funds	270 days	25% of the agency's money	Highest letter and number rating by an NRSRO
Negotiable Certificates of Deposits	5 years	30%	None
Non-negotiable Certificates of Deposits	5 years	None	None
Placement Service Deposits	5 years	30%	None
Placement Service Certificates of Deposits	5 years	30%	None
Repurchase Agreements	1 year	None	None
Reverse Repurchase Agreements and Securities Lending Agreements	92 days	20% of the base value of the portfolio	None
Medium-Term Notes	5 years	30%	"A" rating category or its equivalent or better
Mutual Funds And Money Market Mutual Funds	N/A	20%	Multiple
Collateralized Bank Deposits	5 years	None	None
Mortgage Pass-Through Securities	5 years	20%	"AA" rating category or its equivalent or better
County Pooled Investment Funds	N/A	None	None
Joint Powers Authority Pool	N/A	None	Multiple
Local Agency Investment Fund (LAIF)	N/A	None	None
Voluntary Investment Program Fund	N/A	None	None
Supranational Obligations	5 years	30%	"AA" rating category or its equivalent or better

**ITEM: CONSENT CALENDAR****11. RECEIVE SEMI-ANNUAL FINANCIAL REPORT ON THE CAWD/PBCSD WASTEWATER RECLAMATION PROJECT****Meeting Date: January 24, 2018 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 January 17, 2018 and recommended approval.****CEQA Compliance: This action does not constitute a project as defined by the California Environmental Quality Act Guidelines section 15378.**

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This report relates to the original CAWD/PBCSD Wastewater Reclamation Project (Phase I) only and does not contain any information related to the CAWD/PBCSD Recycled Water Expansion Project (Phase II). On December 10, 1992, the Monterey Peninsula Water Management District (MPWMD or District) sold \$33,900,000 worth of variable rate certificates of participation to finance the wastewater reclamation project in Pebble Beach. The tables below summarize the investment information on funds held for future use, disbursements, and interest rate trends on the outstanding certificates for the period July 1, 2017 through December 31, 2017. During the first reporting period in 2006, the Wastewater Reclamation Project's (Project) Operations and Maintenance Reserve and Renewal and Replacement Reserve accounts were transferred to the Carmel Area Wastewater District in accordance with the Project's Amended Construction and Operations Agreement dated December 15, 2004. The Project's Operations and Maintenance account (Bank of America) and Certificate of Participation accounts (U.S. Bank) remain under the control of the District and will continue to be reported on this report and future reports.

<u>Par of 1992 Certificates</u>	\$33,900,000
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Investments as of December 31, 2017:

<u>Description</u>	<u>Institution</u>	<u>Market Value</u>	<u>Rate/Yield</u>	<u>Term</u>
Interest Fund	U.S. Bank	\$327	0.00%	Daily
Certificate Payment Fund	U.S. Bank	\$792	0.00%	Daily
Acquisition/Rebate Funds	U.S. Bank	\$19	0.00%	Daily
Water Sales Revenue Acct.	Bank of America	\$580,110	0.03%	Daily

### Operation and Maintenance Disbursements:

MPWMD transferred advances in the amount of \$3,540,000 from the Water Sales Revenue Account to the Carmel Area Wastewater District during this reporting period. Advance payments are provided in accordance with the terms and conditions of Section 5.5 (a) of the Operation and Maintenance Agreement.

As provided in the Water Purchase Agreement, the obligation of the District to make disbursements is a special obligation of the District, payable solely from net operating revenues of the project, monies in the Revenue Fund, and other funds described in the Trust Agreement. In no event, will disbursements be payable out of any funds or properties of the District other than such sources.

### Principal and Interest on Certificates:

A principal payment of \$2,000,000 was made by the Project during this reporting period. The outstanding balance on the Certificates is currently \$11,900,000. .

The interest rate on the Series 1992 Certificates was set initially at 2.30 percent per annum until December 16, 1992. On that date and weekly thereafter, so long as the certificates are in the variable mode, the Remarketing Agent, Stone & Youngberg, determines the rate of interest. Interest rates for this reporting period fluctuated between 0.75% and 1.70%.

On June 7, 2000, the Reclamation Management Committee noted that the Capital Interest Fund, used for payment of monthly interest on the outstanding certificates, would soon be exhausted. The Committee discussed the use of water sales revenue to make future interest payments. On July 3, 2000, the Reclamation Technical Advisory Committee affirmed the use of water sales revenue for interest payments when excess funds are available.

Effective July 1, 2013, the Reclamation Project water rates have been delinked from the California American Water Company potable rates. The rates are now set based on revenue requirement for the Project.

**ITEM: CONSENT CALENDAR****12. CONSIDER ADOPTION OF TREASURER'S REPORT FOR OCTOBER 2017**

<b>Meeting Date:</b>	<b>January 24, 2018</b>	<b>Budgeted:</b>	<b>N/A</b>
<b>From:</b>	<b>David J. Stoldt, General Manager</b>	<b>Program/ Line Item No.:</b>	<b>N/A</b>
<b>Prepared By:</b>	<b>Suresh Prasad</b>	<b>Cost Estimate:</b>	<b>N/A</b>

**General Counsel Review:** N/A**Committee Recommendation:** The Administrative Committee considered this item on January 17, 2018 and recommended approval.**CEQA Compliance:** This action does not constitute a project as defined by the California Environmental Quality Act Guidelines section 15378.

**SUMMARY:** Exhibit 12-A comprises the Treasurer's Report for October 2017. Exhibit 12-B, Exhibit 12-C and Exhibit 12-D are listings of check disbursements for the period October 1-31, 2017. Check Nos. 30283 through 30597, the direct deposits of employee's paychecks, payroll tax deposits, and bank charges resulted in total disbursements for the period in the amount of \$691,158.94. That amount included \$54,738.62 for conservation rebates. Exhibit 12-E reflects the unaudited version of the financial statements for the month ending October 31, 2017.

**RECOMMENDATION:** District staff recommends adoption of the October 2017 Treasurer's Report and financial statements, and ratification of the disbursements made during the month. The Administrative Committee reviewed this item at its January 17, 2018 meeting and voted 3 to 0 to recommend approval.

**EXHIBITS**

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



**MONTEREY PENINSULA WATER MANAGEMENT DISTRICT  
TREASURER'S REPORT FOR OCTOBER 2017**

<u>Description</u>						<b>PB</b>	
	<u>Checking</u>	<u>MPWMD Money Market</u>	<u>L.A.I.F.</u>	<u>Wells Fargo Investments</u>	<u>MPWMD Total</u>	<u>Rabobank Line of Credit</u>	<u>Reclamation Money Market</u>
Beginning Balance	(\$124,702.85)	\$774,002.19	\$1,009,755.33	\$1,526,610.54	\$3,185,665.21	\$0.00	\$553,766.33
Fee Deposits		695,659.61			695,659.61		773,790.43
Line of Credit Draw/Payoff					0.00		
Interest		18.48	3,953.64	3,424.00	7,396.12		27.25
Transfer to/from LAIF	\$623,826.08	(623,826.08)	-		0.00		
Transfer-Money Market to Checking	\$0.00	-			0.00		
Transfer-Money Market to W/Fargo					0.00		
Transfer-W/Fargo to Money Market					0.00		
W/Fargo-Investment Purchase					0.00		
Transfer Ckg to MPWMD M/Mrkt					0.00		
MoCo Tax & WS Chg Installment Pymt					0.00		
Transfer to CAWD					0.00		(490,000.00)
Voided Cks					0.00		
Bank Corrections/Reversals/Errors					0.00		
Bank Charges/Rtn'd Deposits/Other	(\$313.34)	(38.70)			(352.04)		(10.00)
Payroll Tax/Benefit Deposits	(42,147.11)				(42,147.11)		
Payroll Checks/Direct Deposits	(135,406.05)				(135,406.05)		
General Checks	(431,588.57)				(431,588.57)		
Bank Draft Payments	(81,703.87)				(81,703.87)		
<b>Ending Balance</b>	<b>(\$192,035.71)</b>	<b>\$845,815.50</b>	<b>\$1,013,708.97</b>	<b>\$1,530,034.54</b>	<b>\$3,197,523.30</b>	<b>\$0.00</b>	<b>\$837,574.01</b>





## Check Report

By Check Number

Date Range: 10/01/2017 - 10/31/2017



Monterey Peninsula Water Management Dist

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
<b>Bank Code: APBNK</b>	<b>-Bank of America Checking</b>					
00763	ACWA-JPIA	10/03/2017	Regular	0.00	429.90	30283
00767	AFLAC	10/03/2017	Regular	0.00	917.78	30284
00253	AT&T	10/03/2017	Regular	0.00	773.50	30285
00243	CalPers Long Term Care Program	10/03/2017	Regular	0.00	50.06	30286
00237	Chevron	10/03/2017	Regular	0.00	368.09	30287
06268	Comcast	10/03/2017	Regular	0.00	248.41	30288
00758	FedEx	10/03/2017	Regular	0.00	124.06	30289
06745	KBA Docusys - Lease Payments	10/03/2017	Regular	0.00	947.22	30290
00769	Laborers Trust Fund of Northern CA	10/03/2017	Regular	0.00	28,550.00	30291
00769	Laborers Trust Fund of Northern CA	10/04/2017	Regular	0.00	-28,550.00	30291
00282	PG&E	10/03/2017	Regular	0.00	2,576.82	30292
04736	Pitney Bowes Global Financial Svc, LLC	10/03/2017	Regular	0.00	378.00	30293
13430	Premier Global Services	10/03/2017	Regular	0.00	94.85	30294
00752	Professional Liability Insurance Service	10/03/2017	Regular	0.00	52.40	30295
07627	Purchase Power	10/03/2017	Regular	0.00	500.00	30296
00176	Sentry Alarm Systems	10/03/2017	Regular	0.00	125.50	30297
00221	Verizon Wireless	10/03/2017	Regular	0.00	628.16	30298
00760	Andy Bell	10/04/2017	Regular	0.00	699.00	30299
14567	Applicant Information	10/04/2017	Regular	0.00	182.00	30300
00232	Balance Hydrologics, Inc	10/04/2017	Regular	0.00	2,557.50	30301
00036	Bill Parham	10/04/2017	Regular	0.00	650.00	30302
14669	BMCH California, LLC	10/04/2017	Regular	0.00	2,288.00	30303
01001	CDW Government	10/04/2017	Regular	0.00	268.98	30304
00024	Central Coast Exterminator	10/04/2017	Regular	0.00	104.00	30305
00230	Cisco WebEx, LLC	10/04/2017	Regular	0.00	49.00	30306
01352	Dave Stoldt	10/04/2017	Regular	0.00	2,567.09	30307
00761	Delores Cofer	10/04/2017	Regular	0.00	356.00	30308
00041	Denise Duffy & Assoc. Inc.	10/04/2017	Regular	0.00	28,103.50	30309
00225	Escalon Services c/o Palace Business Solutions	10/04/2017	Regular	0.00	799.95	30310
00192	Extra Space Storage	10/04/2017	Regular	0.00	779.00	30311
12191	Gutierrez Consultants	10/04/2017	Regular	0.00	976.50	30312
00993	Harris Court Business Park	10/04/2017	Regular	0.00	721.26	30313
08929	HDR Engineering, Inc.	10/04/2017	Regular	0.00	25,371.16	30314
00768	ICMA	10/04/2017	Regular	0.00	6,185.09	30315
05371	June Silva	10/04/2017	Regular	0.00	580.86	30316
13431	Lynx Technologies, Inc	10/04/2017	Regular	0.00	1,950.00	30317
00242	MBAS	10/04/2017	Regular	0.00	3,700.00	30318
00254	MoCo Recorder	10/04/2017	Regular	0.00	12.00	30319
01002	Monterey County Clerk	10/04/2017	Regular	0.00	50.00	30320
01002	Monterey County Clerk	10/04/2017	Regular	0.00	25.00	30321
13396	Navia Benefit Solutions, Inc.	10/04/2017	Regular	0.00	975.38	30322
00262	Pure H2O	10/04/2017	Regular	0.00	64.41	30323
00251	Rick Dickhaut	10/04/2017	Regular	0.00	1,030.00	30324
01351	Staples Credit Plan	10/04/2017	Regular	0.00	73.46	30325
00258	TBC Communications & Media	10/04/2017	Regular	0.00	16,224.44	30326
04719	Telit lo T Platforms, LLC	10/04/2017	Regular	0.00	221.60	30327
14340	Towill, Inc.	10/04/2017	Regular	0.00	30,000.00	30328
00229	Tyler Technologies	10/04/2017	Regular	0.00	1,693.65	30329
00207	Universal Staffing Inc.	10/04/2017	Regular	0.00	1,702.40	30330
07769	University Corporation at Monterey Bay	10/04/2017	Regular	0.00	3,129.06	30331
08105	Yolanda Munoz	10/04/2017	Regular	0.00	540.00	30332
00754	Zone24x7	10/04/2017	Regular	0.00	5,347.00	30333
00249	A.G. Davi, LTD	10/13/2017	Regular	0.00	395.00	30334
01188	Alhambra	10/13/2017	Regular	0.00	192.65	30335

**EXHIBIT 12-B**

78

## Check Report

Date Range: 10/01/2017 - 10/31/2017

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
01015	American Lock & Key	10/13/2017	Regular	0.00	107.66	30336
00253	AT&T	10/13/2017	Regular	0.00	1,538.46	30337
06821	AVTECH Software, Inc.	10/13/2017	Regular	0.00	270.33	30338
12188	Brown and Caldwell	10/13/2017	Regular	0.00	6,688.75	30339
00252	Cal-Am Water	10/13/2017	Regular	0.00	84.51	30340
00252	Cal-Am Water	10/13/2017	Regular	0.00	282.21	30341
00252	Cal-Am Water	10/13/2017	Regular	0.00	120.09	30342
00243	CalPers Long Term Care Program	10/13/2017	Regular	0.00	50.06	30343
00224	City of Monterey	10/13/2017	Regular	0.00	4,248.82	30344
00281	CoreLogic Information Solutions, Inc.	10/13/2017	Regular	0.00	941.62	30345
00073	Grindstone Sharpening	10/13/2017	Regular	0.00	60.15	30346
00083	Hayashi & Wayland Accountancy Corp.	10/13/2017	Regular	0.00	2,700.00	30347
00768	ICMA	10/13/2017	Regular	0.00	6,185.09	30348
04717	Inder Osahan	10/13/2017	Regular	0.00	1,183.47	30349
00094	John Arriaga	10/13/2017	Regular	0.00	2,500.00	30350
06999	KBA Docusys	10/13/2017	Regular	0.00	1,121.74	30351
00238	Lee & Assoc. Rescue	10/13/2017	Regular	0.00	1,500.00	30352
00259	Marina Coast Water District	10/13/2017	Regular	0.00	179.02	30353
00259	Marina Coast Water District	10/13/2017	Regular	0.00	58.62	30354
00242	MBAS	10/13/2017	Regular	0.00	555.00	30355
00118	Monterey Bay Carpet & Janitorial Svc	10/13/2017	Regular	0.00	1,000.00	30356
00274	MRWPCA	10/13/2017	Regular	0.00	152.71	30357
13396	Navia Benefit Solutions, Inc.	10/13/2017	Regular	0.00	975.38	30358
00154	Peninsula Messenger Service	10/13/2017	Regular	0.00	627.00	30359
00755	Peninsula Welding Supply, Inc.	10/13/2017	Regular	0.00	49.50	30360
00282	PG&E	10/13/2017	Regular	0.00	11.71	30361
00282	PG&E	10/13/2017	Regular	0.00	271.59	30362
00282	PG&E	10/13/2017	Regular	0.00	20.06	30363
00282	PG&E	10/13/2017	Regular	0.00	73.00	30364
04736	Pitney Bowes Global Financial Svc, LLC	10/13/2017	Regular	0.00	25.41	30365
13430	Premier Global Services	10/13/2017	Regular	0.00	92.66	30366
01020	Sara Reyes - Petty Cash Custodian	10/13/2017	Regular	0.00	245.95	30367
03979	Special Districts Association of Monterey County	10/13/2017	Regular	0.00	60.00	30368
00286	Stephanie L Locke	10/13/2017	Regular	0.00	78.65	30369
04720	Teletec Communications, Inc.	10/13/2017	Regular	0.00	400.00	30370
04719	Telit IoT Platforms, LLC	10/13/2017	Regular	0.00	235.32	30371
09351	Tetra Tech, Inc.	10/13/2017	Regular	0.00	2,743.35	30372
06005	Trucksis Flag & Banner	10/13/2017	Regular	0.00	427.38	30373
00207	Universal Staffing Inc.	10/13/2017	Regular	0.00	851.20	30374
00271	UPEC, Local 792	10/13/2017	Regular	0.00	1,083.18	30375
00994	Whitson Engineers	10/13/2017	Regular	0.00	5,916.50	30376
00763	ACWA-JPIA	10/27/2017	Regular	0.00	441.45	30540
00760	Andy Bell	10/27/2017	Regular	0.00	699.00	30541
00253	AT&T	10/27/2017	Regular	0.00	802.06	30542
00236	AT&T Long Distance	10/27/2017	Regular	0.00	446.88	30543
00983	Beverly Chaney	10/27/2017	Regular	0.00	27.72	30544
00036	Bill Parham	10/27/2017	Regular	0.00	650.00	30545
00243	CalPers Long Term Care Program	10/27/2017	Regular	0.00	50.06	30546
00024	Central Coast Exterminator	10/27/2017	Regular	0.00	104.00	30547
00237	Chevron	10/27/2017	Regular	0.00	378.63	30548
00230	Cisco WebEx, LLC	10/27/2017	Regular	0.00	120.80	30549
04041	Cynthia Schmidlin	10/27/2017	Regular	0.00	630.67	30550
00046	De Lay & Laredo	10/27/2017	Regular	0.00	19,827.56	30551
13989	Del Rey Oaks Gardens	10/27/2017	Regular	0.00	552.05	30552
00225	Escalon Services c/o Palace Business Solutions	10/27/2017	Regular	0.00	166.45	30553
00268	ESRI, Inc.	10/27/2017	Regular	0.00	10,830.31	30554
00192	Extra Space Storage	10/27/2017	Regular	0.00	779.00	30555
00993	Harris Court Business Park	10/27/2017	Regular	0.00	721.26	30556
00083	Hayashi & Wayland Accountancy Corp.	10/27/2017	Regular	0.00	2,500.00	30557
08929	HDR Engineering, Inc.	10/27/2017	Regular	0.00	10,253.67	30558
00986	Henrietta Stern	10/27/2017	Regular	0.00	1,183.47	30559

**EXHIBIT 12-B**

Check Report

Date Range: 10/01/2017 - 10/31/2017

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
00277	Home Depot Credit Services	10/27/2017	Regular	0.00	461.21	30560
00768	ICMA	10/27/2017	Regular	0.00	6,185.09	30561
03965	Irrigation Association	10/27/2017	Regular	0.00	375.00	30562
03965	Irrigation Association	10/27/2017	Regular	0.00	50.00	30563
00084	Iverson Tree Service	10/27/2017	Regular	0.00	1,800.00	30564
09990	Joseph Suwada	10/27/2017	Regular	0.00	78.15	30565
05371	June Silva	10/27/2017	Regular	0.00	396.12	30566
06999	KBA Docusys	10/27/2017	Regular	0.00	350.16	30567
13431	Lynx Technologies, Inc	10/27/2017	Regular	0.00	750.00	30568
00222	M.J. Murphy	10/27/2017	Regular	0.00	140.06	30569
00242	MBAS	10/27/2017	Regular	0.00	2,165.00	30570
12658	McCampbell Analytical, Inc.	10/27/2017	Regular	0.00	267.00	30571
00078	Michael Hutnak	10/27/2017	Regular	0.00	1,660.00	30572
01002	Monterey County Clerk	10/27/2017	Regular	0.00	50.00	30573
01353	Monterey Peninsula Chamber of Commerce	10/27/2017	Regular	0.00	325.00	30574
13396	Navia Benefit Solutions, Inc.	10/27/2017	Regular	0.00	975.38	30575
04032	Normandeau Associates, Inc.	10/27/2017	Regular	0.00	58.50	30576
00755	Peninsula Welding Supply, Inc.	10/27/2017	Regular	0.00	31.19	30577
00282	PG&E	10/27/2017	Regular	0.00	19,621.19	30578
00282	PG&E	10/27/2017	Regular	0.00	10,203.73	30579
00282	PG&E	10/27/2017	Regular	0.00	31.99	30580
00282	PG&E	10/27/2017	Regular	0.00	2,117.11	30581
00752	Professional Liability Insurance Service	10/27/2017	Regular	0.00	46.87	30582
00159	Pueblo Water Resources, Inc.	10/27/2017	Regular	0.00	26,340.01	30583
13394	Regional Government Services	10/27/2017	Regular	0.00	9,847.40	30584
00251	Rick Dickhaut	10/27/2017	Regular	0.00	1,030.00	30585
00228	Ryan Ranch Printers	10/27/2017	Regular	0.00	219.77	30586
00176	Sentry Alarm Systems	10/27/2017	Regular	0.00	309.25	30587
04709	Sherron Forsgren	10/27/2017	Regular	0.00	650.33	30588
00766	Standard Insurance Company	10/27/2017	Regular	0.00	3,222.54	30589
09989	Star Sanitation Services	10/27/2017	Regular	0.00	88.19	30590
00258	TBC Communications & Media	10/27/2017	Regular	0.00	3,500.00	30591
09351	Tetra Tech, Inc.	10/27/2017	Regular	0.00	8,450.00	30592
03967	U.S. Green Building Council	10/27/2017	Regular	0.00	300.00	30593
00207	Universal Staffing Inc.	10/27/2017	Regular	0.00	2,553.60	30594
07769	University Corporation at Monterey Bay	10/27/2017	Regular	0.00	14,368.10	30595
11451	Western Weather Group	10/27/2017	Regular	0.00	7,106.38	30596
00754	Zone24x7	10/27/2017	Regular	0.00	5,064.75	30597

Payment Type	Bank Code APBNK		Summary	
	Payable Count	Payment Count	Discount	Payment
Regular Checks	197	152	0.00	405,399.95
Manual Checks	0	0	0.00	0.00
Voided Checks	0	1	0.00	-28,550.00
Bank Drafts	0	0	0.00	0.00
EFT's	0	0	0.00	0.00
	<b>197</b>	<b>153</b>	<b>0.00</b>	<b>376,849.95</b>

**EXHIBIT 12-B**

80

Check Report

Date Range: 10/01/2017 - 10/31/2017

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
<b>Bank Code: REBATES-02-Rebates: Use Only For Rebates</b>						
15135	AARON & MALORY VIANA	10/27/2017	Regular	0.00	500.00	30380
15131	AARON ROSENBLATT	10/27/2017	Regular	0.00	500.00	30381
15230	ADRIENNE BERRY	10/27/2017	Regular	0.00	200.00	30382
15201	Aiga Auclua	10/27/2017	Regular	0.00	500.00	30383
15136	ALANNA YOUNGBLOOD	10/27/2017	Regular	0.00	500.00	30384
15096	ALLAN BATES	10/27/2017	Regular	0.00	100.00	30385
15134	Amanda Sciberras	10/27/2017	Regular	0.00	500.00	30386
15188	Amy & Tim Riley	10/27/2017	Regular	0.00	125.00	30387
15124	ANGELA BRUNO	10/27/2017	Regular	0.00	500.00	30388
15112	ANITA HOOD	10/27/2017	Regular	0.00	499.99	30389
15214	ANN SCHRADER	10/27/2017	Regular	0.00	500.00	30390
15198	APPLE & JONATHAN H ROETMAN	10/27/2017	Regular	0.00	500.00	30391
15236	Ashleigh Hutchison	10/27/2017	Regular	0.00	497.70	30392
15167	ASHLEY LOW	10/27/2017	Regular	0.00	100.00	30393
14671	BARBARA BECK	10/27/2017	Regular	0.00	100.00	30394
15200	Barbara Hert	10/27/2017	Regular	0.00	500.00	30395
15144	BARBARA JACKSON	10/27/2017	Regular	0.00	100.00	30396
15141	Barbara Pond	10/27/2017	Regular	0.00	100.00	30397
15093	Barbara Pond	10/27/2017	Regular	0.00	100.00	30398
15229	BILL LEONE	10/27/2017	Regular	0.00	200.00	30399
15158	BOUTAINA ROUISSI	10/27/2017	Regular	0.00	500.00	30400
15165	Brandon & Rebecca Wolf	10/27/2017	Regular	0.00	500.00	30401
15223	BRENDA HUBBARD	10/27/2017	Regular	0.00	500.00	30402
15184	BRETT SEFICK	10/27/2017	Regular	0.00	200.00	30403
15091	BRIAN & ANGOLEE BODE	10/27/2017	Regular	0.00	200.00	30404
15237	Brian Gonzalez	10/27/2017	Regular	0.00	500.00	30405
15098	BRUCE SILVERBLATT	10/27/2017	Regular	0.00	100.00	30406
15117	Brynn Bate	10/27/2017	Regular	0.00	500.00	30407
15110	CARINA STALLCUP	10/27/2017	Regular	0.00	125.00	30408
14674	CARLA CONIGLIO	10/27/2017	Regular	0.00	479.99	30409
15199	CAROL RANDLE	10/27/2017	Regular	0.00	500.00	30410
15090	CAROL SMITH	10/27/2017	Regular	0.00	186.00	30411
15168	CELESTE COSENTINO CAPUTO	10/27/2017	Regular	0.00	100.00	30412
15213	CHARLES ESHLEMAN	10/27/2017	Regular	0.00	498.00	30413
15185	CHERYL KINNEY	10/27/2017	Regular	0.00	100.00	30414
15121	CHERYL MERRITT	10/27/2017	Regular	0.00	500.00	30415
15215	Chris Peck	10/27/2017	Regular	0.00	500.00	30416
15202	Christian Mendelsohn	10/27/2017	Regular	0.00	500.00	30417
15143	CHUCK BOOGAY	10/27/2017	Regular	0.00	100.00	30418
15154	CLIFFORD HOGAN	10/27/2017	Regular	0.00	79.00	30419
15162	CONLON KEATOR	10/27/2017	Regular	0.00	449.99	30420
15107	CRAIG FORBELL	10/27/2017	Regular	0.00	499.99	30421
15233	C-SQUARED PROPERTIES LLC	10/27/2017	Regular	0.00	125.00	30422
14670	CUSTOM HOUSE REALTY	10/27/2017	Regular	0.00	200.00	30423
15156	Dale Kuska	10/27/2017	Regular	0.00	125.00	30424
14672	DANIEL & ALYSSA RUNNOE	10/27/2017	Regular	0.00	125.00	30425
15113	DARLA WELCH	10/27/2017	Regular	0.00	125.00	30426
15224	DAVID GILBERT	10/27/2017	Regular	0.00	479.99	30427
15209	David Morgan	10/27/2017	Regular	0.00	500.00	30428
15222	DAVID PARKER	10/27/2017	Regular	0.00	500.00	30429
15178	DAVID TUBMAN	10/27/2017	Regular	0.00	100.00	30430
15195	Deanna Hare	10/27/2017	Regular	0.00	125.00	30431
15118	DEANNA L MACDONALD TRUST	10/27/2017	Regular	0.00	500.00	30432
15207	DEBRA JOHNSON	10/27/2017	Regular	0.00	500.00	30433
15105	DENNIS ALLION	10/27/2017	Regular	0.00	125.00	30434
15139	DENNIS RILEY	10/27/2017	Regular	0.00	2,000.00	30435
15106	DOLORES JEREZ-MOYA	10/27/2017	Regular	0.00	500.00	30436
15152	DOROTHY CABRAL	10/27/2017	Regular	0.00	196.00	30437
15172	DOUG & JULIET TOBY	10/27/2017	Regular	0.00	125.00	30438
15142	DOUGLAS HARRIS	10/27/2017	Regular	0.00	100.00	30439

**EXHIBIT 12-B**

81

Check Report

Date Range: 10/01/2017 - 10/31/2017

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
15218	EDWARD WAGGONER	10/27/2017	Regular	0.00	499.00	30440
15177	ELIZABETH CHEN	10/27/2017	Regular	0.00	300.00	30441
15147	ELIZABETH PAPP MONTALVO	10/27/2017	Regular	0.00	325.00	30442
15150	ESTELA BONILLA	10/27/2017	Regular	0.00	100.00	30443
15130	FELIX BACHOFNER	10/27/2017	Regular	0.00	500.00	30444
15119	Felix Caraballo	10/27/2017	Regular	0.00	500.00	30445
15125	FOREST M PAUL	10/27/2017	Regular	0.00	500.00	30446
15189	FRANK & BRANDY RIVERA	10/27/2017	Regular	0.00	625.00	30447
15089	FRANK GRAZIANO	10/27/2017	Regular	0.00	100.00	30448
15216	FRANK KALAUCH & GISELA WELCH	10/27/2017	Regular	0.00	500.00	30449
15126	GAIL ZUG	10/27/2017	Regular	0.00	500.00	30450
15228	GARY BROWN	10/27/2017	Regular	0.00	500.00	30451
15111	GARY MCCLUSKEY	10/27/2017	Regular	0.00	125.00	30452
15239	GEORGE NIMRI	10/27/2017	Regular	0.00	100.00	30453
15159	GRACE WHITMORE	10/27/2017	Regular	0.00	500.00	30454
15220	GUS PREMUTATI	10/27/2017	Regular	0.00	500.00	30455
15157	GUS TARANTINO	10/27/2017	Regular	0.00	500.00	30456
15227	GWEN KATAYAMA	10/27/2017	Regular	0.00	500.00	30457
15197	GWEN KATAYAMA	10/27/2017	Regular	0.00	125.00	30458
15173	GWENDOLYN FOSTER	10/27/2017	Regular	0.00	700.00	30459
15174	HELEN J BIRDSONG	10/27/2017	Regular	0.00	98.00	30460
15101	HELGA MALMSTEDT	10/27/2017	Regular	0.00	200.00	30461
15194	HENRY MAUZ	10/27/2017	Regular	0.00	125.00	30462
15187	JAMES MESSERSMITH	10/27/2017	Regular	0.00	100.00	30463
15182	JAMES W & BRENDA K SHAKAL	10/27/2017	Regular	0.00	149.00	30464
15231	JAMES W & BRENDA K SHAKAL	10/27/2017	Regular	0.00	298.00	30465
15160	Jamie LeMaire	10/27/2017	Regular	0.00	500.00	30466
15205	JANE BARRETO	10/27/2017	Regular	0.00	500.00	30467
15128	JEAN FERNANDEZ	10/27/2017	Regular	0.00	500.00	30468
15100	JERRY UNGERMAN	10/27/2017	Regular	0.00	100.00	30469
15232	JOANNE MAY	10/27/2017	Regular	0.00	100.00	30470
15133	JOHANNA WHITE	10/27/2017	Regular	0.00	499.00	30471
15137	JOHN KRATCHMER	10/27/2017	Regular	0.00	100.00	30472
15238	John L. Polli	10/27/2017	Regular	0.00	499.99	30473
15140	JOHN LLOYD-JONES	10/27/2017	Regular	0.00	500.00	30474
15181	JOHN SILVESTRINI	10/27/2017	Regular	0.00	200.00	30475
15166	JOSEPH MOELLER	10/27/2017	Regular	0.00	500.00	30476
15193	JULIE SINGLETON	10/27/2017	Regular	0.00	125.00	30477
15145	KAREN EWING	10/27/2017	Regular	0.00	200.00	30478
15179	KEEBOM KANG	10/27/2017	Regular	0.00	100.00	30479
15122	KENNETH A NORTON	10/27/2017	Regular	0.00	500.00	30480
15151	KEVIN WOLF	10/27/2017	Regular	0.00	100.00	30481
15203	KIM C. WIGTON	10/27/2017	Regular	0.00	500.00	30482
15095	KING CHUN LOR	10/27/2017	Regular	0.00	100.00	30483
15211	Kristin & Daniel Cain	10/27/2017	Regular	0.00	500.00	30484
15109	KURT BUSH	10/27/2017	Regular	0.00	125.00	30485
15127	Kyle Burritt	10/27/2017	Regular	0.00	500.00	30486
15092	LADD STRNAD	10/27/2017	Regular	0.00	100.00	30487
15114	LEON GARDEN	10/27/2017	Regular	0.00	125.00	30488
15103	LINDA SATCHELL	10/27/2017	Regular	0.00	100.00	30489
15208	LOIS FROST	10/27/2017	Regular	0.00	500.00	30490
15146	LYDIA REMOND	10/27/2017	Regular	0.00	100.00	30491
15234	MANGOLD PROPERTY MANAGEMENT	10/27/2017	Regular	0.00	500.00	30492
15170	MARGARET NICOLE TESTERMAN	10/27/2017	Regular	0.00	500.00	30493
15108	MARGERY McMENAMIN	10/27/2017	Regular	0.00	125.00	30494
15217	MARILYN STRANDBERG	10/27/2017	Regular	0.00	500.00	30495
15153	MARTIN & VICKIE SCHWIRZKE	10/27/2017	Regular	0.00	100.00	30496
15186	MARTIN MOSS, MOSS WESTERN PROPERTIES LLC	10/27/2017	Regular	0.00	100.00	30497
15148	MICHAEL HENDERSON	10/27/2017	Regular	0.00	100.00	30498
15221	NANCY DAWSON	10/27/2017	Regular	0.00	500.00	30499
15129	PATRICIA BASCO	10/27/2017	Regular	0.00	500.00	30500

**EXHIBIT 12-B**

Check Report

Date Range: 10/01/2017 - 10/31/2017

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
14675	PATRICIA PADUA	10/27/2017	Regular	0.00	500.00	30501
15086	PAUL CAHALAN	10/27/2017	Regular	0.00	100.00	30502
15226	Raul Quezada	10/27/2017	Regular	0.00	500.00	30503
15088	RAYMOND A GROO TRUST	10/27/2017	Regular	0.00	200.00	30504
15171	RICHARD ABEND	10/27/2017	Regular	0.00	825.00	30505
15204	RICHARD FREITAS	10/27/2017	Regular	0.00	500.00	30506
15115	RICHARD LUNDY	10/27/2017	Regular	0.00	125.00	30507
15219	RITA WOODLIEF	10/27/2017	Regular	0.00	500.00	30508
15155	ROBERT McCLURG	10/27/2017	Regular	0.00	125.00	30509
15169	ROBERT CANETE	10/27/2017	Regular	0.00	98.00	30510
15175	ROBERT M YOUNG	10/27/2017	Regular	0.00	200.00	30511
15192	ROBERT MILLER	10/27/2017	Regular	0.00	125.00	30512
15212	Robert Ott	10/27/2017	Regular	0.00	500.00	30513
15191	ROGER O'SULLIVAN	10/27/2017	Regular	0.00	125.00	30514
15196	ROLF LANGLAND	10/27/2017	Regular	0.00	125.00	30515
15116	RONALD PETERSON	10/27/2017	Regular	0.00	625.00	30516
15206	Ryan Sawko	10/27/2017	Regular	0.00	500.00	30517
15149	SALVATORE MASTERS	10/27/2017	Regular	0.00	100.00	30518
15104	SARA HARTESVELDT	10/27/2017	Regular	0.00	125.00	30519
15087	SGD PROPERTIES LP	10/27/2017	Regular	0.00	100.00	30520
15102	Stacey Teague	10/27/2017	Regular	0.00	200.00	30521
15097	STANLEY ROGALSKY	10/27/2017	Regular	0.00	100.00	30522
15138	STEPHANIE GARDNER	10/27/2017	Regular	0.00	2,500.00	30523
15180	STEVE ANDERSON	10/27/2017	Regular	0.00	100.00	30524
15120	Steve Kahlenberg	10/27/2017	Regular	0.00	500.00	30525
15190	SUMMER HENNESSY	10/27/2017	Regular	0.00	125.00	30526
15225	TANDY JOHNSON	10/27/2017	Regular	0.00	500.00	30527
15123	TERRENCE L RUSSEY	10/27/2017	Regular	0.00	500.00	30528
14673	THEODORE KIER	10/27/2017	Regular	0.00	479.99	30529
15235	Thomas Moss	10/27/2017	Regular	0.00	500.00	30530
15099	Timothy Herbst	10/27/2017	Regular	0.00	100.00	30531
15164	TONY RIDDER	10/27/2017	Regular	0.00	500.00	30532
15163	Travis Rainey	10/27/2017	Regular	0.00	500.00	30533
15183	VERONICA M ZEBUTIS	10/27/2017	Regular	0.00	176.00	30534
15161	WARREN CHANG	10/27/2017	Regular	0.00	499.99	30535
15176	William & Vickie Grant	10/27/2017	Regular	0.00	100.00	30536
15210	WILLIAM & VICKIE GRANT	10/27/2017	Regular	0.00	500.00	30537
15094	WILLIAM FARR	10/27/2017	Regular	0.00	100.00	30538
15132	ZACH KAUFMAN	10/27/2017	Regular	0.00	500.00	30539

Bank Code REBATES-02 Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	160	160	0.00	54,738.62
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
	<b>160</b>	<b>160</b>	<b>0.00</b>	<b>54,738.62</b>

**All Bank Codes Check Summary**

<b>Payment Type</b>	<b>Payable Count</b>	<b>Payment Count</b>	<b>Discount</b>	<b>Payment</b>
Regular Checks	357	312	0.00	460,138.57
Manual Checks	0	0	0.00	0.00
Voided Checks	0	1	0.00	-28,550.00
Bank Drafts	0	0	0.00	0.00
EFT's	0	0	0.00	0.00
	<b>357</b>	<b>313</b>	<b>0.00</b>	<b>431,588.57</b>

**Fund Summary**

<b>Fund</b>	<b>Name</b>	<b>Period</b>	<b>Amount</b>
99	POOL CASH FUND	10/2017	431,588.57
			<b>431,588.57</b>





**EXHIBIT 12-C**

**Payroll Bank Transaction Report - MPWMD**



Monterey Peninsula Water Management Dist

By Payment Number

Date: 10/1/2017 - 10/31/2017

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
3285	10/13/2017	Regular	1024	Stoldt, David J	0.00	5,482.14	5,482.14
3286	10/13/2017	Regular	1025	Tavani, Arlene M	0.00	2,028.71	2,028.71
3287	10/13/2017	Regular	1044	Bennett, Corryn D	0.00	1,562.16	1,562.16
3288	10/13/2017	Regular	1006	Dudley, Mark A	0.00	2,732.62	2,732.62
3289	10/13/2017	Regular	1039	Flores, Elizabeth	0.00	1,803.69	1,803.69
3290	10/13/2017	Regular	1018	Prasad, Suresh	0.00	3,912.01	3,912.01
3291	10/13/2017	Regular	1019	Reyes, Sara C	0.00	1,750.05	1,750.05
3292	10/13/2017	Regular	1002	Bekker, Mark	0.00	1,822.01	1,822.01
3293	10/13/2017	Regular	1005	Christensen, Thomas T	0.00	3,069.86	3,069.86
3294	10/13/2017	Regular	1042	Hamilton, Maureen C.	0.00	2,912.75	2,912.75
3295	10/13/2017	Regular	1008	Hampson, Larry M	0.00	2,967.57	2,967.57
3296	10/13/2017	Regular	1009	James, Gregory W	0.00	3,230.09	3,230.09
3297	10/13/2017	Regular	1011	Lear, Jonathan P	0.00	3,561.14	3,561.14
3298	10/13/2017	Regular	1012	Lindberg, Thomas L	0.00	2,298.85	2,298.85
3299	10/13/2017	Regular	1013	Lyons, Matthew J	0.00	1,699.37	1,699.37
3300	10/13/2017	Regular	1023	Stern, Henrietta L	0.00	329.78	329.78
3301	10/13/2017	Regular	6028	Atkins, Daniel N	0.00	977.52	977.52
3302	10/13/2017	Regular	6035	Besson, Jordan C.	0.00	882.34	882.34
3303	10/13/2017	Regular	1004	Chaney, Beverly M	0.00	2,380.49	2,380.49
3304	10/13/2017	Regular	1007	Hamilton, Cory R	0.00	2,139.98	2,139.98
3305	10/13/2017	Regular	6013	Malloway, Joshua R	0.00	190.02	190.02
3306	10/13/2017	Regular	6041	Rachman, Alixandra P	0.00	920.77	920.77
3307	10/13/2017	Regular	1043	Suwada, Joseph	0.00	1,641.72	1,641.72
3308	10/13/2017	Regular	1026	Urquhart, Kevan A	0.00	2,156.73	2,156.73
3309	10/13/2017	Regular	1001	Ayala, Gabriela D	0.00	2,273.25	2,273.25
3310	10/13/2017	Regular	1041	Gonnerman, Maryan C	0.00	1,820.68	1,820.68
3311	10/13/2017	Regular	1010	Kister, Stephanie L	0.00	2,478.67	2,478.67
3312	10/13/2017	Regular	1017	Locke, Stephanie L	0.00	3,323.24	3,323.24
3313	10/13/2017	Regular	1014	Martin, Debra S	0.00	2,474.71	2,474.71
3314	10/13/2017	Regular	1040	Smith, Kyle	0.00	1,860.82	1,860.82
3315	10/25/2017	Regular	7015	Adams, Mary L	0.00	120.02	120.02
3316	10/25/2017	Regular	7013	Clarke, Andrew	0.00	533.45	533.45
3317	10/25/2017	Regular	7014	Evans, Molly F	0.00	366.79	366.79
3318	10/25/2017	Regular	7003	Lewis, Brenda	0.00	246.76	246.76
3319	10/27/2017	Regular	1024	Stoldt, David J	0.00	5,482.14	5,482.14
3320	10/27/2017	Regular	1025	Tavani, Arlene M	0.00	2,028.72	2,028.72
3321	10/27/2017	Regular	1044	Bennett, Corryn D	0.00	1,562.16	1,562.16
3322	10/27/2017	Regular	1006	Dudley, Mark A	0.00	2,732.62	2,732.62
3323	10/27/2017	Regular	1039	Flores, Elizabeth	0.00	1,992.52	1,992.52
3324	10/27/2017	Regular	1018	Prasad, Suresh	0.00	3,912.01	3,912.01
3325	10/27/2017	Regular	1019	Reyes, Sara C	0.00	1,750.05	1,750.05
3326	10/27/2017	Regular	1002	Bekker, Mark	0.00	1,822.01	1,822.01
3327	10/27/2017	Regular	1005	Christensen, Thomas T	0.00	3,069.86	3,069.86
3328	10/27/2017	Regular	1042	Hamilton, Maureen C.	0.00	2,912.74	2,912.74
3329	10/27/2017	Regular	1008	Hampson, Larry M	0.00	2,967.57	2,967.57
3330	10/27/2017	Regular	1009	James, Gregory W	0.00	3,230.09	3,230.09
3331	10/27/2017	Regular	1011	Lear, Jonathan P	0.00	3,561.14	3,561.14
3332	10/27/2017	Regular	1012	Lindberg, Thomas L	0.00	2,298.85	2,298.85
3333	10/27/2017	Regular	1013	Lyons, Matthew J	0.00	1,699.37	1,699.37
3334	10/27/2017	Regular	1023	Stern, Henrietta L	0.00	363.61	363.61
3335	10/27/2017	Regular	6028	Atkins, Daniel N	0.00	933.75	933.75
3336	10/27/2017	Regular	6035	Besson, Jordan C.	0.00	795.52	795.52
3337	10/27/2017	Regular	1004	Chaney, Beverly M	0.00	2,380.50	2,380.50
3338	10/27/2017	Regular	1007	Hamilton, Cory R	0.00	2,139.97	2,139.97
3339	10/27/2017	Regular	6041	Rachman, Alixandra P	0.00	792.88	792.88
3340	10/27/2017	Regular	1043	Suwada, Joseph	0.00	1,641.72	1,641.72
3341	10/27/2017	Regular	1026	Urquhart, Kevan A	0.00	2,156.74	2,156.74



**EXHIBIT 12-C**

<b>Payment Number</b>	<b>Payment Date</b>	<b>Payment Type</b>	<b>Employee Number</b>	<b>Employee Name</b>	<b>Check Amount</b>	<b>Direct Deposit Amount</b>	<b>Total Payment</b>
3342	10/27/2017	Regular	1001	Ayala, Gabriela D	0.00	2,273.25	2,273.25
3343	10/27/2017	Regular	1041	Gonnerman, Maryan C	0.00	1,820.68	1,820.68
3344	10/27/2017	Regular	1010	Kister, Stephanie L	0.00	2,478.67	2,478.67
3345	10/27/2017	Regular	1017	Locke, Stephanie L	0.00	3,323.24	3,323.24
3346	10/27/2017	Regular	1014	Martin, Debra S	0.00	2,474.71	2,474.71
3347	10/27/2017	Regular	1040	Smith, Kyle	0.00	1,860.82	1,860.82
30377	10/25/2017	Regular	7006	Brower, Sr., Robert S	374.02	0.00	374.02
30378	10/25/2017	Regular	7007	Byrne, Jeannie	374.02	0.00	374.02
30379	10/25/2017	Regular	7016	Rubio, Ralph S	249.34	0.00	249.34
<b>Totals:</b>					<b>997.38</b>	<b>134,408.67</b>	<b>135,406.05</b>





Monterey Peninsula Water Management Dist

# Bank Transaction Report

## Transaction Detail

Issued Date Range: 10/01/2017 - 10/31/2017

Cleared Date Range: -

Issued Date	Cleared Date	Number	Description	Module	Status	Type	Amount
<b>Bank Account: 111 - Bank of America Checking - 0000 8170 8210</b>							
10/02/2017	10/31/2017	<a href="#">DFT0000998</a>	PERS Retirement	Accounts Payable	Cleared	Bank Draft	-15,286.38
10/05/2017	10/31/2017	<a href="#">DFT0000999</a>	Laborers Trust Fund of Northern CA	Accounts Payable	Cleared	Bank Draft	-28,550.00
10/13/2017	10/31/2017	<a href="#">DFT0001001</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-13,087.91
10/13/2017	10/31/2017	<a href="#">DFT0001002</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-2,767.92
10/13/2017	10/31/2017	<a href="#">DFT0001003</a>	Employment Development Dept.	Accounts Payable	Cleared	Bank Draft	-4,469.74
10/13/2017	10/31/2017	<a href="#">DFT0001004</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-516.94
10/16/2017	10/31/2017	<a href="#">SVC0000129</a>	10/2017 To Post Bank Service Charge	General Ledger	Cleared	Service Charge	-313.34
10/20/2017		<a href="#">DFT0001005</a>	Goodin,MacBride,Squeri,Day,Lamprey	Accounts Payable	Outstanding	Bank Draft	-5,145.95
10/20/2017		<a href="#">DFT0001006</a>	Goodin,MacBride,Squeri,Day,Lamprey	Accounts Payable	Outstanding	Bank Draft Reversal	396.00
10/20/2017		<a href="#">DFT0001007</a>	Goodin,MacBride,Squeri,Day,Lamprey	Accounts Payable	Outstanding	Bank Draft Reversal	11,450.80
10/25/2017	10/31/2017	<a href="#">DFT0001009</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-98.69
10/25/2017	10/31/2017	<a href="#">DFT0001010</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-74.40
10/25/2017	10/31/2017	<a href="#">DFT0001011</a>	Employment Development Dept.	Accounts Payable	Cleared	Bank Draft	-5.68
10/25/2017	10/31/2017	<a href="#">DFT0001012</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-318.06
10/25/2017	10/31/2017	<a href="#">DFT0001018</a>	Laborers Trust Fund of Northern CA	Accounts Payable	Cleared	Bank Draft	-28,550.00
10/27/2017	10/31/2017	<a href="#">DFT0001014</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-13,106.51
10/27/2017	10/31/2017	<a href="#">DFT0001015</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-2,762.00
10/27/2017	10/31/2017	<a href="#">DFT0001016</a>	Employment Development Dept.	Accounts Payable	Cleared	Bank Draft	-4,487.30
10/27/2017	10/31/2017	<a href="#">DFT0001017</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-451.96
10/27/2017	11/30/2017	<a href="#">DFT0001020</a>	SHELL	Accounts Payable	Cleared	Bank Draft	-731.97
10/30/2017	11/30/2017	<a href="#">DFT0001021</a>	PERS Retirement	Accounts Payable	Cleared	Bank Draft	-15,286.37
<b>Bank Account 111 Total: (21)</b>							<b>-124,164.32</b>
<b>Report Total: (21)</b>							<b>-124,164.32</b>



**EXHIBIT 12-D**

**Bank Transaction Report**

**Summary**

<b>Bank Account</b>	<b>Count</b>	<b>Amount</b>
<a href="#">111 Bank of America Checking - 0000 8170 8210</a>	21	-124,164.32
<b>Report Total:</b>	<b>21</b>	<b>-124,164.32</b>

<b>Cash Account</b>	<b>Count</b>	<b>Amount</b>
<a href="#">99 99-10-100100 Pool Cash Account</a>	21	-124,164.32
<b>Report Total:</b>	<b>21</b>	<b>-124,164.32</b>

<b>Transaction Type</b>	<b>Count</b>	<b>Amount</b>
Bank Draft	18	-135,697.78
Bank Draft Reversal	2	11,846.80
Service Charge	1	-313.34
<b>Report Total:</b>	<b>21</b>	<b>-124,164.32</b>







Monterey Peninsula Water Management Dist

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

For Fiscal: 2017-2018 Period Ending: 10/31/2017

Level...	October Activity	October Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
<b>Revenue</b>								
R100 - Water Supply Charge	0	283,220	-283,220	0.00 %	0	3,400,000	-3,400,000	0.00 %
R120 - Property Taxes Revenues	0	145,775	-145,775	0.00 %	0	1,750,000	-1,750,000	0.00 %
R130 - User Fees	515,293	285,303	229,991	-180.61 %	1,057,143	3,425,000	-2,367,857	-30.87 %
R140 - Connection Charges	25,358	20,825	4,533	-121.77 %	149,137	250,000	-100,863	-59.65 %
R150 - Permit Processing Fee	22,157	14,578	7,580	-151.99 %	79,694	175,000	-95,306	-45.54 %
R160 - Well Registration Fee	500	0	500	0.00 %	900	0	900	0.00 %
R180 - River Work Permit Application	25	0	25	0.00 %	25	0	25	0.00 %
R190 - WDS Permits Rule 21	600	4,665	-4,065	-12.86 %	4,200	56,000	-51,800	-7.50 %
R200 - Recording Fees	771	800	-29	-96.41 %	3,489	9,600	-6,111	-36.34 %
R210 - Legal Fees	207	1,333	-1,126	-15.53 %	1,128	16,000	-14,872	-7.05 %
R220 - Copy Fee	0	0	0	0.00 %	40	0	40	0.00 %
R230 - Miscellaneous - Other	0	1,666	-1,666	0.00 %	226	20,000	-19,774	-1.13 %
R250 - Interest Income	7,396	1,666	5,730	-443.94 %	7,206	20,000	-12,794	-36.03 %
R260 - CAW - ASR	0	52,929	-52,929	0.00 %	0	635,400	-635,400	0.00 %
R265 - CAW - Los Padres Reimbursement	0	43,733	-43,733	0.00 %	0	525,000	-525,000	0.00 %
R270 - CAW - Rebates	65,292	41,650	23,642	-156.76 %	153,879	500,000	-346,121	-30.78 %
R290 - CAW - Miscellaneous	0	2,582	-2,582	0.00 %	0	31,000	-31,000	0.00 %
R300 - Watermaster	0	6,214	-6,214	0.00 %	18,805	74,600	-55,795	-25.21 %
R308 - Reclamation Project	0	1,666	-1,666	0.00 %	0	20,000	-20,000	0.00 %
R310 - Other Reimbursements	0	2,441	-2,441	0.00 %	0	29,300	-29,300	0.00 %
R320 - Grants	0	104,125	-104,125	0.00 %	0	1,250,000	-1,250,000	0.00 %
R510 - Operating Reserve	0	71,130	-71,130	0.00 %	0	853,900	-853,900	0.00 %
<b>Total Revenue:</b>	<b>637,599</b>	<b>1,086,299</b>	<b>-448,700</b>	<b>-58.69 %</b>	<b>1,475,872</b>	<b>13,040,800</b>	<b>-11,564,928</b>	<b>-11.32 %</b>



**EXHIBIT 12-E**

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

**For Fiscal: 2017-2018 Period Ending: 10/31/2017**

Level...	October Activity	October Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
<b>Expense</b>								
<b>Level1: 100 - Personnel Costs</b>								
1100 - Salaries & Wages	193,408	208,417	15,008	92.80 %	770,102	2,502,000	1,731,898	30.78 %
1110 - Manager's Auto Allowance	462	500	38	92.34 %	462	6,000	5,538	7.69 %
1120 - Manager's Deferred Comp	677	700	23	96.74 %	677	8,400	7,723	8.06 %
1130 - Unemployment Compensation	0	250	250	0.00 %	0	3,000	3,000	0.00 %
1150 - Temporary Personnel	4,256	3,915	-341	108.71 %	21,448	47,000	25,552	45.63 %
1160 - PERS Retirement	18,998	37,443	18,445	50.74 %	316,701	449,500	132,799	70.46 %
1170 - Medical Insurance	27,250	27,531	280	98.98 %	106,288	330,500	224,212	32.16 %
1180 - Medical Insurance - Retirees	6,213	6,747	534	92.08 %	31,801	81,000	49,199	39.26 %
1190 - Workers Compensation	3,946	4,240	294	93.07 %	17,341	50,900	33,559	34.07 %
1200 - Life Insurance	378	450	72	84.03 %	1,125	5,400	4,275	20.83 %
1210 - Long Term Disability Insurance	1,151	1,200	49	95.95 %	4,531	14,400	9,869	31.47 %
1220 - Short Term Disability Insurance	228	275	46	83.11 %	899	3,300	2,401	27.25 %
1230 - Other Benefits	0	100	100	0.00 %	85	1,200	1,115	7.08 %
1260 - Employee Assistance Program	59	125	66	47.02 %	229	1,500	1,271	15.28 %
1270 - FICA Tax Expense	627	566	-60	110.65 %	2,164	6,800	4,636	31.82 %
1280 - Medicare Tax Expense	2,798	3,107	309	90.06 %	12,415	37,300	24,885	33.28 %
1290 - Staff Development & Training	79	3,074	2,995	2.57 %	4,528	36,900	32,372	12.27 %
1300 - Conference Registration	555	283	-272	195.96 %	1,781	3,400	1,619	52.40 %
1310 - Professional Dues	873	258	-615	338.07 %	1,091	3,100	2,009	35.18 %
1320 - Personnel Recruitment	0	167	167	0.00 %	182	2,000	1,818	9.10 %
<b>Total Level1: 100 - Personnel Costs:</b>	<b>261,959</b>	<b>299,347</b>	<b>37,388</b>	<b>87.51 %</b>	<b>1,293,851</b>	<b>3,593,600</b>	<b>2,299,749</b>	<b>36.00 %</b>
<b>Level1: 200 - Supplies and Services</b>								
2000 - Board Member Compensation	2,295	3,782	1,487	60.69 %	8,640	45,400	36,760	19.03 %
2020 - Board Expenses	1,758	666	-1,092	263.86 %	1,788	8,000	6,212	22.35 %
2040 - Rent	1,824	1,933	109	94.38 %	7,657	23,200	15,543	33.00 %
2060 - Utilities	2,638	3,232	594	81.62 %	11,663	38,800	27,137	30.06 %
2120 - Insurance Expense	304	3,749	3,445	8.10 %	304	45,000	44,696	0.67 %
2130 - Membership Dues	12,296	2,882	-9,414	426.62 %	15,046	34,600	19,554	43.49 %
2140 - Bank Charges	379	333	-46	113.66 %	1,539	4,000	2,461	38.47 %
2150 - Office Supplies	1,099	1,716	616	64.07 %	4,399	20,600	16,201	21.35 %
2160 - Courier Expense	467	675	208	69.21 %	1,773	8,100	6,327	21.89 %
2170 - Printing/Photocopy	0	783	783	0.00 %	349	9,400	9,051	3.71 %
2180 - Postage & Shipping	73	533	460	13.63 %	2,365	6,400	4,035	36.96 %
2190 - IT Supplies/Services	1,225	8,330	7,105	14.70 %	48,213	100,000	51,787	48.21 %
2200 - Professional Fees	20,954	29,280	8,326	71.56 %	86,198	351,500	265,302	24.52 %
2220 - Equipment Repairs & Maintenance	1,122	625	-497	179.55 %	1,988	7,500	5,512	26.50 %
2235 - Equipment Lease	1,034	1,166	132	88.69 %	4,281	14,000	9,719	30.58 %
2240 - Telephone	4,111	3,798	-312	108.22 %	13,978	45,600	31,622	30.65 %
2260 - Facility Maintenance	3,312	3,565	254	92.88 %	10,861	42,800	31,939	25.38 %
2270 - Travel Expenses	1,719	2,882	1,163	59.66 %	4,805	34,600	29,795	13.89 %



**EXHIBIT 12-E**

97

**Statement of Revenue Over Expense - No Decimals****For Fiscal: 2017-2018 Period Ending: 10/31/2017**

Level...	October Activity	October Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
2280 - Transportation	4,204	2,216	-1,988	189.73 %	10,670	26,600	15,930	40.11 %
2300 - Legal Services	10,943	33,320	22,377	32.84 %	43,283	400,000	356,717	10.82 %
2380 - Meeting Expenses	252	533	281	47.29 %	844	6,400	5,556	13.19 %
2420 - Legal Notices	0	308	308	0.00 %	0	3,700	3,700	0.00 %
2460 - Public Outreach	273	3,807	3,534	7.18 %	1,393	45,700	44,307	3.05 %
2480 - Miscellaneous	0	250	250	0.00 %	0	3,000	3,000	0.00 %
2500 - Tax Administration Fee	0	1,666	1,666	0.00 %	0	20,000	20,000	0.00 %
2900 - Operating Supplies	1,238	1,599	361	77.40 %	4,208	19,200	14,992	21.91 %
<b>Total Level1: 200 - Supplies and Services:</b>	<b>73,520</b>	<b>113,630</b>	<b>40,110</b>	<b>64.70 %</b>	<b>286,245</b>	<b>1,364,100</b>	<b>1,077,855</b>	<b>20.98 %</b>
<b>Level1: 300 - Other Expenses</b>								
3000 - Project Expenses	252,540	536,968	284,429	47.03 %	892,193	6,446,200	5,554,007	13.84 %
4000 - Fixed Asset Purchases	0	72,254	72,254	0.00 %	8,483	867,400	858,918	0.98 %
5000 - Debt Service	0	19,159	19,159	0.00 %	0	230,000	230,000	0.00 %
5500 - Election Expenses	0	0	0	0.00 %	6,863	0	-6,863	0.00 %
6000 - Contingencies	0	6,248	6,248	0.00 %	0	75,000	75,000	0.00 %
6500 - Reserves	0	38,693	38,693	0.00 %	0	464,500	464,500	0.00 %
<b>Total Level1: 300 - Other Expenses:</b>	<b>252,540</b>	<b>673,322</b>	<b>420,782</b>	<b>37.51 %</b>	<b>907,538</b>	<b>8,083,100</b>	<b>7,175,562</b>	<b>11.23 %</b>
<b>Total Expense:</b>	<b>588,018</b>	<b>1,086,299</b>	<b>498,280</b>	<b>54.13 %</b>	<b>2,487,634</b>	<b>13,040,800</b>	<b>10,553,166</b>	<b>19.08 %</b>
<b>Report Total:</b>	<b>49,580</b>	<b>0</b>	<b>49,580</b>		<b>-1,011,763</b>	<b>0</b>	<b>-1,011,763</b>	



**EXHIBIT 12-E**

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

**For Fiscal: 2017-2018 Period Ending: 10/31/2017**

**Fund Summary**

<b>Fund</b>	<b>October Activity</b>	<b>October Budget</b>	<b>Variance Favorable (Unfavorable)</b>	<b>Percent Used</b>	<b>YTD Activity</b>	<b>Total Budget</b>	<b>Variance Favorable (Unfavorable)</b>	<b>Percent Used</b>
24 - MITIGATION FUND	136,490	0	136,490		-165,386	0	-165,386	
26 - CONSERVATION FUND	76,478	0	76,478		-136,766	0	-136,766	
35 - WATER SUPPLY FUND	-163,388	0	-163,389		-709,610	0	-709,610	
<b>Report Total:</b>	<b>49,580</b>	<b>0.02</b>	<b>49,580</b>		<b>-1,011,763</b>	<b>0</b>	<b>-1,011,763</b>	







Monterey Peninsula Water Management Dist

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

For Fiscal: 2017-2018 Period Ending: 10/31/2017

Level...	October Activity	October Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
<b>Fund: 24 - MITIGATION FUND</b>								
<b>Revenue</b>								
R120 - Property Taxes Revenues	0	54,645	-54,645	0.00 %	0	656,000	-656,000	0.00 %
R130 - User Fees	295,558	192,215	103,344	-153.76 %	610,131	2,307,500	-1,697,369	-26.44 %
R160 - Well Registration Fee	500	0	500	0.00 %	900	0	900	0.00 %
R180 - River Work Permit Application	25	0	25	0.00 %	25	0	25	0.00 %
R190 - WDS Permits Rule 21	600	4,665	-4,065	-12.86 %	4,200	56,000	-51,800	-7.50 %
R230 - Miscellaneous - Other	0	833	-833	0.00 %	0	10,000	-10,000	0.00 %
R250 - Interest Income	1,776	208	1,568	-853.00 %	991	2,500	-1,509	-39.66 %
R290 - CAW - Miscellaneous	0	633	-633	0.00 %	0	7,600	-7,600	0.00 %
R310 - Other Reimbursements	0	2,357	-2,357	0.00 %	0	28,300	-28,300	0.00 %
R320 - Grants	0	79,135	-79,135	0.00 %	0	950,000	-950,000	0.00 %
R510 - Operating Reserve	0	8,538	-8,538	0.00 %	0	102,500	-102,500	0.00 %
<b>Total Revenue:</b>	<b>298,460</b>	<b>343,229</b>	<b>-44,769</b>	<b>-86.96 %</b>	<b>616,247</b>	<b>4,120,400</b>	<b>-3,504,153</b>	<b>-14.96 %</b>



**EXHIBIT 12-E**

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

**For Fiscal: 2017-2018 Period Ending: 10/31/2017**

Level...	October Activity	October Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
<b>Expense</b>								
<b>Level1: 100 - Personnel Costs</b>								
1100 - Salaries & Wages	77,457	82,034	4,576	94.42 %	313,217	984,800	671,583	31.81 %
1110 - Manager's Auto Allowance	92	100	8	92.34 %	92	1,200	1,108	7.69 %
1120 - Manager's Deferred Comp	135	142	6	95.60 %	135	1,700	1,565	7.96 %
1130 - Unemployment Compensation	0	100	100	0.00 %	0	1,200	1,200	0.00 %
1150 - Temporary Personnel	0	67	67	0.00 %	2,927	800	-2,127	365.92 %
1160 - PERS Retirement	7,788	15,627	7,839	49.83 %	133,730	187,600	53,870	71.28 %
1170 - Medical Insurance	11,150	11,204	54	99.52 %	43,760	134,500	90,740	32.54 %
1180 - Medical Insurance - Retirees	2,485	2,699	214	92.08 %	12,800	32,400	19,600	39.51 %
1190 - Workers Compensation	2,463	2,499	36	98.58 %	10,846	30,000	19,154	36.15 %
1200 - Life Insurance	172	200	28	85.95 %	516	2,400	1,884	21.50 %
1210 - Long Term Disability Insurance	470	483	13	97.33 %	1,876	5,800	3,924	32.35 %
1220 - Short Term Disability Insurance	93	108	15	86.21 %	372	1,300	928	28.65 %
1230 - Other Benefits	0	42	42	0.00 %	34	500	466	6.80 %
1260 - Employee Assistance Program	24	50	26	48.22 %	95	600	505	15.78 %
1270 - FICA Tax Expense	525	242	-284	217.50 %	1,751	2,900	1,149	60.38 %
1280 - Medicare Tax Expense	1,206	1,216	10	99.15 %	5,321	14,600	9,279	36.44 %
1290 - Staff Development & Training	0	991	991	0.00 %	1,960	11,900	9,940	16.47 %
1300 - Conference Registration	222	117	-105	190.36 %	713	1,400	687	50.90 %
1310 - Professional Dues	72	67	-5	107.44 %	289	800	511	36.17 %
1320 - Personnel Recruitment	0	67	67	0.00 %	73	800	727	9.10 %
<b>Total Level1: 100 - Personnel Costs:</b>	<b>104,356</b>	<b>118,053</b>	<b>13,697</b>	<b>88.40 %</b>	<b>530,509</b>	<b>1,417,200</b>	<b>886,691</b>	<b>37.43 %</b>
<b>Level1: 200 - Supplies and Services</b>								
2000 - Board Member Compensation	918	1,516	598	60.55 %	3,456	18,200	14,744	18.99 %
2020 - Board Expenses	703	267	-437	263.85 %	715	3,200	2,485	22.35 %
2040 - Rent	834	883	49	94.46 %	3,481	10,600	7,119	32.84 %
2060 - Utilities	1,062	1,299	238	81.72 %	4,693	15,600	10,907	30.08 %
2120 - Insurance Expense	121	1,499	1,378	8.10 %	121	18,000	17,879	0.67 %
2130 - Membership Dues	4,798	908	-3,890	528.48 %	5,102	10,900	5,799	46.80 %
2140 - Bank Charges	151	133	-18	113.66 %	726	1,600	874	45.40 %
2150 - Office Supplies	440	675	235	65.18 %	1,760	8,100	6,340	21.72 %
2160 - Courier Expense	187	267	80	70.08 %	709	3,200	2,491	22.16 %
2170 - Printing/Photocopy	0	150	150	0.00 %	0	1,800	1,800	0.00 %
2180 - Postage & Shipping	29	217	188	13.42 %	946	2,600	1,654	36.39 %
2190 - IT Supplies/Services	490	3,332	2,842	14.70 %	18,621	40,000	21,379	46.55 %
2200 - Professional Fees	8,422	11,712	3,290	71.91 %	33,334	140,600	107,266	23.71 %
2220 - Equipment Repairs & Maintenance	449	250	-199	179.55 %	795	3,000	2,205	26.50 %
2235 - Equipment Lease	445	466	22	95.34 %	1,841	5,600	3,759	32.88 %
2240 - Telephone	1,731	1,516	-215	114.15 %	5,983	18,200	12,217	32.87 %
2260 - Facility Maintenance	1,339	1,449	110	92.39 %	4,393	17,400	13,007	25.25 %
2270 - Travel Expenses	493	791	299	62.26 %	893	9,500	8,607	9.40 %



**EXHIBIT 12-E****Statement of Revenue Over Expense - No Decimals**

For Fiscal: 2017-2018 Period Ending: 10/31/2017

Level...	October Activity	October Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
2280 - Transportation	4,026	858	-3,168	469.20 %	9,847	10,300	453	95.60 %
2300 - Legal Services	-4,396	10,662	15,059	-41.23 %	4,247	128,000	123,753	3.32 %
2380 - Meeting Expenses	101	200	99	50.45 %	308	2,400	2,092	12.85 %
2420 - Legal Notices	0	133	133	0.00 %	0	1,600	1,600	0.00 %
2460 - Public Outreach	29	1,524	1,495	1.92 %	429	18,300	17,871	2.34 %
2480 - Miscellaneous	0	100	100	0.00 %	0	1,200	1,200	0.00 %
2500 - Tax Administration Fee	0	483	483	0.00 %	0	5,800	5,800	0.00 %
2900 - Operating Supplies	37	183	146	20.45 %	37	2,200	2,163	1.70 %
<b>Total Level1: 200 - Supplies and Services:</b>	<b>22,409</b>	<b>41,475</b>	<b>19,066</b>	<b>54.03 %</b>	<b>102,438</b>	<b>497,900</b>	<b>395,462</b>	<b>20.57 %</b>
<b>Level1: 300 - Other Expenses</b>								
3000 - Project Expenses	35,205	149,199	113,994	23.60 %	142,548	1,791,100	1,648,552	7.96 %
4000 - Fixed Asset Purchases	0	16,443	16,443	0.00 %	3,393	197,400	194,007	1.72 %
5500 - Election Expenses	0	0	0	0.00 %	2,745	0	-2,745	0.00 %
6000 - Contingencies	0	2,499	2,499	0.00 %	0	30,000	30,000	0.00 %
6500 - Reserves	0	15,560	15,560	0.00 %	0	186,800	186,800	0.00 %
<b>Total Level1: 300 - Other Expenses:</b>	<b>35,205</b>	<b>183,701</b>	<b>148,497</b>	<b>19.16 %</b>	<b>148,686</b>	<b>2,205,300</b>	<b>2,056,614</b>	<b>6.74 %</b>
<b>Total Expense:</b>	<b>161,969</b>	<b>343,229</b>	<b>181,260</b>	<b>47.19 %</b>	<b>781,633</b>	<b>4,120,400</b>	<b>3,338,767</b>	<b>18.97 %</b>
<b>Total Revenues</b>	<b>298,460</b>	<b>343,229</b>	<b>-44,769</b>	<b>-86.96 %</b>	<b>616,247</b>	<b>4,120,400</b>	<b>-3,504,153</b>	<b>-14.96 %</b>
<b>Total Fund: 24 - MITIGATION FUND:</b>	<b>136,490</b>	<b>0</b>	<b>136,490</b>		<b>-165,386</b>	<b>0</b>	<b>-165,386</b>	



**EXHIBIT 12-E**

107

**Statement of Revenue Over Expense - No Decimals****For Fiscal: 2017-2018 Period Ending: 10/31/2017**

Level...	October Activity	October Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
<b>Fund: 26 - CONSERVATION FUND</b>								
<b>Revenue</b>								
R120 - Property Taxes Revenues	0	88,398	-88,398	0.00 %	0	1,061,200	-1,061,200	0.00 %
R130 - User Fees	145,458	93,088	52,370	-156.26 %	225,052	1,117,500	-892,448	-20.14 %
R150 - Permit Processing Fee	22,157	14,578	7,580	-151.99 %	79,694	175,000	-95,306	-45.54 %
R200 - Recording Fees	771	800	-29	-96.41 %	3,489	9,600	-6,111	-36.34 %
R210 - Legal Fees	207	1,333	-1,126	-15.53 %	1,128	16,000	-14,872	-7.05 %
R250 - Interest Income	2,294	292	2,003	-786.91 %	3,425	3,500	-75	-97.86 %
R270 - CAW - Rebates	65,292	41,650	23,642	-156.76 %	153,879	500,000	-346,121	-30.78 %
R320 - Grants	0	18,326	-18,326	0.00 %	0	220,000	-220,000	0.00 %
R510 - Operating Reserve	0	200	-200	0.00 %	0	2,400	-2,400	0.00 %
<b>Total Revenue:</b>	<b>236,179</b>	<b>258,663</b>	<b>-22,484</b>	<b>-91.31 %</b>	<b>466,667</b>	<b>3,105,200</b>	<b>-2,638,533</b>	<b>-15.03 %</b>





**EXHIBIT 12-E**

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

For Fiscal: 2017-2018 Period Ending: 10/31/2017

Level...	October Activity	October Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
<b>Expense</b>								
<b>Level1: 100 - Personnel Costs</b>								
1100 - Salaries & Wages	45,437	53,662	8,224	84.67 %	184,186	644,200	460,014	28.59 %
1110 - Manager's Auto Allowance	92	100	8	92.34 %	92	1,200	1,108	7.69 %
1120 - Manager's Deferred Comp	135	142	6	95.60 %	135	1,700	1,565	7.96 %
1130 - Unemployment Compensation	0	67	67	0.00 %	0	800	800	0.00 %
1150 - Temporary Personnel	4,256	3,798	-458	112.04 %	16,179	45,600	29,421	35.48 %
1160 - PERS Retirement	4,252	8,747	4,495	48.61 %	70,109	105,000	34,891	66.77 %
1170 - Medical Insurance	6,977	7,597	620	91.83 %	27,011	91,200	64,189	29.62 %
1180 - Medical Insurance - Retirees	1,740	1,891	151	92.00 %	8,865	22,700	13,835	39.05 %
1190 - Workers Compensation	174	225	50	77.56 %	776	2,700	1,924	28.72 %
1200 - Life Insurance	85	100	15	85.43 %	253	1,200	947	21.10 %
1210 - Long Term Disability Insurance	282	325	42	86.93 %	1,109	3,900	2,791	28.43 %
1220 - Short Term Disability Insurance	56	75	19	74.88 %	220	900	680	24.48 %
1230 - Other Benefits	0	25	25	0.00 %	24	300	276	7.93 %
1260 - Employee Assistance Program	15	33	18	45.26 %	58	400	342	14.60 %
1270 - FICA Tax Expense	40	83	43	47.83 %	150	1,000	850	15.00 %
1280 - Medicare Tax Expense	658	800	142	82.23 %	2,938	9,600	6,662	30.61 %
1290 - Staff Development & Training	79	1,191	1,112	6.63 %	2,360	14,300	11,940	16.51 %
1300 - Conference Registration	155	67	-89	233.19 %	499	800	301	62.35 %
1310 - Professional Dues	744	125	-619	595.53 %	744	1,500	756	49.61 %
1320 - Personnel Recruitment	0	50	50	0.00 %	51	600	549	8.49 %
<b>Total Level1: 100 - Personnel Costs:</b>	<b>65,178</b>	<b>79,102</b>	<b>13,923</b>	<b>82.40 %</b>	<b>315,760</b>	<b>949,600</b>	<b>633,840</b>	<b>33.25 %</b>
<b>Level1: 200 - Supplies and Services</b>								
2000 - Board Member Compensation	643	1,058	415	60.74 %	2,419	12,700	10,281	19.05 %
2020 - Board Expenses	492	183	-309	268.65 %	501	2,200	1,699	22.76 %
2040 - Rent	218	233	15	93.52 %	973	2,800	1,827	34.77 %
2060 - Utilities	720	883	163	81.53 %	3,191	10,600	7,409	30.11 %
2120 - Insurance Expense	85	1,050	965	8.10 %	85	12,600	12,515	0.67 %
2130 - Membership Dues	3,659	1,250	-2,409	292.83 %	5,867	15,000	9,133	39.12 %
2140 - Bank Charges	106	92	-14	115.74 %	330	1,100	771	29.95 %
2150 - Office Supplies	308	491	184	62.64 %	1,232	5,900	4,668	20.88 %
2160 - Courier Expense	131	192	61	68.25 %	496	2,300	1,804	21.58 %
2170 - Printing/Photocopy	0	508	508	0.00 %	0	6,100	6,100	0.00 %
2180 - Postage & Shipping	20	142	121	14.36 %	662	1,700	1,038	38.96 %
2190 - IT Supplies/Services	343	2,332	1,989	14.70 %	13,019	28,000	14,981	46.50 %
2200 - Professional Fees	5,847	8,197	2,350	71.33 %	23,268	98,400	75,132	23.65 %
2220 - Equipment Repairs & Maintenance	314	175	-139	179.55 %	557	2,100	1,543	26.50 %
2235 - Equipment Lease	248	325	77	76.41 %	1,040	3,900	2,860	26.66 %
2240 - Telephone	1,102	1,016	-86	108.42 %	3,707	12,200	8,493	30.39 %
2260 - Facility Maintenance	920	933	13	98.61 %	3,017	11,200	8,183	26.93 %
2270 - Travel Expenses	410	1,416	1,006	28.94 %	1,612	17,000	15,388	9.48 %



**EXHIBIT 12-E**

111

**Statement of Revenue Over Expense - No Decimals****For Fiscal: 2017-2018 Period Ending: 10/31/2017**

Level...	October Activity	October Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
2280 - Transportation	77	500	423	15.38 %	410	6,000	5,590	6.83 %
2300 - Legal Services	2,600	5,998	3,398	43.35 %	8,840	72,000	63,160	12.28 %
2380 - Meeting Expenses	73	175	102	41.86 %	262	2,100	1,838	12.50 %
2420 - Legal Notices	0	58	58	0.00 %	0	700	700	0.00 %
2460 - Public Outreach	120	1,066	946	11.30 %	472	12,800	12,328	3.69 %
2480 - Miscellaneous	0	67	67	0.00 %	0	800	800	0.00 %
2500 - Tax Administration Fee	0	475	475	0.00 %	0	5,700	5,700	0.00 %
2900 - Operating Supplies	1,186	1,266	80	93.70 %	4,156	15,200	11,044	27.34 %
<b>Total Level1: 200 - Supplies and Services:</b>	<b>19,623</b>	<b>30,080</b>	<b>10,457</b>	<b>65.24 %</b>	<b>76,118</b>	<b>361,100</b>	<b>284,982</b>	<b>21.08 %</b>
<b>Level1: 300 - Other Expenses</b>								
3000 - Project Expenses	74,900	96,886	21,986	77.31 %	207,259	1,163,100	955,841	17.82 %
4000 - Fixed Asset Purchases	0	42,150	42,150	0.00 %	2,375	506,000	503,625	0.47 %
5500 - Election Expenses	0	0	0	0.00 %	1,922	0	-1,922	0.00 %
6000 - Contingencies	0	1,749	1,749	0.00 %	0	21,000	21,000	0.00 %
6500 - Reserves	0	8,697	8,697	0.00 %	0	104,400	104,400	0.00 %
<b>Total Level1: 300 - Other Expenses:</b>	<b>74,900</b>	<b>149,482</b>	<b>74,582</b>	<b>50.11 %</b>	<b>211,555</b>	<b>1,794,500</b>	<b>1,582,945</b>	<b>11.79 %</b>
<b>Total Expense:</b>	<b>159,701</b>	<b>258,663</b>	<b>98,963</b>	<b>61.74 %</b>	<b>603,433</b>	<b>3,105,200</b>	<b>2,501,767</b>	<b>19.43 %</b>
<b>Total Revenues</b>	<b>236,179</b>	<b>258,663</b>	<b>-22,484</b>	<b>-91.31 %</b>	<b>466,667</b>	<b>3,105,200</b>	<b>-2,638,533</b>	<b>-15.03 %</b>
<b>Total Fund: 26 - CONSERVATION FUND:</b>	<b>76,478</b>	<b>0</b>	<b>76,478</b>		<b>-136,766</b>	<b>0</b>	<b>-136,766</b>	



**EXHIBIT 12-E**

113

**Statement of Revenue Over Expense - No Decimals****For Fiscal: 2017-2018 Period Ending: 10/31/2017**

Level...	October Activity	October Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
<b>Fund: 35 - WATER SUPPLY FUND</b>								
<b>Revenue</b>								
R100 - Water Supply Charge	0	283,220	-283,220	0.00 %	0	3,400,000	-3,400,000	0.00 %
R120 - Property Taxes Revenues	0	2,732	-2,732	0.00 %	0	32,800	-32,800	0.00 %
R130 - User Fees	74,276	0	74,276	0.00 %	221,960	0	221,960	0.00 %
R140 - Connection Charges	25,358	20,825	4,533	-121.77 %	149,137	250,000	-100,863	-59.65 %
R220 - Copy Fee	0	0	0	0.00 %	40	0	40	0.00 %
R230 - Miscellaneous - Other	0	833	-833	0.00 %	226	10,000	-9,774	-2.26 %
R250 - Interest Income	3,326	1,166	2,159	-285.16 %	2,789	14,000	-11,211	-19.92 %
R260 - CAW - ASR	0	52,929	-52,929	0.00 %	0	635,400	-635,400	0.00 %
R265 - CAW - Los Padres Reimbursement	0	43,733	-43,733	0.00 %	0	525,000	-525,000	0.00 %
R290 - CAW - Miscellaneous	0	1,949	-1,949	0.00 %	0	23,400	-23,400	0.00 %
R300 - Watermaster	0	6,214	-6,214	0.00 %	18,805	74,600	-55,795	-25.21 %
R308 - Reclamation Project	0	1,666	-1,666	0.00 %	0	20,000	-20,000	0.00 %
R310 - Other Reimbursements	0	83	-83	0.00 %	0	1,000	-1,000	0.00 %
R320 - Grants	0	6,664	-6,664	0.00 %	0	80,000	-80,000	0.00 %
R510 - Operating Reserve	0	62,392	-62,392	0.00 %	0	749,000	-749,000	0.00 %
<b>Total Revenue:</b>	<b>102,960</b>	<b>484,406</b>	<b>-381,446</b>	<b>-21.25 %</b>	<b>392,957</b>	<b>5,815,200</b>	<b>-5,422,243</b>	<b>-6.76 %</b>



**EXHIBIT 12-E**

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

For Fiscal: 2017-2018 Period Ending: 10/31/2017

Level...	October Activity	October Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
<b>Expense</b>								
<b>Level1: 100 - Personnel Costs</b>								
1100 - Salaries & Wages	70,513	72,721	2,208	96.96 %	272,698	873,000	600,302	31.24 %
1110 - Manager's Auto Allowance	277	300	23	92.34 %	277	3,600	3,323	7.69 %
1120 - Manager's Deferred Comp	406	417	10	97.52 %	406	5,000	4,594	8.12 %
1130 - Unemployment Compensation	0	83	83	0.00 %	0	1,000	1,000	0.00 %
1150 - Temporary Personnel	0	50	50	0.00 %	2,342	600	-1,742	390.31 %
1160 - PERS Retirement	6,959	13,070	6,111	53.25 %	112,861	156,900	44,039	71.93 %
1170 - Medical Insurance	9,124	8,730	-394	104.51 %	35,517	104,800	69,283	33.89 %
1180 - Medical Insurance - Retirees	1,988	2,157	169	92.15 %	10,137	25,900	15,763	39.14 %
1190 - Workers Compensation	1,308	1,516	208	86.30 %	5,720	18,200	12,480	31.43 %
1200 - Life Insurance	121	150	29	80.54 %	356	1,800	1,444	19.77 %
1210 - Long Term Disability Insurance	398	392	-7	101.74 %	1,546	4,700	3,154	32.90 %
1220 - Short Term Disability Insurance	79	92	13	86.17 %	307	1,100	793	27.87 %
1230 - Other Benefits	0	33	33	0.00 %	27	400	373	6.80 %
1260 - Employee Assistance Program	20	42	22	46.99 %	76	500	424	15.21 %
1270 - FICA Tax Expense	61	242	180	25.45 %	262	2,900	2,638	9.05 %
1280 - Medicare Tax Expense	935	1,091	156	85.66 %	4,156	13,100	8,944	31.72 %
1290 - Staff Development & Training	0	891	891	0.00 %	208	10,700	10,492	1.94 %
1300 - Conference Registration	178	100	-78	177.67 %	570	1,200	630	47.51 %
1310 - Professional Dues	57	67	9	85.95 %	57	800	743	7.16 %
1320 - Personnel Recruitment	0	50	50	0.00 %	58	600	542	9.71 %
<b>Total Level1: 100 - Personnel Costs:</b>	<b>92,425</b>	<b>102,192</b>	<b>9,768</b>	<b>90.44 %</b>	<b>447,582</b>	<b>1,226,800</b>	<b>779,218</b>	<b>36.48 %</b>
<b>Level1: 200 - Supplies and Services</b>								
2000 - Board Member Compensation	734	1,208	473	60.80 %	2,765	14,500	11,735	19.07 %
2020 - Board Expenses	563	217	-346	259.80 %	572	2,600	2,028	22.01 %
2040 - Rent	772	816	45	94.54 %	3,203	9,800	6,597	32.68 %
2060 - Utilities	856	1,050	193	81.58 %	3,779	12,600	8,821	29.99 %
2120 - Insurance Expense	97	1,200	1,102	8.10 %	97	14,400	14,303	0.67 %
2130 - Membership Dues	3,839	725	-3,114	529.69 %	4,077	8,700	4,623	46.86 %
2140 - Bank Charges	121	108	-13	111.91 %	483	1,300	817	37.14 %
2150 - Office Supplies	352	550	198	64.00 %	1,408	6,600	5,192	21.33 %
2160 - Courier Expense	149	217	67	69.00 %	567	2,600	2,033	21.82 %
2170 - Printing/Photocopy	0	125	125	0.00 %	349	1,500	1,151	23.25 %
2180 - Postage & Shipping	23	175	152	13.29 %	757	2,100	1,343	36.04 %
2190 - IT Supplies/Services	392	2,666	2,274	14.70 %	16,573	32,000	15,427	51.79 %
2200 - Professional Fees	6,685	9,371	2,686	71.34 %	29,596	112,500	82,904	26.31 %
2220 - Equipment Repairs & Maintenance	359	200	-159	179.55 %	636	2,400	1,764	26.50 %
2235 - Equipment Lease	341	375	34	91.06 %	1,401	4,500	3,099	31.13 %
2240 - Telephone	1,278	1,266	-12	100.96 %	4,287	15,200	10,913	28.21 %
2260 - Facility Maintenance	1,052	1,183	130	88.97 %	3,451	14,200	10,749	24.30 %
2270 - Travel Expenses	817	675	-142	121.07 %	2,300	8,100	5,800	28.39 %





**EXHIBIT 12-E**

117

**Statement of Revenue Over Expense - No Decimals****For Fiscal: 2017-2018 Period Ending: 10/31/2017**

Level...	October Activity	October Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
2280 - Transportation	102	858	756	11.83 %	413	10,300	9,887	4.01 %
2300 - Legal Services	12,740	16,660	3,920	76.47 %	30,197	200,000	169,803	15.10 %
2380 - Meeting Expenses	78	158	80	49.30 %	273	1,900	1,627	14.39 %
2420 - Legal Notices	0	117	117	0.00 %	0	1,400	1,400	0.00 %
2460 - Public Outreach	123	1,216	1,093	10.15 %	491	14,600	14,109	3.37 %
2480 - Miscellaneous	0	83	83	0.00 %	0	1,000	1,000	0.00 %
2500 - Tax Administration Fee	0	708	708	0.00 %	0	8,500	8,500	0.00 %
2900 - Operating Supplies	14	150	136	9.39 %	14	1,800	1,786	0.78 %
<b>Total Level1: 200 - Supplies and Services:</b>	<b>31,488</b>	<b>42,075</b>	<b>10,587</b>	<b>74.84 %</b>	<b>107,689</b>	<b>505,100</b>	<b>397,411</b>	<b>21.32 %</b>
<b>Level1: 300 - Other Expenses</b>								
3000 - Project Expenses	142,436	290,884	148,448	48.97 %	542,386	3,492,000	2,949,614	15.53 %
4000 - Fixed Asset Purchases	0	13,661	13,661	0.00 %	2,714	164,000	161,286	1.66 %
5000 - Debt Service	0	19,159	19,159	0.00 %	0	230,000	230,000	0.00 %
5500 - Election Expenses	0	0	0	0.00 %	2,196	0	-2,196	0.00 %
6000 - Contingencies	0	1,999	1,999	0.00 %	0	24,000	24,000	0.00 %
6500 - Reserves	0	14,436	14,436	0.00 %	0	173,300	173,300	0.00 %
<b>Total Level1: 300 - Other Expenses:</b>	<b>142,436</b>	<b>340,139</b>	<b>197,703</b>	<b>41.88 %</b>	<b>547,296</b>	<b>4,083,300</b>	<b>3,536,004</b>	<b>13.40 %</b>
<b>Total Expense:</b>	<b>266,348</b>	<b>484,406</b>	<b>218,058</b>	<b>54.98 %</b>	<b>1,102,568</b>	<b>5,815,200</b>	<b>4,712,632</b>	<b>18.96 %</b>
<b>Total Revenues</b>	<b>102,960</b>	<b>484,406</b>	<b>-381,446</b>	<b>-21.25 %</b>	<b>392,957</b>	<b>5,815,200</b>	<b>-5,422,243</b>	<b>-6.76 %</b>
<b>Total Fund: 35 - WATER SUPPLY FUND:</b>	<b>-163,388</b>	<b>0</b>	<b>-163,389</b>		<b>-709,610</b>	<b>0</b>	<b>-709,610</b>	
<b>Report Total:</b>	<b>49,580</b>	<b>0</b>	<b>49,580</b>		<b>-1,011,763</b>	<b>0</b>	<b>-1,011,763</b>	



**EXHIBIT 12-E****Statement of Revenue Over Expense - No Decimals**

119

For Fiscal: 2017-2018 Period Ending: 10/31/2017

**Fund Summary**

<b>Fund</b>	<b>October Activity</b>	<b>October Budget</b>	<b>Variance Favorable (Unfavorable)</b>	<b>Percent Used</b>	<b>YTD Activity</b>	<b>Total Budget</b>	<b>Variance Favorable (Unfavorable)</b>	<b>Percent Used</b>
24 - MITIGATION FUND	136,490	0	136,490		-165,386	0	-165,386	
26 - CONSERVATION FUND	76,478	0	76,478		-136,766	0	-136,766	
35 - WATER SUPPLY FUND	-163,388	0	-163,389		-709,610	0	-709,610	
<b>Report Total:</b>	<b>49,580</b>	<b>0.02</b>	<b>49,580</b>		<b>-1,011,763</b>	<b>0</b>	<b>-1,011,763</b>	



**ITEM: CONSENT CALENDAR****13. CONSIDER ADOPTION OF TREASURER'S REPORT FOR NOVEMBER 2017**

<b>Meeting Date:</b>	<b>January 24, 2018</b>	<b>Budgeted:</b>	<b>N/A</b>
<b>From:</b>	<b>David J. Stoldt, General Manager</b>	<b>Program/ Line Item No.:</b>	<b>N/A</b>
<b>Prepared By:</b>	<b>Suresh Prasad</b>	<b>Cost Estimate:</b>	<b>N/A</b>

**General Counsel Review:** N/A**Committee Recommendation:** The Administrative Committee considered this item on January 17, 2018 and recommended approval.**CEQA Compliance:** This action does not constitute a project as defined by the California Environmental Quality Act Guidelines section 15378.

**SUMMARY:** Exhibit 13-A comprises the Treasurer's Report for November 2017. Exhibit 13-B, Exhibit 13-C and Exhibit 13-D are listings of check disbursements for the period November 1-30, 2017. Check Nos. 30598 through 30770, the direct deposits of employee's paychecks, payroll tax deposits, and bank charges resulted in total disbursements for the period in the amount of \$660,809.60. That amount included \$21,377.84 for conservation rebates. Exhibit 13-E reflects the unaudited version of the financial statements for the month ending November 30, 2017.

**RECOMMENDATION:** District staff recommends adoption of the November 2017 Treasurer's Report and financial statements, and ratification of the disbursements made during the month. The Administrative Committee reviewed this item at its January 17, 2018 meeting and voted 3 to 0 to recommend approval.

**EXHIBITS**

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



**MONTEREY PENINSULA WATER MANAGEMENT DISTRICT  
TREASURER'S REPORT FOR NOVEMBER 2017**

<u>Description</u>						<b>PB</b>	
	<u>Checking</u>	<u>MPWMD Money Market</u>	<u>L.A.I.F.</u>	<u>Wells Fargo Investments</u>	<u>MPWMD Total</u>	<u>Rabobank Line of Credit</u>	<u>Reclamation Money Market</u>
Beginning Balance	(\$192,035.71)	\$845,815.50	\$1,013,708.97	\$1,530,034.54	\$ 3,197,523.30	\$0.00	\$837,574.01
Fee Deposits		1,106,220.41			1,106,220.41		743,440.20
Line of Credit Draw/Payoff					0.00		
Interest		9.87	-	580.90	590.77		22.47
Transfer to/from LAIF	\$0.00	0.00	-		0.00		
Transfer-Money Market to Checking	\$924,063.56	(924,063.56)			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		(1,000,000.00)
Voided Cks					0.00		
Bank Corrections/Reversals/Errors					0.00		
Bank Charges/Rtn'd Deposits/Other	(\$394.20)	(30.60)			(424.80)		(6.00)
Payroll Tax/Benefit Deposits	(42,243.78)				(42,243.78)		
Payroll Checks/Direct Deposits	(135,259.34)				(135,259.34)		
General Checks	(423,702.58)				(423,702.58)		
Bank Draft Payments	(59,209.70)				(59,209.70)		
<b>Ending Balance</b>	<b>\$71,218.25</b>	<b>\$1,027,951.62</b>	<b>\$1,013,708.97</b>	<b>\$1,530,615.44</b>	<b>\$3,643,494.28</b>	<b>\$0.00</b>	<b>\$581,030.68</b>





**Check Report**

By Check Number

Date Range: 11/01/2017 - 11/30/2017



Monterey Peninsula Water Management Dist

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
<b>Bank Code: APBNK</b>	<b>-Bank of America Checking</b>					
00249	A.G. Davi, LTD	11/03/2017	Regular	0.00	395.00	30637
14037	AECOM Technical Services, Inc.	11/03/2017	Regular	0.00	51,223.00	30638
00767	AFLAC	11/03/2017	Regular	0.00	917.78	30639
04349	American Water Resources Assoc.	11/03/2017	Regular	0.00	179.00	30640
00263	Arlene Tavani	11/03/2017	Regular	0.00	1,014.76	30641
00232	Balance Hydrologics, Inc	11/03/2017	Regular	0.00	3,573.75	30642
12188	Brown and Caldwell	11/03/2017	Regular	0.00	12,073.07	30643
00252	Cal-Am Water	11/03/2017	Regular	0.00	84.51	30644
00252	Cal-Am Water	11/03/2017	Regular	0.00	118.72	30645
01001	CDW Government	11/03/2017	Regular	0.00	428.00	30646
00028	Colantuono, Highsmith, & Whatley, PC	11/03/2017	Regular	0.00	227.00	30647
06268	Comcast	11/03/2017	Regular	0.00	257.36	30648
08109	David Olson, Inc.	11/03/2017	Regular	0.00	727.00	30649
00758	FedEx	11/03/2017	Regular	0.00	204.57	30650
08990	Fort Ord Reuse Authority	11/03/2017	Regular	0.00	6,683.03	30651
00073	Grindstone Sharpening	11/03/2017	Regular	0.00	77.00	30652
04717	Inder Osahan	11/03/2017	Regular	0.00	1,183.47	30653
00094	John Arriaga	11/03/2017	Regular	0.00	2,500.00	30654
06745	KBA Docusys - Lease Payments	11/03/2017	Regular	0.00	1,983.54	30655
01002	Monterey County Clerk	11/03/2017	Regular	0.00	50.00	30656
00278	Monterey Tire Service	11/03/2017	Regular	0.00	795.53	30657
13292	Pacific Global Services, Inc.	11/03/2017	Regular	0.00	93.76	30658
00154	Peninsula Messenger Service	11/03/2017	Regular	0.00	467.00	30659
00755	Peninsula Welding Supply, Inc.	11/03/2017	Regular	0.00	60.42	30660
00282	PG&E	11/03/2017	Regular	0.00	288.72	30661
00159	Pueblo Water Resources, Inc.	11/03/2017	Regular	0.00	1,480.00	30662
07627	Purchase Power	11/03/2017	Regular	0.00	65.22	30663
05994	Robert Brower Sr.	11/03/2017	Regular	0.00	1,728.33	30664
02838	Solinst Canada Ltd	11/03/2017	Regular	0.00	2,346.64	30665
00203	ThyssenKrup Elevator	11/03/2017	Regular	0.00	603.48	30666
00269	U.S. Bank	11/03/2017	Regular	0.00	3,035.17	30667
	**Void**	11/03/2017	Regular	0.00	0.00	30668
00221	Verizon Wireless	11/03/2017	Regular	0.00	624.45	30669
04364	Western City	11/03/2017	Regular	0.00	39.00	30670
01188	Alhambra	11/09/2017	Regular	0.00	186.32	30674
04732	AM Conservation Group, Inc.	11/09/2017	Regular	0.00	14,559.49	30675
00253	AT&T	11/09/2017	Regular	0.00	197.54	30676
00252	Cal-Am Water	11/09/2017	Regular	0.00	342.93	30677
02840	California Conservation Corps	11/09/2017	Regular	0.00	8,790.00	30678
01009	Cory Hamilton	11/09/2017	Regular	0.00	449.51	30679
11220	Craig Evans	11/09/2017	Regular	0.00	250.00	30680
01352	Dave Stoldt	11/09/2017	Regular	0.00	2,335.94	30681
00046	De Lay & Laredo	11/09/2017	Regular	0.00	18,474.50	30682
00986	Henrietta Stern	11/09/2017	Regular	0.00	1,183.47	30683
00277	Home Depot Credit Services	11/09/2017	Regular	0.00	28.32	30684
00222	M.J. Murphy	11/09/2017	Regular	0.00	8.05	30685
00278	Monterey Tire Service	11/09/2017	Regular	0.00	378.11	30686
00755	Peninsula Welding Supply, Inc.	11/09/2017	Regular	0.00	49.50	30687
00282	PG&E	11/09/2017	Regular	0.00	60.23	30688
00282	PG&E	11/09/2017	Regular	0.00	9.67	30689
00988	SDRMA - Workers Comp. Insurance	11/09/2017	Regular	0.00	9,037.72	30690
00258	TBC Communications & Media	11/09/2017	Regular	0.00	8,712.90	30691
09425	The Ferguson Group LLC	11/09/2017	Regular	0.00	24,018.79	30692
00207	Universal Staffing Inc.	11/09/2017	Regular	0.00	1,702.40	30693

**EXHIBIT 13-B**

126

## Check Report

Date Range: 11/01/2017 - 11/30/2017

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
07769	University Corporation at Monterey Bay	11/09/2017	Regular	0.00	890.06	30694
04039	American Water Works Association	11/17/2017	Regular	0.00	1,706.00	30695
00760	Andy Bell	11/17/2017	Regular	0.00	699.00	30696
00253	AT&T	11/17/2017	Regular	0.00	1,626.87	30697
00036	Bill Parham	11/17/2017	Regular	0.00	650.00	30698
04045	California Society of Municipal Finance Officers	11/17/2017	Regular	0.00	110.00	30699
04362	Costco Membership	11/17/2017	Regular	0.00	180.00	30700
11822	CSC	11/17/2017	Regular	0.00	2,000.00	30701
00761	Delores Cofer	11/17/2017	Regular	0.00	356.00	30702
00041	Denise Duffy & Assoc. Inc.	11/17/2017	Regular	0.00	866.25	30703
00225	Escalon Services c/o Palace Business Solutions	11/17/2017	Regular	0.00	170.48	30704
00277	Home Depot Credit Services	11/17/2017	Regular	0.00	826.50	30705
00768	ICMA	11/17/2017	Regular	0.00	6,185.09	30706
03857	Joe Oliver	11/17/2017	Regular	0.00	2,366.94	30707
00222	M.J. Murphy	11/17/2017	Regular	0.00	19.88	30708
00117	Marina Backflow Company	11/17/2017	Regular	0.00	180.00	30709
00259	Marina Coast Water District	11/17/2017	Regular	0.00	819.43	30710
00259	Marina Coast Water District	11/17/2017	Regular	0.00	61.97	30711
01002	Monterey County Clerk	11/17/2017	Regular	0.00	50.00	30712
00278	Monterey Tire Service	11/17/2017	Regular	0.00	974.46	30713
13396	Navia Benefit Solutions, Inc.	11/17/2017	Regular	0.00	975.38	30714
04032	Normandeau Associates, Inc.	11/17/2017	Regular	0.00	2,574.00	30715
00282	PG&E	11/17/2017	Regular	0.00	1,884.55	30716
00282	PG&E	11/17/2017	Regular	0.00	21.72	30717
00282	PG&E	11/17/2017	Regular	0.00	3,304.43	30718
00282	PG&E	11/17/2017	Regular	0.00	28.14	30719
00752	Professional Liability Insurance Service	11/17/2017	Regular	0.00	42.89	30720
07627	Purchase Power	11/17/2017	Regular	0.00	200.00	30721
00176	Sentry Alarm Systems	11/17/2017	Regular	0.00	215.50	30722
00283	SHELL	11/17/2017	Regular	0.00	670.75	30723
09425	The Ferguson Group LLC	11/17/2017	Regular	0.00	8,000.00	30724
14680	Tope Tree Service	11/17/2017	Regular	0.00	311.44	30725
04708	Tyler Business Forms	11/17/2017	Regular	0.00	618.90	30726
00994	Whitson Engineers	11/17/2017	Regular	0.00	1,932.00	30727
14679	Arbitrage Compliance Specialists, Inc.	11/22/2017	Regular	0.00	3,000.00	30748
01001	CDW Government	11/22/2017	Regular	0.00	2,929.10	30749
00237	Chevron	11/22/2017	Regular	0.00	306.90	30750
00224	City of Monterey	11/22/2017	Regular	0.00	1,859.50	30751
00281	CoreLogic Information Solutions, Inc.	11/22/2017	Regular	0.00	1,174.09	30752
00046	De Lay & Laredo	11/22/2017	Regular	0.00	54,429.61	30753
00761	Delores Cofer	11/22/2017	Regular	0.00	356.00	30754
04356	Government Finance Officers Association	11/22/2017	Regular	0.00	160.00	30755
00083	Hayashi & Wayland Accountancy Corp.	11/22/2017	Regular	0.00	17,200.00	30756
08929	HDR Engineering, Inc.	11/22/2017	Regular	0.00	13,241.50	30757
00768	ICMA	11/22/2017	Regular	0.00	6,185.09	30758
11223	In-Situ	11/22/2017	Regular	0.00	1,667.94	30759
13431	Lynx Technologies, Inc	11/22/2017	Regular	0.00	1,650.00	30760
00242	MBAS	11/22/2017	Regular	0.00	2,400.00	30761
07417	Monterey County Elections Department	11/22/2017	Regular	0.00	6,862.69	30762
13396	Navia Benefit Solutions, Inc.	11/22/2017	Regular	0.00	975.38	30763
00282	PG&E	11/22/2017	Regular	0.00	228.18	30764
13394	Regional Government Services	11/22/2017	Regular	0.00	5,183.50	30765
00258	TBC Communications & Media	11/22/2017	Regular	0.00	3,708.80	30766
09351	Tetra Tech, Inc.	11/22/2017	Regular	0.00	37,616.16	30767
09425	The Ferguson Group LLC	11/22/2017	Regular	0.00	8,000.00	30768
06009	yourservicesolution.com	11/22/2017	Regular	0.00	468.00	30769

**EXHIBIT 13-B**

127

Check Report

Date Range: 11/01/2017 - 11/30/2017

<b>Vendor Number</b>	<b>Vendor Name</b>	<b>Payment Date</b>	<b>Payment Type</b>	<b>Discount Amount</b>	<b>Payment Amount</b>	<b>Number</b>
00754	Zone24x7	11/22/2017	Regular	0.00	4,900.00	30770

<b>Payment Type</b>	<b>Bank Code APBNK</b>		<b>Summary</b>	
	<b>Payable Count</b>	<b>Payment Count</b>	<b>Discount</b>	<b>Payment</b>
Regular Checks	147	110	0.00	402,324.74
Manual Checks	0	0	0.00	0.00
Voided Checks	0	1	0.00	0.00
Bank Drafts	0	0	0.00	0.00
EFT's	0	0	0.00	0.00
	<b>147</b>	<b>111</b>	<b>0.00</b>	<b>402,324.74</b>

**EXHIBIT 13-B**

128

Check Report

Date Range: 11/01/2017 - 11/30/2017

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
<b>Bank Code: REBATES-02-Rebates: Use Only For Rebates</b>						
15113	DARLA WELCH	11/15/2017	Regular	0.00	-125.00	30426
15397	AMRISH G PATEL	11/03/2017	Regular	0.00	500.00	30598
15395	ANN EZZO	11/03/2017	Regular	0.00	500.00	30599
15380	ANN PENNINGTON	11/03/2017	Regular	0.00	125.00	30600
15361	BOBI & KATHY EYERMAN	11/03/2017	Regular	0.00	98.00	30601
15374	BRENT BUCHE	11/03/2017	Regular	0.00	125.00	30602
15363	BUENA VISTA LAND COMPANY	11/03/2017	Regular	0.00	100.00	30603
15372	CHARLES A BESTOR	11/03/2017	Regular	0.00	100.00	30604
15392	Crystal Vasalech	11/03/2017	Regular	0.00	500.00	30605
15376	DANIEL C FIELD	11/03/2017	Regular	0.00	625.00	30606
15367	DAVID MOORE	11/03/2017	Regular	0.00	200.00	30607
15391	David Rice	11/03/2017	Regular	0.00	500.00	30608
15370	David Russell	11/03/2017	Regular	0.00	200.00	30609
15364	Diane Henn	11/03/2017	Regular	0.00	200.00	30610
15359	ENRICO RICCI	11/03/2017	Regular	0.00	140.00	30611
15369	FRANK ZABROWSKI	11/03/2017	Regular	0.00	200.00	30612
15365	HARI SAHDEO	11/03/2017	Regular	0.00	84.99	30613
15383	JACK WANG	11/03/2017	Regular	0.00	500.00	30614
15362	JAN ALDEN CORNISH	11/03/2017	Regular	0.00	100.00	30615
15390	Janet Bryan	11/03/2017	Regular	0.00	499.99	30616
15371	JIAYING HOWARD	11/03/2017	Regular	0.00	200.00	30617
15386	JONINA MEYERS	11/03/2017	Regular	0.00	500.00	30618
15387	JOYCE ELISHA	11/03/2017	Regular	0.00	500.00	30619
15393	KATHLEEN TALBERT-HILL	11/03/2017	Regular	0.00	479.99	30620
15396	KLAUS LOPEZ-GEORIS	11/03/2017	Regular	0.00	500.00	30621
15379	LESLIE ZABALA	11/03/2017	Regular	0.00	125.00	30622
15388	LI FU MEI	11/03/2017	Regular	0.00	500.00	30623
15375	LIBBY HAGMAN	11/03/2017	Regular	0.00	125.00	30624
15360	MARIELENA CARRIGLIO	11/03/2017	Regular	0.00	100.00	30625
15385	MICHAEL DEPAOLA	11/03/2017	Regular	0.00	500.00	30626
15368	Pamela Mary Lawther	11/03/2017	Regular	0.00	100.00	30627
15373	RAMONA REED	11/03/2017	Regular	0.00	100.00	30628
15389	Robert S. Phelan	11/03/2017	Regular	0.00	500.00	30629
15377	ROBYN HAMILTON	11/03/2017	Regular	0.00	125.00	30630
15382	RODNEY HOWARD	11/03/2017	Regular	0.00	500.00	30631
15378	MARK & ROSSLYN WHITE	11/03/2017	Regular	0.00	125.00	30632
15384	SCOTT KETCHAM	11/03/2017	Regular	0.00	500.00	30633
15394	SUNG CHA SEARLE	11/03/2017	Regular	0.00	500.00	30634
15366	URMILA SINGH	11/03/2017	Regular	0.00	100.00	30635
15381	WILLIAM CARLYLE	11/03/2017	Regular	0.00	500.00	30636
15413	ARTHUR HORNING	11/22/2017	Regular	0.00	500.00	30728
15402	CHARLES PARSONS	11/22/2017	Regular	0.00	500.00	30729
15113	DARLA WELCH	11/22/2017	Regular	0.00	125.00	30730
15405	ERIK & KRISTIN CUSHMAN	11/22/2017	Regular	0.00	500.00	30731
15418	FRED SCHWANTES	11/22/2017	Regular	0.00	500.00	30732
15401	GEOFFREY & JANICE WHITE	11/22/2017	Regular	0.00	500.00	30733
15412	Joseph J Shammass	11/22/2017	Regular	0.00	500.00	30734
15407	KEN & ALLYN SCHOENTHAL	11/22/2017	Regular	0.00	500.00	30735
15417	KIM ELLIS	11/22/2017	Regular	0.00	500.00	30736
15403	KIMBERLY CHAPPELL	11/22/2017	Regular	0.00	500.00	30737
15404	LYLE E ABRAHAM	11/22/2017	Regular	0.00	499.99	30738
15414	MARIANNE TOWERSEY	11/22/2017	Regular	0.00	499.88	30739
15411	MARY RILE	11/22/2017	Regular	0.00	500.00	30740
15416	Norman Naylor	11/22/2017	Regular	0.00	500.00	30741
15408	PATRICIA CLARKE	11/22/2017	Regular	0.00	500.00	30742
15409	PATRICIA MERRIFIELD	11/22/2017	Regular	0.00	500.00	30743
15415	PETER DE GROOT	11/22/2017	Regular	0.00	500.00	30744
15406	RICHARD OLSEN	11/22/2017	Regular	0.00	500.00	30745
15400	STEPHEN CARDINALI	11/22/2017	Regular	0.00	500.00	30746

**EXHIBIT 13-B**

129

Check Report

Date Range: 11/01/2017 - 11/30/2017

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
15410	TERRY B & DONALD G GLASCO	11/22/2017	Regular	0.00	500.00	30747

Bank Code REBATES-02 Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	59	59	0.00	21,502.84
Manual Checks	0	0	0.00	0.00
Voided Checks	0	1	0.00	-125.00
Bank Drafts	0	0	0.00	0.00
EFT's	0	0	0.00	0.00
	<b>59</b>	<b>60</b>	<b>0.00</b>	<b>21,377.84</b>

**All Bank Codes Check Summary**

<b>Payment Type</b>	<b>Payable Count</b>	<b>Payment Count</b>	<b>Discount</b>	<b>Payment</b>
Regular Checks	206	169	0.00	423,827.58
Manual Checks	0	0	0.00	0.00
Voided Checks	0	2	0.00	-125.00
Bank Drafts	0	0	0.00	0.00
EFT's	0	0	0.00	0.00
	<b>206</b>	<b>171</b>	<b>0.00</b>	<b>423,702.58</b>

**Fund Summary**

<b>Fund</b>	<b>Name</b>	<b>Period</b>	<b>Amount</b>
99	POOL CASH FUND	11/2017	423,702.58
			<b>423,702.58</b>

## EXHIBIT 13-C

## Payroll Bank Transaction Report -1MPWMD



Monterey Peninsula Water Management Dist

By Payment Number

Date: 11/1/2017 - 11/30/2017

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
3348	11/09/2017	Regular	1024	Stoldt, David J	0.00	5,428.18	5,428.18
3349	11/09/2017	Regular	1025	Tavani, Arlene M	0.00	2,028.72	2,028.72
3350	11/09/2017	Regular	1044	Bennett, Corryn D	0.00	1,562.16	1,562.16
3351	11/09/2017	Regular	1006	Dudley, Mark A	0.00	2,732.62	2,732.62
3352	11/09/2017	Regular	1039	Flores, Elizabeth	0.00	1,992.52	1,992.52
3353	11/09/2017	Regular	1018	Prasad, Suresh	0.00	3,912.01	3,912.01
3354	11/09/2017	Regular	1019	Reyes, Sara C	0.00	1,750.05	1,750.05
3355	11/09/2017	Regular	1002	Bekker, Mark	0.00	1,822.01	1,822.01
3356	11/09/2017	Regular	1005	Christensen, Thomas T	0.00	3,069.86	3,069.86
3357	11/09/2017	Regular	1042	Hamilton, Maureen C.	0.00	2,912.74	2,912.74
3358	11/09/2017	Regular	1008	Hampson, Larry M	0.00	2,967.57	2,967.57
3359	11/09/2017	Regular	1009	James, Gregory W	0.00	3,230.09	3,230.09
3360	11/09/2017	Regular	1011	Lear, Jonathan P	0.00	3,561.14	3,561.14
3361	11/09/2017	Regular	1012	Lindberg, Thomas L	0.00	2,298.85	2,298.85
3362	11/09/2017	Regular	1013	Lyons, Matthew J	0.00	1,699.37	1,699.37
3363	11/09/2017	Regular	1023	Stern, Henrietta L	0.00	439.70	439.70
3364	11/09/2017	Regular	6028	Atkins, Daniel N	0.00	906.41	906.41
3365	11/09/2017	Regular	6035	Besson, Jordan C.	0.00	826.16	826.16
3366	11/09/2017	Regular	1004	Chaney, Beverly M	0.00	2,380.49	2,380.49
3367	11/09/2017	Regular	1007	Hamilton, Cory R	0.00	2,139.97	2,139.97
3368	11/09/2017	Regular	6013	Malloway, Joshua R	0.00	190.02	190.02
3369	11/09/2017	Regular	6041	Rachman, Alixandra P	0.00	807.92	807.92
3370	11/09/2017	Regular	1043	Suwada, Joseph	0.00	1,641.72	1,641.72
3371	11/09/2017	Regular	1026	Urquhart, Kevan A	0.00	2,156.73	2,156.73
3372	11/09/2017	Regular	1001	Ayala, Gabriela D	0.00	2,273.25	2,273.25
3373	11/09/2017	Regular	1041	Gonnerman, Maryan C	0.00	1,843.44	1,843.44
3374	11/09/2017	Regular	1010	Kister, Stephanie L	0.00	2,478.67	2,478.67
3375	11/09/2017	Regular	1017	Locke, Stephanie L	0.00	3,323.24	3,323.24
3376	11/09/2017	Regular	1014	Martin, Debra S	0.00	2,474.71	2,474.71
3377	11/09/2017	Regular	1040	Smith, Kyle	0.00	1,860.82	1,860.82
3378	11/09/2017	Regular	7015	Adams, Mary L	0.00	120.02	120.02
3379	11/09/2017	Regular	7013	Clarke, Andrew	0.00	249.34	249.34
3380	11/09/2017	Regular	7014	Evans, Molly F	0.00	249.34	249.34
3381	11/09/2017	Regular	7003	Lewis, Brenda	0.00	246.76	246.76
3382	11/22/2017	Regular	1024	Stoldt, David J	0.00	5,401.12	5,401.12
3383	11/22/2017	Regular	1025	Tavani, Arlene M	0.00	2,028.72	2,028.72
3384	11/22/2017	Regular	1044	Bennett, Corryn D	0.00	1,562.16	1,562.16
3385	11/22/2017	Regular	1006	Dudley, Mark A	0.00	2,732.62	2,732.62
3386	11/22/2017	Regular	1039	Flores, Elizabeth	0.00	1,992.52	1,992.52
3387	11/22/2017	Regular	1018	Prasad, Suresh	0.00	3,912.01	3,912.01
3388	11/22/2017	Regular	1019	Reyes, Sara C	0.00	1,750.05	1,750.05
3389	11/22/2017	Regular	1002	Bekker, Mark	0.00	1,822.01	1,822.01
3390	11/22/2017	Regular	1005	Christensen, Thomas T	0.00	3,069.86	3,069.86
3391	11/22/2017	Regular	1042	Hamilton, Maureen C.	0.00	2,912.75	2,912.75
3392	11/22/2017	Regular	1008	Hampson, Larry M	0.00	2,967.57	2,967.57
3393	11/22/2017	Regular	1009	James, Gregory W	0.00	3,230.09	3,230.09
3394	11/22/2017	Regular	1011	Lear, Jonathan P	0.00	3,561.14	3,561.14
3395	11/22/2017	Regular	1012	Lindberg, Thomas L	0.00	2,298.85	2,298.85
3396	11/22/2017	Regular	1013	Lyons, Matthew J	0.00	1,699.36	1,699.36
3397	11/22/2017	Regular	1023	Stern, Henrietta L	0.00	329.78	329.78
3398	11/22/2017	Regular	6028	Atkins, Daniel N	0.00	840.75	840.75
3399	11/22/2017	Regular	6035	Besson, Jordan C.	0.00	739.36	739.36
3400	11/22/2017	Regular	1004	Chaney, Beverly M	0.00	2,380.49	2,380.49
3401	11/22/2017	Regular	1007	Hamilton, Cory R	0.00	2,139.98	2,139.98
3402	11/22/2017	Regular	6041	Rachman, Alixandra P	0.00	767.80	767.80
3403	11/22/2017	Regular	1043	Suwada, Joseph	0.00	1,641.73	1,641.73
3404	11/22/2017	Regular	1026	Urquhart, Kevan A	0.00	2,156.74	2,156.74

**EXHIBIT 13-C**

<b>Payment Number</b>	<b>Payment Date</b>	<b>Payment Type</b>	<b>Employee Number</b>	<b>Employee Name</b>	<b>Check Amount</b>	<b>Direct Deposit Amount</b>	<b>Total Payment</b>
3405	11/22/2017	Regular	1001	Ayala, Gabriela D	0.00	2,467.21	2,467.21
3406	11/22/2017	Regular	1041	Gonnerman, Maryan C	0.00	1,896.53	1,896.53
3407	11/22/2017	Regular	1010	Kister, Stephanie L	0.00	2,478.67	2,478.67
3408	11/22/2017	Regular	1017	Locke, Stephanie L	0.00	3,323.24	3,323.24
3409	11/22/2017	Regular	1014	Martin, Debra S	0.00	2,474.71	2,474.71
3410	11/22/2017	Regular	1040	Smith, Kyle	0.00	1,860.82	1,860.82
30671	11/09/2017	Regular	7006	Brower, Sr., Robert S	745.41	0.00	745.41
30672	11/09/2017	Regular	7007	Byrne, Jeannie	374.02	0.00	374.02
30673	11/09/2017	Regular	7016	Rubio, Ralph S	124.67	0.00	124.67
<b>Totals:</b>					<b>1,244.10</b>	<b>134,015.24</b>	<b>135,259.34</b>





Monterey Peninsula Water Management Dist

# Bank Transaction Report

## Transaction Detail

Issued Date Range: 11/01/2017 - 11/30/2017

Cleared Date Range: -

Issued Date	Cleared Date	Number	Description	Module	Status	Type	Amount
<b>Accounts Payable</b>							
11/06/2017	11/30/2017	<a href="#">DFT0001032</a>	PERS Retirement	Accounts Payable	Cleared	Bank Draft	-15,327.39
11/09/2017	11/30/2017	<a href="#">DFT0001023</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-13,155.04
11/09/2017	11/30/2017	<a href="#">DFT0001024</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-2,827.46
11/09/2017	11/30/2017	<a href="#">DFT0001025</a>	Employment Development Dept.	Accounts Payable	Cleared	Bank Draft	-4,497.76
11/09/2017	11/30/2017	<a href="#">DFT0001026</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-496.36
11/09/2017	11/30/2017	<a href="#">DFT0001028</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-8.23
11/09/2017	11/30/2017	<a href="#">DFT0001029</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-66.60
11/09/2017	11/30/2017	<a href="#">DFT0001030</a>	Employment Development Dept.	Accounts Payable	Cleared	Bank Draft	-1.62
11/09/2017	11/30/2017	<a href="#">DFT0001031</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-284.58
11/14/2017	11/30/2017	<a href="#">DFT0001034</a>	Laborers Trust Fund of Northern CA	Accounts Payable	Cleared	Bank Draft	-28,500.00
11/16/2017	11/30/2017	<a href="#">DFT0001033</a>	PERS Retirement	Accounts Payable	Cleared	Bank Draft	-15,332.31
11/16/2017	11/30/2017	<a href="#">DFT0001067</a>	Laborers Trust Fund of Northern CA	Accounts Payable	Cleared	Bank Draft	-50.00
11/22/2017	11/30/2017	<a href="#">DFT0001036</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-13,130.38
11/22/2017	11/30/2017	<a href="#">DFT0001037</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-2,846.00
11/22/2017	11/30/2017	<a href="#">DFT0001038</a>	Employment Development Dept.	Accounts Payable	Cleared	Bank Draft	-4,513.65
11/22/2017	11/30/2017	<a href="#">DFT0001039</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-416.10
<b>Accounts Payable Total: (16)</b>							<b>-101,453.48</b>
<b>General Ledger</b>							
11/15/2017	11/30/2017	<a href="#">SVC0000132</a>	11/2017 To post bank service charge	General Ledger	Cleared	Service Charge	-394.20
<b>General Ledger Total: (1)</b>							<b>-394.20</b>
<b>Report Total: (17)</b>							<b>-101,847.68</b>

**EXHIBIT 13-D**

**Bank Transaction Report**

134  
Issued Date Range: -

**Summary**

<b>Bank Account</b>	<b>Count</b>	<b>Amount</b>
<a href="#">111 Bank of America Checking - 0000 8170 8210</a>	17	-101,847.68
<b>Report Total:</b>	<b>17</b>	<b>-101,847.68</b>

<b>Cash Account</b>	<b>Count</b>	<b>Amount</b>
<a href="#">99 99-10-100100 Pool Cash Account</a>	17	-101,847.68
<b>Report Total:</b>	<b>17</b>	<b>-101,847.68</b>

<b>Transaction Type</b>	<b>Count</b>	<b>Amount</b>
Bank Draft	16	-101,453.48
Service Charge	1	-394.20
<b>Report Total:</b>	<b>17</b>	<b>-101,847.68</b>



Monterey Peninsula Water Management Dist

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

For Fiscal: 2017-2018 Period Ending: 11/30/2017

Level...	November Activity	November Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
<b>Revenue</b>								
R100 - Water Supply Charge	0	283,220	-283,220	0.00 %	0	3,400,000	-3,400,000	0.00 %
R120 - Property Taxes Revenues	0	145,775	-145,775	0.00 %	0	1,750,000	-1,750,000	0.00 %
R130 - User Fees	551,376	285,303	266,074	-193.26 %	1,608,519	3,425,000	-1,816,481	-46.96 %
R140 - Connection Charges	77,564	20,825	56,739	-372.46 %	226,701	250,000	-23,299	-90.68 %
R150 - Permit Processing Fee	23,172	14,578	8,595	-158.96 %	102,866	175,000	-72,134	-58.78 %
R160 - Well Registration Fee	400	0	400	0.00 %	1,300	0	1,300	0.00 %
R180 - River Work Permit Application	0	0	0	0.00 %	25	0	25	0.00 %
R190 - WDS Permits Rule 21	2,400	4,665	-2,265	-51.45 %	6,600	56,000	-49,400	-11.79 %
R200 - Recording Fees	753	800	-47	-94.16 %	4,242	9,600	-5,358	-44.19 %
R210 - Legal Fees	450	1,333	-883	-33.76 %	1,578	16,000	-14,422	-9.86 %
R220 - Copy Fee	10	0	10	0.00 %	50	0	50	0.00 %
R230 - Miscellaneous - Other	15,000	1,666	13,334	-900.36 %	15,226	20,000	-4,774	-76.13 %
R250 - Interest Income	591	1,666	-1,075	-35.46 %	7,797	20,000	-12,203	-38.98 %
R260 - CAW - ASR	0	52,929	-52,929	0.00 %	0	635,400	-635,400	0.00 %
R265 - CAW - Los Padres Reimbursement	0	43,733	-43,733	0.00 %	0	525,000	-525,000	0.00 %
R270 - CAW - Rebates	9,500	41,650	-32,150	-22.81 %	163,378	500,000	-336,622	-32.68 %
R290 - CAW - Miscellaneous	0	2,582	-2,582	0.00 %	0	31,000	-31,000	0.00 %
R300 - Watermaster	0	6,214	-6,214	0.00 %	18,805	74,600	-55,795	-25.21 %
R308 - Reclamation Project	0	1,666	-1,666	0.00 %	0	20,000	-20,000	0.00 %
R310 - Other Reimbursements	0	2,441	-2,441	0.00 %	0	29,300	-29,300	0.00 %
R320 - Grants	0	104,125	-104,125	0.00 %	0	1,250,000	-1,250,000	0.00 %
R510 - Operating Reserve	0	71,130	-71,130	0.00 %	0	853,900	-853,900	0.00 %
<b>Total Revenue:</b>	<b>681,216</b>	<b>1,086,299</b>	<b>-405,083</b>	<b>-62.71 %</b>	<b>2,157,087</b>	<b>13,040,800</b>	<b>-10,883,713</b>	<b>-16.54 %</b>

**EXHIBIT 13-E**

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

**For Fiscal: 2017-2018 Period Ending: 11/30/2017**

Level...	November Activity	November Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
<b>Expense</b>								
<b>Level1: 100 - Personnel Costs</b>								
1100 - Salaries & Wages	194,627	208,417	13,790	93.38 %	964,729	2,502,000	1,537,271	38.56 %
1110 - Manager's Auto Allowance	462	500	38	92.34 %	923	6,000	5,077	15.38 %
1120 - Manager's Deferred Comp	677	700	23	96.74 %	1,354	8,400	7,046	16.12 %
1130 - Unemployment Compensation	0	250	250	0.00 %	0	3,000	3,000	0.00 %
1150 - Temporary Personnel	2,894	3,915	1,021	73.92 %	24,342	47,000	22,658	51.79 %
1160 - PERS Retirement	19,030	37,443	18,413	50.82 %	335,731	449,500	113,769	74.69 %
1170 - Medical Insurance	27,250	27,531	280	98.98 %	133,539	330,500	196,961	40.41 %
1180 - Medical Insurance - Retirees	7,654	6,747	-907	113.44 %	39,456	81,000	41,544	48.71 %
1190 - Workers Compensation	3,931	4,240	309	92.72 %	21,273	50,900	29,627	41.79 %
1200 - Life Insurance	378	450	72	84.03 %	1,503	5,400	3,897	27.83 %
1210 - Long Term Disability Insurance	1,155	1,200	45	96.25 %	5,686	14,400	8,714	39.48 %
1220 - Short Term Disability Insurance	229	275	46	83.36 %	1,129	3,300	2,171	34.20 %
1230 - Other Benefits	0	100	100	0.00 %	85	1,200	1,115	7.08 %
1260 - Employee Assistance Program	59	125	66	47.02 %	288	1,500	1,212	19.19 %
1270 - FICA Tax Expense	607	566	-40	107.14 %	2,771	6,800	4,030	40.74 %
1280 - Medicare Tax Expense	2,805	3,107	303	90.26 %	15,220	37,300	22,080	40.80 %
1290 - Staff Development & Training	0	3,074	3,074	0.00 %	4,528	36,900	32,372	12.27 %
1300 - Conference Registration	630	283	-347	222.44 %	2,411	3,400	989	70.93 %
1310 - Professional Dues	0	258	258	0.00 %	1,091	3,100	2,009	35.18 %
1320 - Personnel Recruitment	0	167	167	0.00 %	182	2,000	1,818	9.10 %
<b>Total Level1: 100 - Personnel Costs:</b>	<b>262,387</b>	<b>299,347</b>	<b>36,959</b>	<b>87.65 %</b>	<b>1,556,239</b>	<b>3,593,600</b>	<b>2,037,361</b>	<b>43.31 %</b>
<b>Level1: 200 - Supplies and Services</b>								
2000 - Board Member Compensation	2,430	3,782	1,352	64.25 %	11,070	45,400	34,330	24.38 %
2020 - Board Expenses	0	666	666	0.00 %	1,788	8,000	6,212	22.35 %
2040 - Rent	1,824	1,933	109	94.38 %	9,481	23,200	13,719	40.87 %
2060 - Utilities	2,450	3,232	782	75.80 %	14,113	38,800	24,687	36.37 %
2120 - Insurance Expense	0	3,749	3,749	0.00 %	304	45,000	44,696	0.67 %
2130 - Membership Dues	10,968	2,882	-8,086	380.55 %	26,014	34,600	8,586	75.18 %
2140 - Bank Charges	425	333	-92	127.49 %	1,963	4,000	2,037	49.09 %
2150 - Office Supplies	1,932	1,716	-216	112.60 %	6,331	20,600	14,269	30.73 %
2160 - Courier Expense	582	675	93	86.26 %	2,355	8,100	5,745	29.07 %
2170 - Printing/Photocopy	140	783	643	17.87 %	489	9,400	8,911	5.20 %
2180 - Postage & Shipping	329	533	204	61.66 %	2,694	6,400	3,706	42.09 %
2190 - IT Supplies/Services	3,158	8,330	5,172	37.91 %	51,371	100,000	48,629	51.37 %
2200 - Professional Fees	40,204	29,280	-10,924	137.31 %	126,402	351,500	225,098	35.96 %
2220 - Equipment Repairs & Maintenance	0	625	625	0.00 %	1,988	7,500	5,512	26.50 %
2235 - Equipment Lease	1,032	1,166	134	88.52 %	5,314	14,000	8,686	37.96 %
2240 - Telephone	3,474	3,798	324	91.46 %	17,452	45,600	28,148	38.27 %
2260 - Facility Maintenance	3,188	3,565	377	89.43 %	14,049	42,800	28,751	32.83 %
2270 - Travel Expenses	3,716	2,882	-833	128.92 %	8,521	34,600	26,079	24.63 %

**EXHIBIT 13-E**

137

**Statement of Revenue Over Expense - No Decimals****For Fiscal: 2017-2018 Period Ending: 11/30/2017**

Level...	November Activity	November Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
2280 - Transportation	2,566	2,216	-350	115.80 %	13,236	26,600	13,364	49.76 %
2300 - Legal Services	54,430	33,320	-21,110	163.35 %	97,713	400,000	302,287	24.43 %
2380 - Meeting Expenses	485	533	48	91.06 %	1,330	6,400	5,070	20.77 %
2420 - Legal Notices	0	308	308	0.00 %	0	3,700	3,700	0.00 %
2460 - Public Outreach	0	3,807	3,807	0.00 %	1,393	45,700	44,307	3.05 %
2480 - Miscellaneous	379	250	-129	151.61 %	379	3,000	2,621	12.63 %
2500 - Tax Administration Fee	0	1,666	1,666	0.00 %	0	20,000	20,000	0.00 %
2900 - Operating Supplies	948	1,599	651	59.28 %	5,156	19,200	14,044	26.85 %
<b>Total Level1: 200 - Supplies and Services:</b>	<b>134,660</b>	<b>113,630</b>	<b>-21,030</b>	<b>118.51 %</b>	<b>420,905</b>	<b>1,364,100</b>	<b>943,195</b>	<b>30.86 %</b>
<b>Level1: 300 - Other Expenses</b>								
3000 - Project Expenses	242,072	536,968	294,897	45.08 %	1,134,265	6,446,200	5,311,935	17.60 %
4000 - Fixed Asset Purchases	0	72,254	72,254	0.00 %	8,483	867,400	858,918	0.98 %
5000 - Debt Service	67,019	19,159	-47,860	349.80 %	67,019	230,000	162,981	29.14 %
5500 - Election Expenses	0	0	0	0.00 %	6,863	0	-6,863	0.00 %
6000 - Contingencies	0	6,248	6,248	0.00 %	0	75,000	75,000	0.00 %
6500 - Reserves	0	38,693	38,693	0.00 %	0	464,500	464,500	0.00 %
<b>Total Level1: 300 - Other Expenses:</b>	<b>309,091</b>	<b>673,322</b>	<b>364,231</b>	<b>45.91 %</b>	<b>1,216,629</b>	<b>8,083,100</b>	<b>6,866,471</b>	<b>15.05 %</b>
<b>Total Expense:</b>	<b>706,138</b>	<b>1,086,299</b>	<b>380,161</b>	<b>65.00 %</b>	<b>3,193,772</b>	<b>13,040,800</b>	<b>9,847,028</b>	<b>24.49 %</b>
<b>Report Total:</b>	<b>-24,922</b>	<b>0</b>	<b>-24,922</b>		<b>-1,036,685</b>	<b>0</b>	<b>-1,036,685</b>	

**EXHIBIT 13-E**

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

**For Fiscal: 2017-2018 Period Ending: 11/30/2017**

**Fund Summary**

<b>Fund</b>	<b>November Activity</b>	<b>November Budget</b>	<b>Variance Favorable (Unfavorable)</b>	<b>Percent Used</b>	<b>YTD Activity</b>	<b>Total Budget</b>	<b>Variance Favorable (Unfavorable)</b>	<b>Percent Used</b>
24 - MITIGATION FUND	108,817	0	108,817		-56,569	0	-56,569	
26 - CONSERVATION FUND	67,472	0	67,472		-69,294	0	-69,294	
35 - WATER SUPPLY FUND	-201,211	0	-201,211		-910,822	0	-910,822	
<b>Report Total:</b>	<b>-24,922</b>	<b>0.02</b>	<b>-24,922</b>		<b>-1,036,685</b>	<b>0</b>	<b>-1,036,685</b>	



Monterey Peninsula Water Management Dist

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

For Fiscal: 2017-2018 Period Ending: 11/30/2017

Level...	November Activity	November Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
<b>Fund: 24 - MITIGATION FUND</b>								
<b>Revenue</b>								
R120 - Property Taxes Revenues	0	54,645	-54,645	0.00 %	0	656,000	-656,000	0.00 %
R130 - User Fees	318,362	192,215	126,148	-165.63 %	928,493	2,307,500	-1,379,007	-40.24 %
R160 - Well Registration Fee	400	0	400	0.00 %	1,300	0	1,300	0.00 %
R180 - River Work Permit Application	0	0	0	0.00 %	25	0	25	0.00 %
R190 - WDS Permits Rule 21	2,400	4,665	-2,265	-51.45 %	6,600	56,000	-49,400	-11.79 %
R230 - Miscellaneous - Other	15,000	833	14,167	-1,800.72 %	15,000	10,000	5,000	-150.00 %
R250 - Interest Income	324	208	116	-155.69 %	1,316	2,500	-1,184	-52.63 %
R290 - CAW - Miscellaneous	0	633	-633	0.00 %	0	7,600	-7,600	0.00 %
R310 - Other Reimbursements	0	2,357	-2,357	0.00 %	0	28,300	-28,300	0.00 %
R320 - Grants	0	79,135	-79,135	0.00 %	0	950,000	-950,000	0.00 %
R510 - Operating Reserve	0	8,538	-8,538	0.00 %	0	102,500	-102,500	0.00 %
<b>Total Revenue:</b>	<b>336,487</b>	<b>343,229</b>	<b>-6,743</b>	<b>-98.04 %</b>	<b>952,734</b>	<b>4,120,400</b>	<b>-3,167,666</b>	<b>-23.12 %</b>

**EXHIBIT 13-E**

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

For Fiscal: 2017-2018 Period Ending: 11/30/2017

Level...	November Activity	November Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
<b>Expense</b>								
<b>Level1: 100 - Personnel Costs</b>								
1100 - Salaries & Wages	78,100	82,034	3,934	95.20 %	391,317	984,800	593,483	39.74 %
1110 - Manager's Auto Allowance	92	100	8	92.34 %	185	1,200	1,015	15.38 %
1120 - Manager's Deferred Comp	135	142	6	95.60 %	271	1,700	1,429	15.93 %
1130 - Unemployment Compensation	0	100	100	0.00 %	0	1,200	1,200	0.00 %
1150 - Temporary Personnel	0	67	67	0.00 %	2,927	800	-2,127	365.92 %
1160 - PERS Retirement	7,805	15,627	7,822	49.95 %	141,535	187,600	46,065	75.45 %
1170 - Medical Insurance	11,159	11,204	45	99.60 %	54,919	134,500	79,581	40.83 %
1180 - Medical Insurance - Retirees	3,062	2,699	-363	113.45 %	15,862	32,400	16,538	48.96 %
1190 - Workers Compensation	2,449	2,499	50	98.02 %	13,295	30,000	16,705	44.32 %
1200 - Life Insurance	172	200	28	85.98 %	688	2,400	1,712	28.66 %
1210 - Long Term Disability Insurance	471	483	12	97.59 %	2,348	5,800	3,453	40.47 %
1220 - Short Term Disability Insurance	94	108	15	86.43 %	466	1,300	834	35.85 %
1230 - Other Benefits	0	42	42	0.00 %	34	500	466	6.80 %
1260 - Employee Assistance Program	24	50	26	48.24 %	119	600	481	19.80 %
1270 - FICA Tax Expense	499	242	-257	206.48 %	2,250	2,900	650	77.58 %
1280 - Medicare Tax Expense	1,203	1,216	14	98.88 %	6,523	14,600	8,077	44.68 %
1290 - Staff Development & Training	0	991	991	0.00 %	1,960	11,900	9,940	16.47 %
1300 - Conference Registration	0	117	117	0.00 %	713	1,400	687	50.90 %
1310 - Professional Dues	0	67	67	0.00 %	289	800	511	36.17 %
1320 - Personnel Recruitment	0	67	67	0.00 %	73	800	727	9.10 %
<b>Total Level1: 100 - Personnel Costs:</b>	<b>105,264</b>	<b>118,053</b>	<b>12,788</b>	<b>89.17 %</b>	<b>635,773</b>	<b>1,417,200</b>	<b>781,427</b>	<b>44.86 %</b>
<b>Level1: 200 - Supplies and Services</b>								
2000 - Board Member Compensation	972	1,516	544	64.11 %	4,428	18,200	13,772	24.33 %
2020 - Board Expenses	0	267	267	0.00 %	715	3,200	2,485	22.35 %
2040 - Rent	834	883	49	94.46 %	4,315	10,600	6,285	40.71 %
2060 - Utilities	986	1,299	313	75.91 %	5,679	15,600	9,921	36.40 %
2120 - Insurance Expense	0	1,499	1,499	0.00 %	121	18,000	17,879	0.67 %
2130 - Membership Dues	4,115	908	-3,207	453.23 %	9,217	10,900	1,683	84.56 %
2140 - Bank Charges	170	133	-37	127.49 %	896	1,600	704	56.02 %
2150 - Office Supplies	765	675	-91	113.42 %	2,525	8,100	5,575	31.17 %
2160 - Courier Expense	233	267	34	87.33 %	942	3,200	2,258	29.44 %
2170 - Printing/Photocopy	56	150	94	37.33 %	56	1,800	1,744	3.11 %
2180 - Postage & Shipping	209	217	8	96.38 %	1,155	2,600	1,445	44.42 %
2190 - IT Supplies/Services	1,263	3,332	2,069	37.91 %	19,884	40,000	20,116	49.71 %
2200 - Professional Fees	16,083	11,712	-4,371	137.32 %	49,417	140,600	91,183	35.15 %
2220 - Equipment Repairs & Maintenance	0	250	250	0.00 %	795	3,000	2,205	26.50 %
2235 - Equipment Lease	444	466	23	95.16 %	2,285	5,600	3,315	40.80 %
2240 - Telephone	1,479	1,516	37	97.55 %	7,462	18,200	10,738	41.00 %
2260 - Facility Maintenance	1,275	1,449	174	87.99 %	5,669	17,400	11,731	32.58 %
2270 - Travel Expenses	147	791	644	18.62 %	1,040	9,500	8,460	10.95 %



**EXHIBIT 13-E**

141

**Statement of Revenue Over Expense - No Decimals****For Fiscal: 2017-2018 Period Ending: 11/30/2017**

Level...	November Activity	November Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
2280 - Transportation	2,439	858	-1,581	284.25 %	12,286	10,300	-1,986	119.28 %
2300 - Legal Services	2,449	10,662	8,213	22.97 %	6,696	128,000	121,304	5.23 %
2380 - Meeting Expenses	179	200	21	89.54 %	487	2,400	1,913	20.30 %
2420 - Legal Notices	0	133	133	0.00 %	0	1,600	1,600	0.00 %
2460 - Public Outreach	0	1,524	1,524	0.00 %	429	18,300	17,871	2.34 %
2480 - Miscellaneous	152	100	-52	151.62 %	152	1,200	1,048	12.63 %
2500 - Tax Administration Fee	0	483	483	0.00 %	0	5,800	5,800	0.00 %
2900 - Operating Supplies	46	183	137	25.24 %	84	2,200	2,116	3.81 %
<b>Total Level1: 200 - Supplies and Services:</b>	<b>34,297</b>	<b>41,475</b>	<b>7,178</b>	<b>82.69 %</b>	<b>136,735</b>	<b>497,900</b>	<b>361,165</b>	<b>27.46 %</b>
<b>Level1: 300 - Other Expenses</b>								
3000 - Project Expenses	88,108	149,199	61,090	59.05 %	230,657	1,791,100	1,560,443	12.88 %
4000 - Fixed Asset Purchases	0	16,443	16,443	0.00 %	3,393	197,400	194,007	1.72 %
5500 - Election Expenses	0	0	0	0.00 %	2,745	0	-2,745	0.00 %
6000 - Contingencies	0	2,499	2,499	0.00 %	0	30,000	30,000	0.00 %
6500 - Reserves	0	15,560	15,560	0.00 %	0	186,800	186,800	0.00 %
<b>Total Level1: 300 - Other Expenses:</b>	<b>88,108</b>	<b>183,701</b>	<b>95,593</b>	<b>47.96 %</b>	<b>236,795</b>	<b>2,205,300</b>	<b>1,968,505</b>	<b>10.74 %</b>
<b>Total Expense:</b>	<b>227,669</b>	<b>343,229</b>	<b>115,560</b>	<b>66.33 %</b>	<b>1,009,303</b>	<b>4,120,400</b>	<b>3,111,097</b>	<b>24.50 %</b>
<b>Total Revenues</b>	<b>336,487</b>	<b>343,229</b>	<b>-6,743</b>	<b>-98.04 %</b>	<b>952,734</b>	<b>4,120,400</b>	<b>-3,167,666</b>	<b>-23.12 %</b>
<b>Total Fund: 24 - MITIGATION FUND:</b>	<b>108,817</b>	<b>0</b>	<b>108,817</b>		<b>-56,569</b>	<b>0</b>	<b>-56,569</b>	

**EXHIBIT 13-E**

142

**Statement of Revenue Over Expense - No Decimals****For Fiscal: 2017-2018 Period Ending: 11/30/2017**

Level...	November Activity	November Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
<b>Fund: 26 - CONSERVATION FUND</b>								
<b>Revenue</b>								
R120 - Property Taxes Revenues	0	88,398	-88,398	0.00 %	0	1,061,200	-1,061,200	0.00 %
R130 - User Fees	154,659	93,088	61,571	-166.14 %	379,711	1,117,500	-737,789	-33.98 %
R150 - Permit Processing Fee	23,172	14,578	8,595	-158.96 %	102,866	175,000	-72,134	-58.78 %
R200 - Recording Fees	753	800	-47	-94.16 %	4,242	9,600	-5,358	-44.19 %
R210 - Legal Fees	450	1,333	-883	-33.76 %	1,578	16,000	-14,422	-9.86 %
R250 - Interest Income	3	292	-288	-1.08 %	3,428	3,500	-72	-97.95 %
R270 - CAW - Rebates	9,500	41,650	-32,150	-22.81 %	163,378	500,000	-336,622	-32.68 %
R320 - Grants	0	18,326	-18,326	0.00 %	0	220,000	-220,000	0.00 %
R510 - Operating Reserve	0	200	-200	0.00 %	0	2,400	-2,400	0.00 %
<b>Total Revenue:</b>	<b>188,537</b>	<b>258,663</b>	<b>-70,126</b>	<b>-72.89 %</b>	<b>655,204</b>	<b>3,105,200</b>	<b>-2,449,996</b>	<b>-21.10 %</b>

**EXHIBIT 13-E**

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

**For Fiscal: 2017-2018 Period Ending: 11/30/2017**

Level...	November Activity	November Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
<b>Expense</b>								
<b>Level1: 100 - Personnel Costs</b>								
1100 - Salaries & Wages	45,776	53,662	7,886	85.30 %	229,962	644,200	414,238	35.70 %
1110 - Manager's Auto Allowance	92	100	8	92.34 %	185	1,200	1,015	15.38 %
1120 - Manager's Deferred Comp	135	142	6	95.60 %	271	1,700	1,429	15.93 %
1130 - Unemployment Compensation	0	67	67	0.00 %	0	800	800	0.00 %
1150 - Temporary Personnel	2,894	3,798	904	76.19 %	19,073	45,600	26,527	41.83 %
1160 - PERS Retirement	4,269	8,747	4,477	48.81 %	74,378	105,000	30,622	70.84 %
1170 - Medical Insurance	6,977	7,597	620	91.83 %	33,988	91,200	57,212	37.27 %
1180 - Medical Insurance - Retirees	2,143	1,891	-252	113.34 %	11,008	22,700	11,692	48.49 %
1190 - Workers Compensation	176	225	49	78.19 %	951	2,700	1,749	35.24 %
1200 - Life Insurance	85	100	15	85.41 %	339	1,200	861	28.22 %
1210 - Long Term Disability Insurance	284	325	40	87.54 %	1,393	3,900	2,507	35.72 %
1220 - Short Term Disability Insurance	57	75	18	75.42 %	277	900	623	30.77 %
1230 - Other Benefits	0	25	25	0.00 %	24	300	276	7.93 %
1260 - Employee Assistance Program	15	33	18	45.23 %	73	400	327	18.37 %
1270 - FICA Tax Expense	42	83	41	50.65 %	192	1,000	808	19.22 %
1280 - Medicare Tax Expense	663	800	137	82.92 %	3,601	9,600	5,999	37.52 %
1290 - Staff Development & Training	0	1,191	1,191	0.00 %	2,360	14,300	11,940	16.51 %
1300 - Conference Registration	630	67	-563	945.38 %	1,129	800	-329	141.10 %
1310 - Professional Dues	0	125	125	0.00 %	744	1,500	756	49.61 %
1320 - Personnel Recruitment	0	50	50	0.00 %	51	600	549	8.49 %
<b>Total Level1: 100 - Personnel Costs:</b>	<b>64,239</b>	<b>79,102</b>	<b>14,862</b>	<b>81.21 %</b>	<b>380,000</b>	<b>949,600</b>	<b>569,600</b>	<b>40.02 %</b>
<b>Level1: 200 - Supplies and Services</b>								
2000 - Board Member Compensation	680	1,058	378	64.32 %	3,100	12,700	9,600	24.41 %
2020 - Board Expenses	0	183	183	0.00 %	501	2,200	1,699	22.76 %
2040 - Rent	218	233	15	93.52 %	1,192	2,800	1,608	42.56 %
2060 - Utilities	668	883	215	75.64 %	3,859	10,600	6,741	36.41 %
2120 - Insurance Expense	0	1,050	1,050	0.00 %	85	12,600	12,515	0.67 %
2130 - Membership Dues	3,561	1,250	-2,311	284.97 %	9,428	15,000	5,572	62.85 %
2140 - Bank Charges	119	92	-27	129.48 %	448	1,100	652	40.74 %
2150 - Office Supplies	536	491	-44	109.00 %	1,767	5,900	4,133	29.96 %
2160 - Courier Expense	163	192	29	85.06 %	659	2,300	1,641	28.67 %
2170 - Printing/Photocopy	39	508	469	7.71 %	39	6,100	6,061	0.64 %
2180 - Postage & Shipping	56	142	86	39.55 %	718	1,700	982	42.25 %
2190 - IT Supplies/Services	884	2,332	1,448	37.91 %	13,903	28,000	14,097	49.65 %
2200 - Professional Fees	11,257	8,197	-3,060	137.33 %	34,525	98,400	63,875	35.09 %
2220 - Equipment Repairs & Maintenance	0	175	175	0.00 %	557	2,100	1,543	26.50 %
2235 - Equipment Lease	248	325	77	76.26 %	1,287	3,900	2,613	33.01 %
2240 - Telephone	923	1,016	94	90.78 %	4,630	12,200	7,570	37.95 %
2260 - Facility Maintenance	893	933	40	95.68 %	3,909	11,200	7,291	34.91 %
2270 - Travel Expenses	177	1,416	1,239	12.52 %	1,790	17,000	15,210	10.53 %

**EXHIBIT 13-E**

144

**Statement of Revenue Over Expense - No Decimals****For Fiscal: 2017-2018 Period Ending: 11/30/2017**

Level...	November Activity	November Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
2280 - Transportation	58	500	442	11.66 %	468	6,000	5,532	7.80 %
2300 - Legal Services	3,351	5,998	2,647	55.87 %	12,191	72,000	59,809	16.93 %
2380 - Meeting Expenses	148	175	27	84.65 %	411	2,100	1,689	19.55 %
2420 - Legal Notices	0	58	58	0.00 %	0	700	700	0.00 %
2460 - Public Outreach	0	1,066	1,066	0.00 %	472	12,800	12,328	3.69 %
2480 - Miscellaneous	106	67	-39	159.18 %	106	800	694	13.26 %
2500 - Tax Administration Fee	0	475	475	0.00 %	0	5,700	5,700	0.00 %
2900 - Operating Supplies	902	1,266	364	71.23 %	5,058	15,200	10,142	33.28 %
<b>Total Level1: 200 - Supplies and Services:</b>	<b>24,986</b>	<b>30,080</b>	<b>5,094</b>	<b>83.07 %</b>	<b>101,104</b>	<b>361,100</b>	<b>259,996</b>	<b>28.00 %</b>
<b>Level1: 300 - Other Expenses</b>								
3000 - Project Expenses	31,839	96,886	65,047	32.86 %	239,098	1,163,100	924,002	20.56 %
4000 - Fixed Asset Purchases	0	42,150	42,150	0.00 %	2,375	506,000	503,625	0.47 %
5500 - Election Expenses	0	0	0	0.00 %	1,922	0	-1,922	0.00 %
6000 - Contingencies	0	1,749	1,749	0.00 %	0	21,000	21,000	0.00 %
6500 - Reserves	0	8,697	8,697	0.00 %	0	104,400	104,400	0.00 %
<b>Total Level1: 300 - Other Expenses:</b>	<b>31,839</b>	<b>149,482</b>	<b>117,642</b>	<b>21.30 %</b>	<b>243,395</b>	<b>1,794,500</b>	<b>1,551,105</b>	<b>13.56 %</b>
<b>Total Expense:</b>	<b>121,065</b>	<b>258,663</b>	<b>137,598</b>	<b>46.80 %</b>	<b>724,498</b>	<b>3,105,200</b>	<b>2,380,702</b>	<b>23.33 %</b>
<b>Total Revenues</b>	<b>188,537</b>	<b>258,663</b>	<b>-70,126</b>	<b>-72.89 %</b>	<b>655,204</b>	<b>3,105,200</b>	<b>-2,449,996</b>	<b>-21.10 %</b>
<b>Total Fund: 26 - CONSERVATION FUND:</b>	<b>67,472</b>	<b>0</b>	<b>67,472</b>		<b>-69,294</b>	<b>0</b>	<b>-69,294</b>	

**EXHIBIT 13-E**

145

**Statement of Revenue Over Expense - No Decimals****For Fiscal: 2017-2018 Period Ending: 11/30/2017**

Level...	November Activity	November Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
<b>Fund: 35 - WATER SUPPLY FUND</b>								
<b>Revenue</b>								
R100 - Water Supply Charge	0	283,220	-283,220	0.00 %	0	3,400,000	-3,400,000	0.00 %
R120 - Property Taxes Revenues	0	2,732	-2,732	0.00 %	0	32,800	-32,800	0.00 %
R130 - User Fees	78,355	0	78,355	0.00 %	300,315	0	300,315	0.00 %
R140 - Connection Charges	77,564	20,825	56,739	-372.46 %	226,701	250,000	-23,299	-90.68 %
R220 - Copy Fee	10	0	10	0.00 %	50	0	50	0.00 %
R230 - Miscellaneous - Other	0	833	-833	0.00 %	226	10,000	-9,774	-2.26 %
R250 - Interest Income	263	1,166	-903	-22.59 %	3,053	14,000	-10,947	-21.81 %
R260 - CAW - ASR	0	52,929	-52,929	0.00 %	0	635,400	-635,400	0.00 %
R265 - CAW - Los Padres Reimbursement	0	43,733	-43,733	0.00 %	0	525,000	-525,000	0.00 %
R290 - CAW - Miscellaneous	0	1,949	-1,949	0.00 %	0	23,400	-23,400	0.00 %
R300 - Watermaster	0	6,214	-6,214	0.00 %	18,805	74,600	-55,795	-25.21 %
R308 - Reclamation Project	0	1,666	-1,666	0.00 %	0	20,000	-20,000	0.00 %
R310 - Other Reimbursements	0	83	-83	0.00 %	0	1,000	-1,000	0.00 %
R320 - Grants	0	6,664	-6,664	0.00 %	0	80,000	-80,000	0.00 %
R510 - Operating Reserve	0	62,392	-62,392	0.00 %	0	749,000	-749,000	0.00 %
<b>Total Revenue:</b>	<b>156,192</b>	<b>484,406</b>	<b>-328,214</b>	<b>-32.24 %</b>	<b>549,150</b>	<b>5,815,200</b>	<b>-5,266,050</b>	<b>-9.44 %</b>

**EXHIBIT 13-E**

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

For Fiscal: 2017-2018 Period Ending: 11/30/2017

Level...	November Activity	November Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
<b>Expense</b>								
<b>Level1: 100 - Personnel Costs</b>								
1100 - Salaries & Wages	70,751	72,721	1,969	97.29 %	343,450	873,000	529,550	39.34 %
1110 - Manager's Auto Allowance	277	300	23	92.34 %	554	3,600	3,046	15.38 %
1120 - Manager's Deferred Comp	406	417	10	97.52 %	812	5,000	4,188	16.25 %
1130 - Unemployment Compensation	0	83	83	0.00 %	0	1,000	1,000	0.00 %
1150 - Temporary Personnel	0	50	50	0.00 %	2,342	600	-1,742	390.31 %
1160 - PERS Retirement	6,956	13,070	6,114	53.22 %	119,817	156,900	37,083	76.37 %
1170 - Medical Insurance	9,115	8,730	-385	104.41 %	44,632	104,800	60,168	42.59 %
1180 - Medical Insurance - Retirees	2,449	2,157	-292	113.53 %	12,586	25,900	13,314	48.60 %
1190 - Workers Compensation	1,306	1,516	210	86.14 %	7,026	18,200	11,174	38.60 %
1200 - Life Insurance	121	150	29	80.51 %	477	1,800	1,323	26.47 %
1210 - Long Term Disability Insurance	399	392	-7	101.83 %	1,945	4,700	2,755	41.38 %
1220 - Short Term Disability Insurance	79	92	13	86.25 %	386	1,100	714	35.06 %
1230 - Other Benefits	0	33	33	0.00 %	27	400	373	6.80 %
1260 - Employee Assistance Program	20	42	22	46.99 %	96	500	404	19.12 %
1270 - FICA Tax Expense	66	242	176	27.28 %	328	2,900	2,572	11.32 %
1280 - Medicare Tax Expense	939	1,091	152	86.04 %	5,095	13,100	8,005	38.89 %
1290 - Staff Development & Training	0	891	891	0.00 %	208	10,700	10,492	1.94 %
1300 - Conference Registration	0	100	100	0.00 %	570	1,200	630	47.51 %
1310 - Professional Dues	0	67	67	0.00 %	57	800	743	7.16 %
1320 - Personnel Recruitment	0	50	50	0.00 %	58	600	542	9.71 %
<b>Total Level1: 100 - Personnel Costs:</b>	<b>92,884</b>	<b>102,192</b>	<b>9,309</b>	<b>90.89 %</b>	<b>540,466</b>	<b>1,226,800</b>	<b>686,334</b>	<b>44.05 %</b>
<b>Level1: 200 - Supplies and Services</b>								
2000 - Board Member Compensation	778	1,208	430	64.38 %	3,542	14,500	10,958	24.43 %
2020 - Board Expenses	0	217	217	0.00 %	572	2,600	2,028	22.01 %
2040 - Rent	772	816	45	94.54 %	3,974	9,800	5,826	40.55 %
2060 - Utilities	796	1,050	254	75.81 %	4,574	12,600	8,026	36.30 %
2120 - Insurance Expense	0	1,200	1,200	0.00 %	97	14,400	14,303	0.67 %
2130 - Membership Dues	3,292	725	-2,567	454.27 %	7,369	8,700	1,331	84.70 %
2140 - Bank Charges	136	108	-28	125.81 %	619	1,300	681	47.62 %
2150 - Office Supplies	631	550	-81	114.80 %	2,039	6,600	4,561	30.89 %
2160 - Courier Expense	186	217	30	85.99 %	754	2,600	1,846	28.98 %
2170 - Printing/Photocopy	45	125	80	35.85 %	394	1,500	1,106	26.24 %
2180 - Postage & Shipping	64	175	111	36.59 %	821	2,100	1,279	39.09 %
2190 - IT Supplies/Services	1,011	2,666	1,655	37.91 %	17,584	32,000	14,416	54.95 %
2200 - Professional Fees	12,865	9,371	-3,494	137.28 %	42,461	112,500	70,039	37.74 %
2220 - Equipment Repairs & Maintenance	0	200	200	0.00 %	636	2,400	1,764	26.50 %
2235 - Equipment Lease	341	375	34	90.88 %	1,741	4,500	2,759	38.70 %
2240 - Telephone	1,073	1,266	194	84.72 %	5,360	15,200	9,840	35.26 %
2260 - Facility Maintenance	1,020	1,183	163	86.25 %	4,471	14,200	9,729	31.49 %
2270 - Travel Expenses	3,391	675	-2,716	502.57 %	5,691	8,100	2,409	70.26 %

**EXHIBIT 13-E**

147

**Statement of Revenue Over Expense - No Decimals****For Fiscal: 2017-2018 Period Ending: 11/30/2017**

Level...	November Activity	November Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
2280 - Transportation	69	858	789	8.02 %	482	10,300	9,818	4.68 %
2300 - Legal Services	48,629	16,660	-31,969	291.89 %	78,826	200,000	121,174	39.41 %
2380 - Meeting Expenses	158	158	0	100.07 %	432	1,900	1,468	22.72 %
2420 - Legal Notices	0	117	117	0.00 %	0	1,400	1,400	0.00 %
2460 - Public Outreach	0	1,216	1,216	0.00 %	491	14,600	14,109	3.37 %
2480 - Miscellaneous	121	83	-38	145.55 %	121	1,000	879	12.12 %
2500 - Tax Administration Fee	0	708	708	0.00 %	0	8,500	8,500	0.00 %
2900 - Operating Supplies	0	150	150	0.00 %	14	1,800	1,786	0.78 %
<b>Total Level1: 200 - Supplies and Services:</b>	<b>75,377</b>	<b>42,075</b>	<b>-33,302</b>	<b>179.15 %</b>	<b>183,066</b>	<b>505,100</b>	<b>322,034</b>	<b>36.24 %</b>
<b>Level1: 300 - Other Expenses</b>								
3000 - Project Expenses	122,124	290,884	168,760	41.98 %	664,510	3,492,000	2,827,490	19.03 %
4000 - Fixed Asset Purchases	0	13,661	13,661	0.00 %	2,714	164,000	161,286	1.66 %
5000 - Debt Service	67,019	19,159	-47,860	349.80 %	67,019	230,000	162,981	29.14 %
5500 - Election Expenses	0	0	0	0.00 %	2,196	0	-2,196	0.00 %
6000 - Contingencies	0	1,999	1,999	0.00 %	0	24,000	24,000	0.00 %
6500 - Reserves	0	14,436	14,436	0.00 %	0	173,300	173,300	0.00 %
<b>Total Level1: 300 - Other Expenses:</b>	<b>189,143</b>	<b>340,139</b>	<b>150,996</b>	<b>55.61 %</b>	<b>736,439</b>	<b>4,083,300</b>	<b>3,346,861</b>	<b>18.04 %</b>
<b>Total Expense:</b>	<b>357,404</b>	<b>484,406</b>	<b>127,002</b>	<b>73.78 %</b>	<b>1,459,971</b>	<b>5,815,200</b>	<b>4,355,229</b>	<b>25.11 %</b>
<b>Total Revenues</b>	<b>156,192</b>	<b>484,406</b>	<b>-328,214</b>	<b>-32.24 %</b>	<b>549,150</b>	<b>5,815,200</b>	<b>-5,266,050</b>	<b>-9.44 %</b>
<b>Total Fund: 35 - WATER SUPPLY FUND:</b>	<b>-201,211</b>	<b>0</b>	<b>-201,211</b>		<b>-910,822</b>	<b>0</b>	<b>-910,822</b>	
<b>Report Total:</b>	<b>-24,922</b>	<b>0</b>	<b>-24,922</b>		<b>-1,036,685</b>	<b>0</b>	<b>-1,036,685</b>	

**EXHIBIT 13-E****Statement of Revenue Over Expense - No Decimals**

148

For Fiscal: 2017-2018 Period Ending: 11/30/2017

**Fund Summary**

<b>Fund</b>	<b>November Activity</b>	<b>November Budget</b>	<b>Variance Favorable (Unfavorable)</b>	<b>Percent Used</b>	<b>YTD Activity</b>	<b>Total Budget</b>	<b>Variance Favorable (Unfavorable)</b>	<b>Percent Used</b>
24 - MITIGATION FUND	108,817	0	108,817		-56,569	0	-56,569	
26 - CONSERVATION FUND	67,472	0	67,472		-69,294	0	-69,294	
35 - WATER SUPPLY FUND	-201,211	0	-201,211		-910,822	0	-910,822	
<b>Report Total:</b>	<b>-24,922</b>	<b>0.02</b>	<b>-24,922</b>		<b>-1,036,685</b>	<b>0</b>	<b>-1,036,685</b>	



**ITEM: PUBLIC HEARING****17. CONSIDER ADOPTION OF JANUARY THROUGH MARCH 2018 QUARTERLY WATER SUPPLY STRATEGY AND BUDGET**

<b>Meeting Date:</b>	<b>January 24, 2018</b>	<b>Budgeted:</b>	<b>N/A</b>
<b>From:</b>	<b>Dave Stoldt, General Manager</b>	<b>Program/ Line Item No.:</b>	<b>N/A</b>
<b>Prepared By:</b>	<b>Kevan Urquhart &amp; Jonathan Lear</b>	<b>Cost Estimate:</b>	<b>N/A</b>

**General Counsel Review: N/A****Committee Recommendation: N/A****CEQA Compliance: Notice of Exemption, CEQA, Article 19, Section 15301 (Class 1)****ESA Compliance: Consistent with the September 2001 and February 2009 Conservation Agreements between the National Marine Fisheries Service and California American Water to minimize take of listed steelhead in the Carmel River and Consistent with SWRCB WR Order Nos. 95-10, 98-04, 2002-0002, and 2016-0016.**

**SUMMARY:** The Board will accept public comment and take action on the January through March 2018 Quarterly Water Supply Strategy and Budget for California American Water's (Cal-Am's) Main and Laguna Seca Subarea Water Distribution Systems (WDS), which are within the Monterey Peninsula Water Resources System (MPWRS). The proposed budget, which is included as **Exhibits 17-A and 17-B**, shows monthly production by source of supply that is required to meet projected customer demand in Cal-Am's Main and Laguna Seca Subarea systems, i.e., Ryan Ranch, Bishop, and Hidden Hills, during the January through March 2018 period. The proposed strategy and budget is designed to maximize the long-term production potential and protect the environmental quality of the Seaside Groundwater and Carmel River Basins.

**Exhibit 17-A** shows the anticipated production by Cal-Am's Main system for each production source and the actual production values for the water year to date through the end of November 2017. Please note that the anticipated production values assume that Cal-Am's annual Main system production for Water Year (WY) 2018 will not exceed 10,130 acre-feet (AF), including a maximum of 1,820 AF from the Coastal Subareas of the Seaside Groundwater Basin, an estimated 0 AF from ASR Phase 1 and 2 recovery, an estimated 300 AF from the Sand City Desalination Plant, and approximately 8,010 AF from the Carmel River Basin. The total from the Carmel River Basin is consistent with State Water Resources Control Board (SWRCB) Order Nos. 95-10, 98-04, 2002-0002, and 2016-0016, and the total from the Seaside Groundwater Basin is consistent with the Seaside Basin adjudication decision. Both of these limits are subject to change, pending future regulatory actions. Cal-Am is allowed to produce water for in-basin use under its "Table 13 Water Rights", when bypass flows are adequate to do so. These production amounts may be up to 38, 52, and 56 AF, respectively in each of the three consecutive months of this quarter. In compliance with WRO 2016-0016, any water diverted under these rights must be used to reduce unlawful diversion from the Carmel River Basin.

**Exhibit 17-B** shows the anticipated production by Cal-Am's Laguna Seca Subarea systems for each production source, and the actual production values for WY 2018 to date through the end of November 2017. Please note that the anticipated production values assume that Cal-Am's annual Laguna Seca Subarea systems' production will not exceed 0 AF. This total is consistent with the Seaside Basin adjudication decision.

**RECOMMENDATION:** The Board should receive public input, close the Public Hearing, and discuss the proposed quarterly water supply budget. District staff recommends adoption of the proposed budget. The budget is described in greater detail in **Exhibit 17-C**, Quarterly Water Supply Strategy Report: January – March 2018.

**BACKGROUND:** The Quarterly Water Supply Strategy and Budget pertains to production within Cal-Am's Main and Laguna Seca Subarea systems for the three-month period of January, February, and March 2018. Staff from the District, Cal-Am, the National Marine Fisheries Services (NMFS), and the California Department of Fish and Wildlife (CDFW) cooperatively developed this strategy on December 17, 2017. The State Water Resources Control Board's Division of Water Rights (SWRCB-DWR) monitored the meeting by conference line. The United States Fish and Wildlife Service (USFWS) were unable to attend, but received the briefing materials for the meeting.

To meet customer demand in its main system, Cal-Am intends for now to target production of approximately 0 AF per month of groundwater from its wells in the Upper Carmel Valley during January, February, and March 2018. If flows consistently exceed 20 cfs at the District's Don Juan Gage, Cal-Am could legally begin production from its Upper Carmel Valley Wells, so these values could change. Similarly, Cal-Am will target production of approximately 673, 559, and 716 AF of groundwater from its wells in the Lower Carmel Valley during January, February, and March 2018, respectively. The permitted diversion season for ASR began again on December 1, which is during this first quarter of WY 2018. Diversions to storage for ASR Phase 1 and 2 have not yet begun, but will be initiated whenever flows in the river are legally adequate to do so. For planning purposes, staff have scheduled diversions to ASR storage based on the long-term average diversion rate predicted by the Carmel Valley Simulation Model (CVSIM) for each month, and so have scheduled 230, 320, and 345 AF for the three months of the second quarter, respectively. Cal-Am may also produce 38, 52, and 56 AF in each of the consecutive three months of this quarter, respectively, under Table 13 Water Rights for in-basin use within Carmel Valley.

It was also agreed that, subject to rainfall and runoff conditions in the Carmel River Basin, Cal-Am may continue to produce water from the Coastal Subareas of the Seaside Basin during this period, if necessary to meet system demand and facilitate ASR diversions to storage. Cal-Am projected production of native groundwater from the Seaside Basin of 100 AF in each of the months of January, February, and March 2018, respectively. There was also a projected goal of producing an additional 25 AF of treated brackish groundwater from the Sand City Desalination Plant in each of these three months.

In addition, it was also agreed that Cal-Am's projected legal production of groundwater from its wells in the Laguna Seca Subarea for its customers in the Ryan Ranch, Bishop, and Hidden Hills systems would be 0 AF per month during January, February, and March 2016, respectively. Lastly,

it was agreed that Cal-Am will operate its wells in the Lower Carmel Valley in a downstream-to-upstream order.

Rule 101, Section B of the District Rules and Regulations requires that a Public Hearing be held at the time of determination of the District water supply management strategy. Adoption of the quarterly water supply strategy and budget is categorically exempt from the California Environmental Quality Act (CEQA) requirements as per Article 19, Section 15301 (Class 1). A Notice of Exemption will be filed with the Monterey County Clerk's office, pending Board action on this item.

#### **EXHIBITS**

- 17-A** Quarterly Water Supply Strategy and Budget for Cal-Am Main System: January – March 2018
- 17-B** Quarterly Water Supply Strategy and Budget for Cal-Am Subsystems: January – March 2018
- 17-C** Quarterly Water Supply Strategy and Budget Report: January – March 2018



**California American Water Main Distribution System  
Quarterly Water Supply Strategy and Budget: January - March 2018**

**Proposed Production Targets by Source in Acre-Feet**

SOURCE/USE	MONTH			YEAR-TO-DATE		
	Jan-18	Feb-18	Mar-18	Oct-17 - Nov-17	% of YTD	% of Annual Budget
<b>Source</b>						
Carmel Valley Aquifer						
Upper Subunits (Service)	0	0	0	0	0%	NA
Lower Subunits (Service)	673	559	716	953	131%	12%
ASR Diversion	230	320	345	0		
Table 13 Diversion (Service)	38	52	56	0		
<b>Total</b>	941	931	1,117			
<b>Total to count against CDO</b>	<b>941</b>	<b>931</b>	<b>822</b>			
Seaside Groundwater Basin						
Coastal Subareas	100	100	100	669	167%	37%
Phase 1 and 2 ASR Recovery	0	0	0	0	0%	0%
Sand City Desalination	25	25	25	17	33%	6%
<b>Total</b>	125	125	125	685		
<b>Use</b>						
Customer Service	530	312	440	1,638		
Phase 1 and 2 ASR Storage	230	320	345	0		
Table 13 In Basin use	38	52	56	0		
<b>Total</b>	<b>798</b>	<b>684</b>	<b>841</b>	<b>1,638</b>		

Notes:

- The annual budget period corresponds to the Water Year, which begins on October 1 and ends on September 30 of the following Calendar Year.
- Total monthly production for "Customer Service" in CAW's main system was calculated by multiplying total annual production (10,130 AF) times the average percentage of annual production for January, February and March (7.9%, 6.8%, and 8.3%, respectively). According to District Rule 160, the annual production total was based on the assumption that production from the Coastal Subareas of the Seaside Groundwater Basin would not exceed 1,820 AF and production from Carmel River sources, without adjustments for water produced from water resources projects, would not exceed 8,310 AF in WY 2018. The average production percentages were based on monthly data for customer service from WY 2012 to 2015.
- Anticipated production for ASR injection is based on an average diversion rate of approximately 4,500 gallons per minute (gpm) or 19.9 AF per day from CAW's sources in the Carmel River Basin. "Total" monthly CAW "Use" includes water for customer service and water for injection into the Seaside Basin.
- The production targets for CAW's wells in the Seaside Coastal Subareas are based on the assumption that sufficient flow will occur in the Carmel River at the targeted levels, to support ASR injection. It is planned that Coastal Subarea pumping will not occur, or will be proportionally reduced, if ASR injection does not occur at targeted levels.
- The production targets for CAW's wells in the Seaside Coastal Subareas are based on the need for CAW to produce its full Standard Allocation during WY 2018 to be in compliance with SWRCB WRO No. 95-10.
- It should be noted that monthly totals for Carmel Valley Aquifer sources may be different than those shown in MPWMD Rule 160, Table XV-3. These differences result from monthly target adjustments needed to be consistent with SWRCB WRO 98-04, which describes how Cal-Am Seaside Wellfield is to be used to offset production in Carmel Valley during low-flow periods. Adjustments are also made to the Quarterly Budgets to ensure that compliance is achieved on an annual basis with MPWMD Rule 160 totals.
- Table 13 values reflect source/use estimates based on SWRCB Permit 21330, which allows diversions from the CVA for "In Basin use" (3.25 AFD) when flows in the River exceed threshold values. In accordance with Water Rights Permits 21330 and CDO2009-0060, water produced and consumed under this right is subtracted from the CVA annual base amount. Actual values will be dependant on the number of days flows exceed minimum daily instream flow requirements.



**EXHIBIT 17-B**

**California American Water Highway 68 Distribution Systems  
Quarterly Water Supply Strategy and Budget: January - March 2018**

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

SOURCE/USE	MONTH			YEAR-TO-DATE		
	Jan-18	Feb-18	Mar-18	Oct-17 - Nov-17	% of YTD	% of Annual Budget
<b><u>Source</u></b>						
Seaside Groundwater Basin						
Laguna Seca Subarea	0	0	0		59	
Other	0	0	0		0	
<b><u>Use</u></b>						
Customer Service	0	0	0			
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>		<b>59</b>	

## Notes:

- The annual budget period corresponds to the Water Year, which begins on October 1 and ends on September 30 of the following Calendar Year.
- Total monthly production for "Customer Service" in CAW's Highway 68 systems was calculated by multiplying total annual production (0 AF) times the average percentage of annual production for January, February, and March (6.8%, 5.5%, and 7.0%, respectively). The annual production total was based on the assumption that production from the Laguna Seca Subarea of the Seaside Groundwater Basin would not exceed 0 AF. The average production percentages were based on monthly data for customer service from WY 2012 to 2015. The 0 AF annual production limit is based on procedures specified in the Seaside Basin Adjudication Decision.
- It should be noted that, based on recent historical use, actual monthly use will likely exceed the proposed monthly production targets. In this context, the production targets represent the maximum monthly production that should occur so that CAW remains within its Standard Production Allocation for the Laguna Seca Subarea specified in the Seaside Decision. Accordingly, actual production beyond these production targets will be subject to replenishment assessment by the Seaside Basin Watermaster.
- "Other" production sources refer to supplies transferred to Highway 68 customers from CAW's Carmel River sources, water rights acquired from other producers in the Seaside Basin, or supplies transferred from other systems outside of the Laguna Seca Subarea to produce additional water.
- The production targets for CAW's wells in the Seaside Coastal Subareas are based on the need for CAW to produce its full Standard Allocation during WY 2018 to be in compliance with SWRCB WRO No. 95-10.
- Year to date production numbers are estimated pending finalization of CAW production data.
- As approved by MPWMD Board on 8/17/2015, an allocation of 3.41 AF production (3.17 AF metered sales) is transferred to CHOMP within the Ryan Ranch Unit of CalAm (in the Laguna Seca Sub-Area) from Cypress Pacific Standard Producer in the Coastal Sub-Area.





## EXHIBIT 17-C

### **Quarterly Water Supply Strategy and Budget Report California American Water Main Water Distribution System: January – March 2018**

#### 1. Management Objectives

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

#### 2. Quarterly Water Supply Strategy: January - March 2018

On December 12, 2017, staff from the District, Cal-Am, the National Marine Fisheries Services (NMFS), and the California Department of Fish and Wildlife (CDFW) met and discussed the proposed water supply strategy and related topics for the remainder of December 2017 and the January-March 2018 period. The State Water Resources Control Board's Division of Water Rights (SWRCB-DWR) monitored the meeting by conference line. The United States Fish and Wildlife Service (USFWS) were unable to attend, but received the briefing materials for the meeting. Currently, flow in the Carmel River is still predominantly regulated by releases from Los Padres Dam (LPD), bolstered somewhat by flows from a few of the tributaries and surface runoff in the lower river during rain events. Los Padres Reservoir (LPR) has not yet filled and spilled. The LPD notch flashboard will remain in place from now on, as the new smolt passage facility has been installed to enhance smolt emigration. Flow in the Carmel River has been continuous to the lagoon year round in Water Year (WY) 2017 and so far in WY 2018, and the mouth reopened on January 8, after being closed since July 14, 2017. Rainfall and unimpaired runoff information for WY 2018 to date, through December 2017 was 1.02 inches and 905 AF, respectively. These values are 85% below and 63% below the mean year-to-date, respectively, through December of the WY.

**Carmel River Basin** Cal-Am will operate its wells in the Lower Carmel Valley in a downstream-to-upstream sequence, as needed to meet customer demand. For this quarterly water budget, it was agreed that Cal-Am would plan to produce 0 acre-feet (AF) of groundwater per month from its wells in the Upper Carmel Valley during January through March 2018. However, Cal-Am has the option of producing water from those wells if flow in the Carmel River at the District's Don Juan Bridge gage in Garland Park is consistently over 20 or more cubic feet per second (cfs), which justifies operations allowed under the less restrictive high-flow period, when Cal-Am can operate these wells whenever needed. Flow in the Carmel River at the District's Don Juan Bridge gage in

## EXHIBIT 17-C

### **Quarterly Water Supply Strategy and Budget Report California American Water Main Water Distribution System: January – March 2018**

Garland Park has only been over 20 cfs for very short periods of time so far (4 days in November and 3 to-date in January). In addition, it was projected that Cal-Am would produce approximately 673, 559, and 716 AF of groundwater from its wells in the Lower Carmel Valley for customer service, and 38, 52, and 56 AF for Table 13 water rights holders during January, February, and March 2018, respectively.

Releases from LPR have averaged 10.3 cfs for the first 11 days of January, and had been reduced 10% since December 2017 to stretch wise utilization of the small amount of remaining LPR storage through February, if conditions remained dry. As of January 10, 2018, LPR was at 1030.28 feet of surface elevation, 9.5 feet below the spillway, which is equal to 545.1 acre-feet below full. The Fish Ladder that serves the Trap and Truck, Fish Passage Facility at LPD is not yet operational, as the lagoon just opened and adult fish passage flows have only been minimally adequate for a few days. The new Smolt Emigration Facility is not yet operational, as the water surface elevation in the reservoir is not yet high enough to operate it. As of January 11, 2018, flow levels in the Carmel River provided good to excellent downstream passage flows for juvenile steelhead for the 22.2 miles between LPD and the lagoon, and on into the ocean. Flows for adult passage below LPD through January 11, 2018 continue to be marginal to inadequate. December flow at the Sleepy Hollow Weir [RM 12.69] and Don Juan Bridge in Garland Park [RM 10.78] averaged 16.0 and 16.8 cfs, respectively, which avoided any main-stem river dry-back in WY 2017, and provided significant flow and habitat in the lower Carmel River for resident juvenile steelhead year round. Even with the better flows after four years of drought, the District's Sleepy Hollow Steelhead Rearing Facility was not operated because no main-stem rescues were necessary, and all fish rescued from the tributaries in the lower 15 miles were released near their confluence with the main-stem river to rear naturally, as desired by CDFW and NMFS.

Lastly, it was assumed that 230, 320, and 345 AF of groundwater would be diverted from the Carmel River Basin and injected into the Seaside Groundwater Basin for ASR during January, February, and March 2018, respectively. Because of the uncertainty in predicting future rainfall and runoff amounts, this assumption is subject to change in practice. The remaining ASR storage from prior WYs has not yet been allocated, but may be allocated at one of the next Quarterly Water Supply Strategy and Budget meetings in March or June, for production in April through September 2018, along with any storage achieved in WY 2018.

**Seaside Groundwater Basin** It was also agreed that, subject to rainfall and runoff conditions in the Carmel River Basin, Cal-Am would continue to produce water from the Coastal Subareas of the Seaside Basin during this period, if necessary to meet system demand and facilitate ASR diversions to storage. Cal-Am was projected to produce 100 AF of native groundwater from the Seaside Basin in each of the months of January, February, and March 2018, respectively. There was also a projected goal of producing an additional 25 AF of treated brackish groundwater from

**EXHIBIT 17-C****Quarterly Water Supply Strategy and Budget Report  
California American Water  
Main Water Distribution System: January – March 2018**

the Sand City Desalination Plant in each of these three months. Due to groundwater quality problems, the Sand City Desalination Plant target has not yet been met this year, and will be unlikely to be met until significant rain recharges and dilutes the source basin in the Sand city area. It was also agreed that Cal-Am would attempt to produce only 0 AF of groundwater from its wells in the Laguna Seca Subarea of the Seaside Basin for customers in the Ryan Ranch, Bishop, and Hidden Hills systems during January, February, and March 2018, respectively. It is recognized that, based on recent historical use, Cal-Am's actual production from the Laguna Seca Subarea during this period will exceed the proposed monthly targets, which are based on Cal-Am's allocation specified in the Seaside Basin Adjudication Decision. For example, in the January through March 2017 period, Cal-Am produced 16 to 20 AF per month from the Laguna Seca Subarea to meet customer demand in the Ryan Ranch, Bishop, and Hidden Hills systems, and averaged 25 AF per month in WY 2017. In this context, the production targets represent the maximum monthly production that should occur so that Cal-Am remains within its adjudicated allocation for the Laguna Seca Subarea. Under the amended Seaside Basin Decision, Cal-Am is allowed to use production savings in the Coastal Subareas to offset over-production in the Laguna Seca Subarea. However, not much if any production savings are likely with the restrictions imposed on Carmel River diversions by the State Water Resources Control Board's Water Rights Order No. 2016-0016, though such savings were available in Water Year, 2016.



**ITEM: CONSENT CALENDAR****18. CONSIDER FUNDING REBATES IN THE CALIFORNIA AMERICAN WATER SYSTEM BETWEEN JANUARY 1, 2018 AND THE AVAILABILITY OF FUNDING FROM THE CAL-AM GENERAL RATE CASE**

<b>Meeting Date:</b>	<b>January 24, 2018</b>	<b>Budgeted:</b>	<b>No</b>
<b>From:</b>	<b>David J. Stoldt, General Manager</b>	<b>Program/ Line Item No.:</b>	<b>N/A</b>
<b>Prepared By:</b>	<b>Stephanie Locke</b>	<b>Cost Estimate:</b>	<b>\$270,000</b>

**General Counsel Review: N/A****Committee Recommendation: The Administrative Committee reviewed this item on January 17, 2018 and recommended approval.****CEQA Compliance: This action does not constitute a project as defined by the California Environmental Quality Act Guidelines section 15378.**

**SUMMARY:** The District and California American Water's (Cal-Am) Rebate Program is funded through a customer surcharge that is renewed as part of Cal-Am's General Rate Cases (GRC) every three years. The 2015-2017 GRC ended December 31, 2017, and all Rebate funding was expended. The decision on the 2018-2020 GRC (filed in July 2016) is anticipated between now and June 2018. Rather than shutting the Rebate Program down and reducing the current momentum, staff is requesting the Board authorize advance funding to continue the program until Cal-Am's GRC is approved and funds are available.

The pending GRC includes a request for \$1.6 million in Rebate funding for the three-year period. Between January 1, 2018 until the GRC is approved with funding for the Rebate Program, Cal-Am is not collecting the conservation surcharge and is unable to pay out for Rebates. When the GRC is approved with funding for the Rebate Program, Cal-Am has agreed to reimburse MPWMD's expenditures. There is a slight risk that Rebate Program funding will not be approved by the CPUC, although all previous requests for funding for the Rebate Program has been approved since 2007.

District will be funding Rebate advances from its general reserve fund until Cal-Am reimburses the District. Cal-Am has agreed to reimburse the District based on the amounts issued during the same period last year (2017). The District will process and pay rebates up to a maximum of \$270,000 (six months) and invoice Cal-Am for the expenditures when/if they receive GRC approval.

The District/Cal-Am Rebate Program is credited with a significant portion of the water savings since the Cease and Desist Order in 2009. The program offers extensive and generous Rebates that motivate customers to purchase and install water efficient appliances. Shutting the program down until funding is available would negatively impact the community and the vendors. In 2011, the program was suspended awaiting the 2012 GRC approval. Once funding became available, it took approximately 18 months to achieve current participation levels. Given the urgency of

conservation and the Cease and Desist Order (CDO) milestones, staff recommends the Board authorize interim funding.

**RECOMMENDATION:** By adopting this item with the Consent Calendar, the Board approves interim funding up to \$270,000 through June 2018 for the Rebate Program from the District's general reserve fund. All District expenditures will be reimbursable by Cal-Am when a rebate fund is approved in the GRC.

**EXHIBIT**

None

**ITEM: INFORMATIONAL ITEMS/STAFF REPORTS****19. LETTERS RECEIVED****Meeting Date: January 23, 2018**                      **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: This action does not constitute a project as defined by the California Environmental Quality Act Guidelines section 15378.**

A list of letters that were submitted to the Board of Directors or General Manager and received between December 6, 2017 and January 16, 2018 is shown below. The purpose of including a list of these letters in the Board packet is to inform the Board and interested citizens. Copies of the letters are available for public review at the District office. If a member of the public would like to receive a copy of any letter listed, please contact the District office. Reproduction costs will be charged. The letters can also be downloaded from the District's web site at [www.mpwmd.net](http://www.mpwmd.net).

<b>Author</b>	<b>Addressee</b>	<b>Date</b>	<b>Topic</b>
Joe Gunter	Bill Kampe/cc David Stoldt	1/2/18	Pure Water Monterey Project Expansion
Anthony Lombardo	David Stoldt	1/2/18	3360 Kingsley Court, Pebble Beach
Elizabeth Sanchez and Scott Liming	MPWMD Board	12/7/17	556 Lighthouse Avenue, Monterey





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

**Meeting Date:** January 24, 2018                      **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:** This action does not constitute a project as defined by the California Environmental Quality Act Guidelines Section 15378.

Attached for your review as **Exhibit 20-A**, are minutes of the committee meetings listed below.

**EXHIBIT**

**20-A**      Final Minutes of December 5, 2017 Administrative Committee Meeting





**EXHIBIT 20-A**

FINAL MINUTES  
**Monterey Peninsula Water Management District**  
**Administrative Committee**  
*December 5, 2017*

**Call to Order**

The meeting was called to order at 3:36 PM in the District Conference Room.

Committee members present: Brenda Lewis - Chair  
 Jeanne Byrne  
 Andrew Clarke

Staff present: Suresh Prasad, Administrative Services Manager/Chief Financial Officer  
 Sara Reyes, Sr. Office Specialist

**Oral Communications**

None

**Items on Board Agenda for December 11, 2017**

1. **Consider Adoption of Minutes of November 6, 2017 Committee Meeting**  
On a motion by Byrne and second by Clarke, the minutes of the November 6, 2017 meeting were approved on a vote of 3 – 0 by Byrne, Clarke and Lewis.
  
2. **Consider Approval of Expenditure for Purchase of Ford F-150 4x4 Crew Cab Truck**  
On a motion by Byrne and second by Clarke, the committee recommended that the Board authorize expenditure of funds to purchase a Ford-150 4x4 crew cab truck from Salinas valley Ford at a not-to-exceed price of \$31,000. The motion was approved on a vote of 3 – 0 by Byrne, Clarke and Lewis.
  
3. **Consider Authorization to Renew Vehicle Maintenance Services Agreement with the City of Monterey for Five Years**  
On a motion by Clarke and second by Byrne, the committee recommended that the Board authorize the General manager or the Chief Financial Officer to execute a vehicle maintenance agreement with the City of Monterey for five years from August 7, 2017 through August 8, 2022. The motion was approved on a vote of 3 – 0 by Clarke, Byrne and Lewis.
  
4. **Consider Adopting Revised MPWMD Board Expense Reimbursement Policy**  
On a motion by Byrne and second by Clarke, the committee recommended that the Board adopt the revised MPWMD Board Expense Reimbursement Policy. The motion was approved on a vote of 3 – 0 by Byrne, Clarke and Lewis.

**5. Receive Pension Reporting Standards Government Accounting Standards Board Statement No. 68 Accounting Valuation Report**

The committee received the report and took no further action.

**6. Receive Alternative Measurement Method Report for Determining Annual Costs for Post-Employment Medical Benefits**

The committee received the report and took no further action.

**7. Consider Approval of Treasurer’s Report for September 2017**

On a motion by Byrne and second by Clarke the committee recommended the Board adopt the September 2017 Treasurer’s Report and financial statements, and ratification of the disbursements made during the month. The motion was approved on a vote of 3 – 0 by Byrne, Clarke and Lewis.

**8. Receive and File First Quarter Financial Activity Report for Fiscal Year 2017-2018**

The committee received the report and took no further action.

**9. Consider Approval of First Quarter Fiscal Year 2017-18 Investment Report**

On a motion by Clarke and second by Byrne the committee recommended the Board approve the First Quarter Fiscal Year 2017-18 Investment Report. The motion was approved on a vote of 3 – 0 by Clarke, Byrne and Lewis.

**Other Business**

**10. Review First Quarter Legal Services Activity Report for Fiscal Year 2017-2018**

This report was presented for informational purposes only. No action was taken by the committee.

**11. Review Draft December 11, 2017 Board Meeting Agenda**

The committee reviewed the draft December 11, 2017 agenda and made no changes.

**Adjournment**

The meeting was adjourned at 4:19 PM.

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

<b>Meeting Date:</b>	<b>January 24, 2018</b>	<b>Budgeted:</b>	<b>N/A</b>
<b>From:</b>	<b>David J. Stoldt, General Manager</b>	<b>Program:</b>	<b>N/A</b>
		<b>Line Item No.:</b>	
<b>Prepared By:</b>	<b>Gabriela Ayala</b>	<b>Cost Estimate:</b>	<b>N/A</b>

**General Counsel Review: N/A****Committee Recommendation: N/A****CEQA Compliance: This action does not constitute a project as defined by the California Environmental Quality Act Guidelines Section 15378.**

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**SUMMARY:** As of December 31, 2017, a total of **25.408** acre-feet (**7.4%**) of the Paralta Well Allocation remained available for use by the Jurisdictions. Pre-Paralta water in the amount of **35.923** acre-feet is available to the Jurisdictions, and **29.048** 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 December 2017 (“changes”), and the quantities remaining. The Paralta Allocation had no debits in December 2017.

**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 December 2017**

Jurisdiction	Paralta Allocation*	Changes	Remaining	PRE-Paralta Credits	Changes	Remaining	Public Credits	Changes	Remaining	Total Available
<b>Airport District</b>	8.100	0.000	5.197	0.000	0.000	0.000	0.000	0.000	0.000	5.197
<b>Carmel-by-the-Sea</b>	19.410	0.000	1.397	1.081	0.000	1.081	0.910	0.000	0.182	2.660
<b>Del Rey Oaks</b>	8.100	0.000	0.000	0.440	0.000	0.000	0.000	0.000	0.000	0.000
<b>Monterey</b>	76.320	0.000	0.263	50.659	0.000	0.030	38.121	0.000	2.325	2.618
<b>Monterey County</b>	87.710	0.000	10.717	13.080	0.000	0.352	7.827	0.000	1.891	12.960
<b>Pacific Grove</b>	25.770	0.000	0.000	1.410	0.000	0.022	15.874	0.000	0.133	0.155
<b>Sand City</b>	51.860	0.000	0.000	0.838	0.000	0.000	24.717	0.000	23.373	23.373
<b>Seaside</b>	65.450	0.000	7.834	34.438	0.000	34.438	2.693	0.000	1.144	43.416
<b>TOTALS</b>	<b>342.720</b>	<b>0.000</b>	<b>25.408</b>	<b>101.946</b>	<b>0.000</b>	<b>35.923</b>	<b>90.142</b>	<b>0.000</b>	<b>29.048</b>	<b>90.379</b>

Allocation Holder	Water Available	Changes this Month	Total Demand from Water Permits Issued	Remaining Water Available
<b>Quail Meadows</b>	33.000	0.000	32.320	0.680
<b>Water West</b>	12.760	0.000	9.271	3.489

\* 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 December 2017**

**Recycled Water Project Entitlements**

Entitlement Holder	Entitlement	Changes this Month	Total Demand from Water Permits Issued	Remaining Entitlement/and Water Use Permits Available
<b>Pebble Beach Co. <sup>1</sup></b>	231.710	0.100	30.300	201.410
<b>Del Monte Forest Benefited Properties <sup>2</sup></b> <b>(Pursuant to Ord No. 109)</b>	133.290	0.010	49.267	84.023
<b>Macomber Estates</b>	10.000	0.000	9.595	0.405
<b>Griffin Trust</b>	5.000	0.000	4.829	0.171
<b>CAWD/PBCSD Project Totals</b>	<b>380.000</b>	<b>0.110</b>	<b>93.991</b>	<b>286.009</b>

Entitlement Holder	Entitlement	Changes this Month	Total Demand from Water Permits Issued	Remaining Entitlement/and Water Use Permits Available
<b>City of Sand City</b>	165.000	0.000	4.132	160.868
<b>Malpas Water Company</b>	80.000	0.477	6.332	73.668
<b>D.B.O. Development No. 30</b>	13.950	0.000	1.088	12.862
<b>City of Pacific Grove</b>	66.000	0.000	0.000	66.000
<b>Cypress Pacific</b>	3.170	0.000	3.170	0.000

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.

**Ordinance No. 165** was adopted on August 17, 2015, established a Water Entitlement for Malpas Water Company and amended the rules to reflect the process for issuing Water Use Permits.

**Ordinance No. 166** was adopted on December 15, 2015, established a Water Entitlement for D.B.O. Development No. 30.

**Ordinance No. 168** was adopted on January 27, 2016, established a Water Entitlement for the City of Pacific Grove.

**ITEM: INFORMATIONAL ITEM/STAFF REPORTS****22. WATER CONSERVATION PROGRAM REPORT**

**Meeting Date:** January 24, 2018                      **Budgeted:** N/A

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

**Prepared By:** Kyle Smith                              **Cost Estimate:** N/A

**Committee Recommendation:** N/A

**CEQA Compliance:** This action does not constitute a project as defined by the California Environmental Quality Act Guidelines Section 15378.

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**I. MANDATORY WATER CONSERVATION RETROFIT PROGRAM**

District Regulation XIV requires the retrofit of water fixtures upon Change of Ownership or Use with High Efficiency Toilets (HET) (1.28 gallons-per-flush), 2.0 gallons-per-minute (gpm) Showerheads, 1.2 gpm Washbasin faucets, 1.8 gpm kitchen, utility and bar sink faucets, 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 compared against the properties that have submitted WCCs. Details on **122** property transfers that occurred in December 2017 were added to the database.

**B. Certification**

The District received **30** WCCs between December 1, 2017, and December 31, 2017. Data on ownership, transfer date, and status of water efficiency standard compliance were entered into the database.

**C. Verification**

In December, **57** properties were verified compliant with Rule 144 (Retrofit Upon Change of Ownership or Use). Of the **57** verifications, **29** properties verified compliance by submitting certification forms and/or receipts. District staff completed **41** Site inspections. Of the **41** properties inspected, **28 (68%)** passed inspection. **None** of the properties that passed inspection involved more than one visit to verify compliance with all water efficiency standards.

**Savings Estimate**

Water savings from HET retrofits triggered by Rule 144 verified in December 2017 are estimated at **0.640** Acre-Feet Annually (AFA). Water savings from retrofits that exceeded the requirement (i.e., HETs to Ultra High Efficiency Toilets) is estimated at **0.410** AFA (41 toilets). Year-to-date estimated savings from toilet retrofits is **15.890** 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 **16** inspections. Of the **16** inspections certified, **10 (62%)** were in compliance. **Two** 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 December 2017, MPWMD referred **eight** 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 June 1, 2016, the District has increased its Water Waste enforcement. The District has a Water Waste Hotline 831-658-5653 or an online form to report Water Waster occurrences at [www.mpwmd.net](http://www.mpwmd.net) or [www.montereywaterinfo.org](http://www.montereywaterinfo.org). There were **three** Water Waste responses during the past month. There were **zero** 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 **94** Water Permits in December 2017. **Five** Water Permits were issued using Water Entitlements (Pebble Beach Company, Malpas Water, etc.). **No** Water Permits 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 **94** Water Permits issued in December, **two** were issued under this provision.

#### B. Permit Compliance

District staff completed **58** Water Permit final inspections during December 2017. **Twelve** of the final inspections failed due to unpermitted fixtures. Of the **40** passing properties, **24** passed inspection on the first visit. In addition, **no** 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 December, the District prepared **44** deed restrictions. Of the **94** Water Permits issued in December, **30 (32%)** required deed restrictions. District staff provided Notary services for **63** 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.

<b>REBATE PROGRAM SUMMARY</b>		December-2017				2017 YTD	1997 - Present	
<b>I. <u>Application Summary</u></b>								
A.	Applications Received	197				1769	24,680	
B.	Applications Approved	138				1342	19,299	
C.	Single Family Applications	186				1668	22,333	
D.	Multi-Family Applications	7				76	1,224	
E.	Non-Residential Applications	4				25	324	
<b>II. <u>Type of Devices Rebated</u></b>		Number of devices	Rebate Paid	Estimated AF	Gallons Saved	YTD Quantity	YTD Paid	YTD Est AF
A.	High Efficiency Toilet (HET)	12	900.00	0.500976	163,244	207	20,225.63	8.641836
B.	Ultra Low Flush to HET	34	2801.00	0.340000	110,789	418	40,472.41	4.18
C.	Ultra HET	1	125.00	0.010000	3,259	23	3,346.59	0.23
D.	Toilet Flapper	0	0.00	0.000000	0	3	34.81	0
E.	High Efficiency Dishwasher	19	2375.00	0.057000	18,574	205	25,625.00	0.615
F.	High Efficiency Clothes Washer	68	33767.10	1.094800	356,742	577	286,844.56	9.2897
G.	Instant-Access Hot Water System	4	800.00	0.000000	0	13	2,600.00	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	4	10756.25	0.000000	0	32	38,340.00	0
M.	Smart Controllers	2	520.00	0.000000	0	7	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	1	2500.00	0.261744	85,290	8	67,432.00	5.750168
Q.	Graywater	0	0.00	0.000000	0	1	20,000.00	0
R.	Ice Machines	0	0.00	0.000000	0	0	0.00	0
<b>III. <u>Totals: Month; AF; Gallons; YTD</u></b>		145	54544.35	2.26452	737,896	1498	506,461.00	28.706704
							2017 YTD	1997 - Present
<b>IV. <u>Total Rebated: YTD; Program</u></b>							506,461.00	5,937,992.59
<b>V. <u>Estimated Water Savings in Acre-Feet Annually*</u></b>							28.706704	542.325575

\* 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 ITESM/STAFF REPORTS****23. QUARTERLY WATER USE CREDIT TRANSFER STATUS REPORT****Meeting Date: January 24, 2018 Budgeted: N/A****From: David J. Stoldt, General Manager Program/ Line Item No.: N/A****Prepared By: Gabriela Ayala Cost Estimate: N/A****General Counsel Review: N/A****Committee Recommendation: N/A****CEQA Compliance: This action does not constitute a project as defined by the California Environmental Quality Act Guidelines Section 15378.**

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Information about Water Use Credit transfer applications will be reported as applications are received. There are no pending Water Use Credit transfer applications.



**ITEM: INFORMATIONAL ITEMS/STAFF REPORTS****24. CARMEL RIVER FISHERY REPORT FOR DECEMBER 2017****Meeting Date: January 24, 2018 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: This action does not constitute a project as defined by the California Environmental Quality Act Guidelines Section 15378.**

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**AQUATIC HABITAT AND FLOW CONDITIONS:** December 2017 was one of the driest on record and flow releases from Los Padres Reservoir were reduced by three cfs in response to the lack of rainfall and dropping reservoir elevation. Despite the reduction, river conditions for juvenile steelhead rearing remained good to fair all the way to the lagoon.

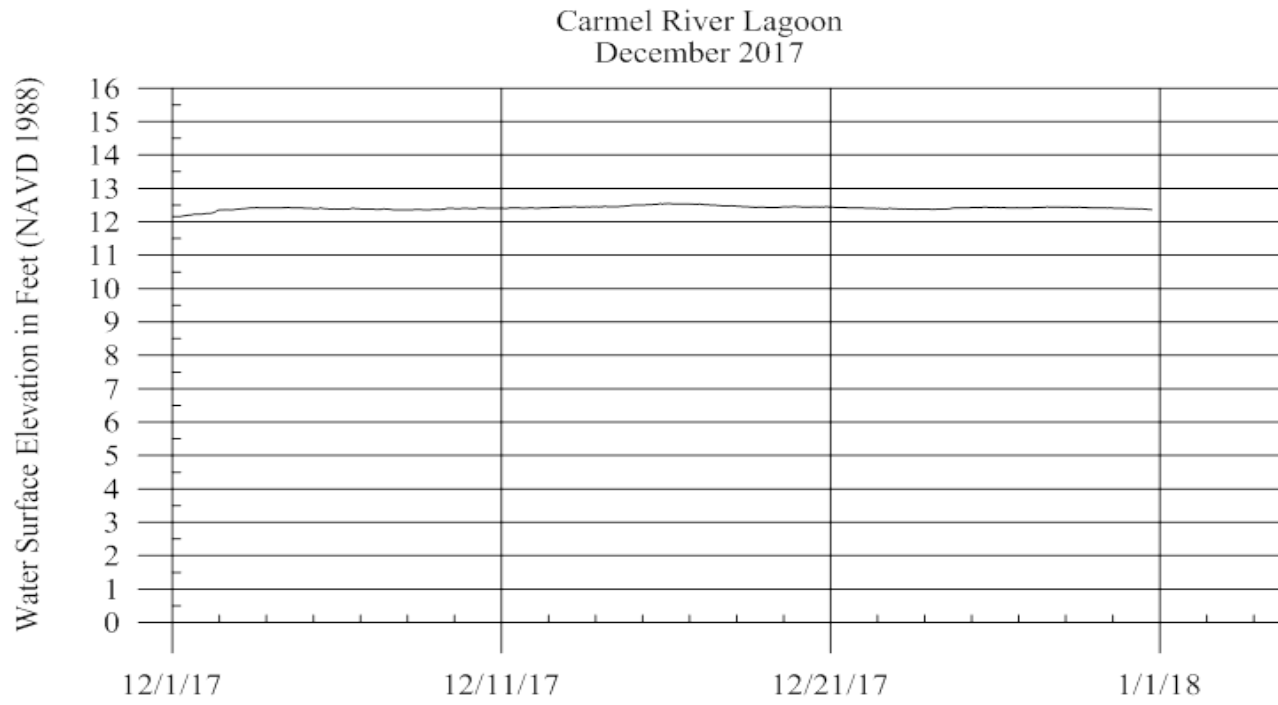
Mean daily streamflow at the Sleepy Hollow Weir ranged from 16 to 18 cfs (monthly mean 16.8 cfs) resulting in 1,030 acre-feet (AF) of runoff while mean daily streamflow at the Highway 1 gage ranged from 9.2 to 12 cfs (monthly mean 10.3 cfs), resulting in 631 AF of runoff.

There were 0.05 inches of rainfall in December as recorded at Cal-Am's San Clemente gauge. The rainfall total for WY 2018 (which started on October 1, 2017) is 1.02 inches, or 15% of the long-term year-to-date average of 6.81 inches.

**CARMEL RIVER LAGOON:** During December, the lagoon mouth remained closed and the water surface elevation (WSE) continued to rise from approximately 12 to 12.5 feet above mean-sea-level as higher seasonal inflows filled the lagoon (see graph below).

Two lagoon water quality depth-profiles were conducted at five sites on December 14<sup>th</sup> and 28<sup>th</sup>. Salinity level (0.5 ppt) and temperature (48-49 degrees F) remained low while dissolved oxygen (DO) levels were good (6-10 mg/l) resulting in generally excellent steelhead rearing conditions down to 3.0 meters depth.

**SMOLT AND ADULT STEELHEAD COUNTS:** The District and National Marine Fisheries Service (NMFS) have been collaborating on a steelhead tagging and monitoring program since late 2013. In December, staff from both agencies worked together to install two new tag reading arrays systems in the lower river to complement the existing one located near the lagoon, and have plans for a forth set-up near Sleepy Hollow to track the migration of tagged out-migrating smolts and previously tagged returning adults.



**ITEM: INFORMATIONAL ITEMS/STAFF REPORT****25. MONTHLY WATER SUPPLY AND CALIFORNIA AMERICAN WATER PRODUCTION REPORT**

<b>Meeting Date:</b>	<b>January 24, 2018</b>	<b>Budgeted:</b>	<b>N/A</b>
<b>From:</b>	<b>David J. Stoldt, General Manager</b>	<b>Program/ Line Item No.:</b>	<b>N/A</b>
<b>Prepared By:</b>	<b>Jonathan Lear</b>	<b>Cost Estimate:</b>	<b>N/A</b>

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

**CEQA Compliance:** Exempt from environmental review per SWRCB Order Nos. 95-10 and 2016-0016, and the Seaside Basin Groundwater Basin adjudication decision, as amended and Section 15268 of the California Environmental Quality Act (CEQA) Guidelines, as a ministerial project; Exempt from Section 15307, Actions by Regulatory Agencies for Protection of Natural Resources.

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**Exhibit 25-A** shows the water supply status for the Monterey Peninsula Water Resources System (MPWRS) as of **January 1, 2018**. 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 25-A** is for Water Year (WY) 2018 and focuses on four factors: rainfall, runoff, and storage. The rainfall and Streamflow values are based on measurements in the upper Carmel River Basin at Sleepy Hollow Weir.

**Water Supply Status:** Rainfall through **December** 2017 totaled **0.05 inches** and brings the cumulative rainfall total for WY 2018 to **1.02 inches**, which is **15%** of the long-term average through **December**. Estimated unimpaired runoff during **December** totaled **905 acre-feet (AF)** and brings the cumulative runoff total for WY 2018 to **2,595 AF**, which is **37%** of the long-term average through **December**. Usable storage for the MRWPRS was **30,350 acre-feet**, which is **105%** of average through **December**, and equates to **81%** percent of system capacity

**Production Compliance:** Under State Water Resources Control Board (SWRCB) Cease and Desist Order No. 2016-0016 (CDO), California American Water (Cal-Am) is allowed to produce no more than 8,310 AF of water from the Carmel River in WY 2018. Through **December**, using the CDO accounting method, Cal-Am has produced **1,352 AF** from the Carmel River (including ASR capped at 600 AF, Table 13, and Mal Paso.) In addition, under the Seaside Basin Decision, Cal-Am is allowed to produce 1,820 AF of water from the Coastal Subareas and 0 AF from the Laguna Seca Subarea of the Seaside Basin in WY 2018. Through **December**, Cal-Am has produced **1,066 AF** from the Seaside Groundwater Basin. Through **December**, **0 AF** of Carmel River Basin groundwater have been diverted for Seaside Basin injection; **0 AF** have been recovered for customer use, and **0 AF** have been diverted under Table 13 water rights. Cal-Am has produced **2,467 AF** for customer use from all sources through **December**. **Exhibit 25-C** shows production by source. Some of the values in this report may be revised in the future as Cal-Am finalizes their production values and monitoring data. The 12 month moving average of production for customer service is **9,882 AF**, which is below the rationing trigger of **10,130 AF** for WY 2018.

**EXHIBITS****25-A** Water Supply Status: **January 1, 2018****25-B** Monthly Cal-Am Diversions from Carmel River and Seaside Groundwater Basins: WY 2018**25-C** Monthly Cal-Am production by source: WY 2018



**EXHIBIT 25-A**

Monterey Peninsula Water Management District Water Supply Status January 1, 2018				
Factor	Oct to Dec 2017	Average To Date	Percent of Average	Water Year 2017
<b>Rainfall</b> (Inches)	1.02	10.47	15%	7.35
<b>Runoff</b> (Acre-Feet)	2,595	5,091	37%	6,957
<b>Storage</b> <sup>5</sup> (Acre-Feet)	30,350	28,880	105%	30,800

**Notes:**

1. Rainfall and runoff estimates are based on measurements at San Clemente Dam. Annual rainfall and runoff at Sleepy Hollow Weir average 21.1 inches and 67,246 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 Sleepy Hollow Weir site are based on records for the 1922-2017 and 1902-2017 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 1989-2016 period. The storage estimates are end-of-month values for the dates referenced in the table.
4. The maximum storage capacity for the MPWRS is currently 37,639 acre-feet.





## Production vs. CDO and Adjudication to Date: WY 2018

(All values in Acre-Feet)

Year-to-Date Values	MPWRS				Water Projects and Rights				
	Carmel River Basin <sup>2, 6</sup>	Seaside Groundwater Basin		MPWRS Total	ASR Recovery	Table 13 <sup>7</sup>	Sand City <sup>3</sup>	Water Projects and Rights Total	
		Coastal	Laguna Seca						Ajudication Compliance
Target	1,661	800	0	800	2,461	0	24	75	99
Actual <sup>4</sup>	1,352	984	82	1,066	2,417	0	0	43	43
Difference	309	-184	-82	-266	44	0	24	32	56
WY 2017 Actual	1,108	683	66	749	1,857	305	10	36	351

1. This table is current through the date of this report.
2. For CDO compliance, ASR, Mal Paso, and Table 13 diversions are included in River production per State Board.
3. Sand City Desal, Table 13, and ASR recovery are also tracked as water resources projects.
4. To date, 0 AF and 0 AF have been produced from the River for ASR and Table 13 respectively.
5. All values are rounded to the nearest Acre-Foot.
6. For CDO Tracking Purposes, ASR production for injection is capped at 600 AFY.
7. Table 13 diversions are reported under water rights but counted as production from the River for CDO tracking.

## Monthly Production from all Sources for Customer Service: WY 2018

(All values in Acre-Feet)

	Carmel River Basin	Seaside Basin	ASR Recovery	Table 13	Sand City	Mal Paso	Total
Oct-17	532	396	0	0	14	3	945
Nov-17	421	331	0	0	3	3	758
Dec-17	399	339	0	0	26	1	765
Jan-18							
Feb-18							
Mar-18							
Apr-18							
May-18							
Jun-18							
Jul-18							
Aug-18							
Sep-18							
<b>Total</b>	<b>1,352</b>	<b>1,066</b>	<b>0</b>	<b>0</b>	<b>43</b>	<b>7</b>	<b>2,467</b>
<b>WY 2017</b>	<b>1,108</b>	<b>749</b>	<b>305</b>	<b>10</b>	<b>36</b>	<b>17</b>	<b>2,224</b>

1. This table is produced as a proxy for customer demand.
2. Numbers are provisional and are subject to correction.

## Rationing Trigger: WY 2018

12 Month Moving Average <sup>1</sup>	9,882	10,130	Rule 160 Production Limit
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1. Average includes production from Carmel River, Seaside Basin, Sand City Desal, and ASR recovery produced for Customer Service.



California American Water Production by Source: Water Year 2018

	Carmel Valley Wells <sup>1</sup>						Seaside Wells <sup>2</sup>						Total Wells			Sand City Desal		
	Actual		Anticipated <sup>3</sup>		Under Target		Actual		Anticipated		Under Target		Actual	Anticipated	Acre-Foot Under Target	Actual	Anticipated	Under Target
	Upper acre-feet	Lower acre-feet	Upper acre-feet	Lower acre-feet	Upper acre-feet	Lower acre-feet	Coastal acre-feet	LagunaSeca acre-feet	Coastal acre-feet	LagunaSeca acre-feet	Coastal acre-feet	LagunaSeca acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet	acre-feet
Oct-17	0	532	0	550	0	18	368	29	350	0	-18	-29	928	900	-28	14	25	11
Nov-17	0	421	0	383	0	-38	301	30	350	0	49	-30	752	733	-19	3	25	22
Dec-17	0	399	0	728	0	329	315	24	100	0	-215	-24	738	828	90	26	25	-1
Jan-18																		
Feb-18																		
Mar-18																		
Apr-18																		
May-18																		
Jun-18																		
Jul-18																		
Aug-18																		
Sep-18																		
<b>To Date</b>	<b>0</b>	<b>1,352</b>	<b>0</b>	<b>1,661</b>	<b>0</b>	<b>309</b>	<b>984</b>	<b>82</b>	<b>800</b>	<b>0</b>	<b>-184</b>	<b>-82</b>	<b>2,417</b>	<b>2,461</b>	<b>44</b>	<b>43</b>	<b>75</b>	<b>32</b>

Total Production: Water Year 2018

	Actual	Anticipated	Acre-Foot Under Target
Oct-17	942	925	-17
Nov-17	755	758	3
Dec-17	764	853	89
Jan-18			
Feb-18			
Mar-18			
Apr-18			
May-18			
Jun-18			
Jul-18			
Aug-18			
Sep-18			
<b>To Date</b>	<b>2,460</b>	<b>2,536</b>	<b>76</b>

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 Adjudication 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. Negative values for Acre-Feet under target indicates overproduction over targeted value.



**ITEM: INFORMATIONAL ITEMS/STAFF REPORTS****26. QUARTERLY CARMEL RIVER RIPARIAN CORRIDOR MANAGEMENT PROGRAM REPORT**

<b>Meeting Date:</b>	<b>January 24, 2018</b>	<b>Budgeted:</b>	<b>N/A</b>
<b>From:</b>	<b>Dave Stoldt, General Manager</b>	<b>Program/ Line Item No.:</b>	<b>N/A</b>
<b>Prepared By:</b>	<b>Thomas Christensen and Larry Hampson</b>	<b>Cost Estimate:</b>	<b>N/A</b>

**General Counsel Review: N/A****Committee Recommendation: N/A****CEQA Compliance: This action does not constitute a project as defined by the California Environmental Quality Act Guidelines Section 15378.**

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**IRRIGATION OF RIPARIAN VEGETATION:** The supplemental watering of riparian restoration plantings resumed for the summer season in 2017 at six Monterey Peninsula Water Management District (District) riparian habitat restoration sites. The following irrigation systems were in use May through November: deDampierre, Trail and Saddle Club, Begonia, Schulte, Dow, and Schulte Bridge.

**Water Use in Acre-Feet (AF)**  
(preliminary values subject to revision)

January - March 2017	0.0 AF
April - June 2017	1.39
July - September 2017	5.22
October - December 2017	<u>1.59</u> AF
Year-to-date	8.20 AF

**MONITORING OF RIPARIAN VEGETATION:** Starting in June 2017, staff recorded monthly observations of canopy vigor on target willow and cottonwood trees to provide an indication of plant water stress and corresponding soil moisture levels. Four locations (Rancho Cañada, San Carlos, Valley Hills, and Schulte) are monitored monthly for canopy ratings based on a scale from one to ten. This scale evaluates characteristics such as yellowing leaves and percentages of defoliation (see scale on **Exhibit 26-A**). A total of 12 willows and 12 cottonwoods at these locations provide a data set of established and planted sample trees that are representative of trees in the Carmel River riparian corridor. Combined with monthly readings from the District's array of monitoring wells and pumping records for large-capacity Carmel Valley wells in the California American Water service area, the District's monitoring provides insight into the status of soil moisture through the riparian corridor.

Monitoring results for the 2017 season show that riparian vegetation was below threshold moisture stress levels. This was due to the fact that the Carmel River flowed all year to the lagoon and provided plenty of water for established plants along the riparian corridor. The graph in **Exhibit 26-A** shows average canopy ratings for willows and cottonwoods in selected restoration sites in lower Carmel Valley. The graph in **Exhibit 26-B** shows impacts to water table elevations.

The types of monitoring measurements made during June - October 2017 are as follows:

### Monitoring Measurement

Canopy ratings	(See <b>Exhibit 26-A</b> for trends.)
Groundwater levels (monitoring wells)	(See <b>Exhibit 26-B</b> for trends.)
Groundwater pumping (production wells)	

### **OTHER TASKS PERFORMED SINCE THE OCTOBER 2017 QUARTERLY REPORT:**

- Carmel River Mitigation Plantings:** During the months of November and December, District staff have been planting riparian trees along the Carmel River to mitigate for in channel Vegetation Management activities where downed trees or standing vegetation created blockages in the active channel. This work is carried out with permits from the U.S. Army Corps of Engineers, NOAA Fisheries, U.S. Fish and Wildlife Service, California Department of Fish and Wildlife (CDFW), and the Regional Water Quality Control Board. The goal of the vegetation management activities is to reduce the risk of streambank erosion along riverfront properties where vegetation encroachment could potentially divert river flows into streambanks during high flow periods.
- Instream Flow Incremental Method Study:** MPWMD fisheries staff collected additional data from the river channel about fish presence and effects of winter storms, which filled many of the deep pools with sand. The District's Consultant (Normandeau Inc.) will test whether these changes significantly affect steelhead habitat. A final IFIM report and memo on changes in channel conditions should be available in the 4<sup>th</sup> quarter of 2017.
- Los Padres Dam Long-Term Plan:** The first Technical Review Committee (TRC) meeting was held on August 3, 2017. For a dredging operation, the Consultant team recommended against using steep canyon areas upstream of the reservoir for placing dredged material and instead determined that all material presently within the reservoir could be placed on Cal-Am property downstream of the existing dam. It was estimated that an average of 16,000 to 34,000 cubic yards of material per year accumulates in the reservoir (about 32,000 to 68,000 tons).

For a reservoir expansion alternative, options include installing a temporary rubber dam or permanent dam raise, a new dam downstream or a combination. For a dam removal alternative, phased (multi-year) removal by elevation was deemed not feasible because an operating spillway would be required after each removal. Partial or full removal of the

embankment is feasible if the reservoir is to be abandoned.

The Consultant will refine alternatives before convening the second TRC meeting in January, which will focus on evaluating alternatives.

- 4. Los Padres Dam Fish Passage Study:** The Consultant team presented a preliminary ranking of passage alternatives showing a retrofit or replacement of the existing trap and truck operation as the highest ranked alternative for upstream passage. The highest ranked alternatives for downstream passage were a floating surface collector placed at the head or reservoir or at about mid-reservoir to capture downstream migrating fish and transport them to the dam. The Technical Review Committee was asked to comment on evaluation criteria and rankings.
  
- 5. Stormwater Resource Plan (SRP):** Staff participated in the first Technical Advisory Committee meeting to develop the Stormwater Resource Plan and provided requested information to the consultant team developing the plan. The focus of the SRP is to identify sources of stormwater throughout the Monterey Peninsula that can be recycled as new water supply.

## **EXHIBITS**

**26-A** Average Willow and Cottonwood Canopy Rating

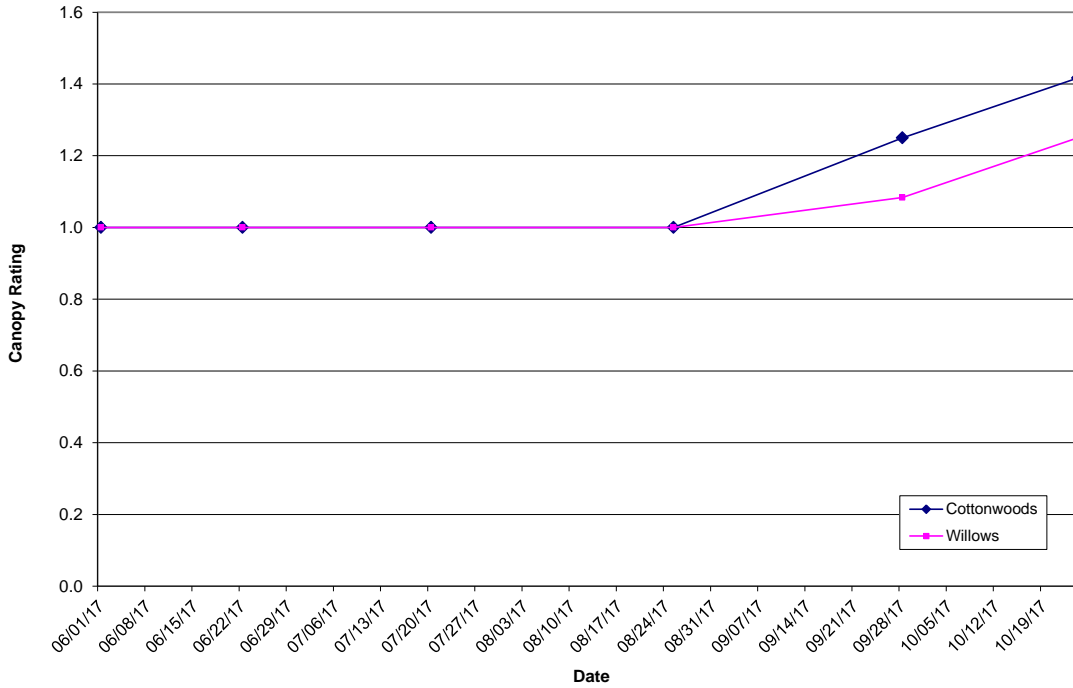
**26-B** Depth to Groundwater





**EXHIBIT 26-A**

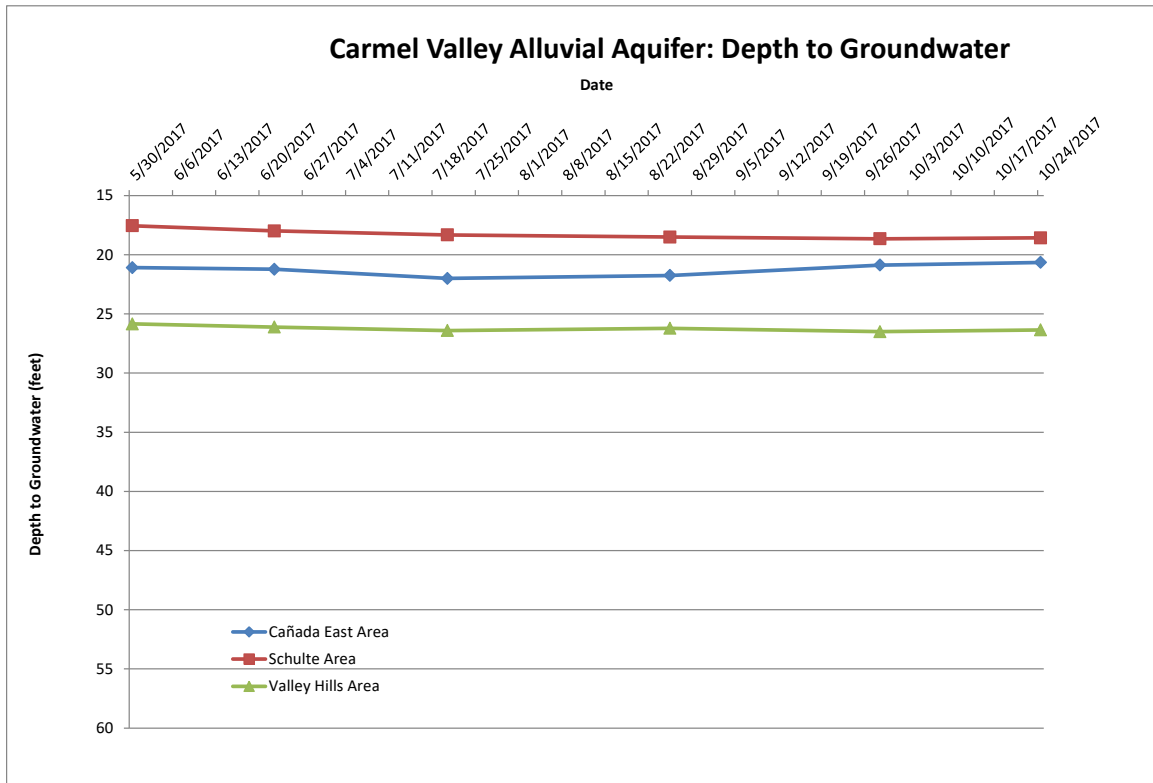
**Carmel River Riparian Vegetation:  
Average Canopy Rating for Cottonwoods and Willows**



Canopy Rating Scale		Stress Level
1=	Green, obviously vigorous	none, no irrigation required
2=	Some visible yellowing	low, occasional irrigation required
3=	Leaves mostly yellowing	moderate, regular irrigation required
4=	< 10% Defoliated	moderate, regular irrigation required
5=	Defoliated 10% to 30%	moderate, regular irrigation required
6=	Defoliated 30% to 50%	moderate to high, additional measures required
7=	Defoliated 50% to 70%	high stress, risk of mortality or canopy dieback
8=	Defoliated 70% to 90%	high stress, risk of mortality or canopy dieback
9=	> 90% Defoliated	high stress, risk of mortality or canopy dieback
10=	Dead	consider replanting



**EXHIBIT 26-B**







# Supplement to 1/24/18 MPWMD Board Packet

Attached are copies of letters received between December 6, 2017 and January 16, 2018. These letters are listed in the January 24, 2018 Board packet under Letters Received.

<b>Author</b>	<b>Addressee</b>	<b>Date</b>	<b>Topic</b>
Joe Gunter	Bill Kampe/cc David Stoldt	1/2/18	Pure Water Monterey Project Expansion
Anthony Lombardo	David Stoldt	1/2/18	3360 Kingsley Court, Pebble Beach
Elizabeth Sanchez and Scott Liming	MPWMD Board	12/7/17	556 Lighthouse Avenue, Monterey

U:\staff\Boardpacket\2018\20180124\LtrPkt\LtrPkt.docx



## City of Salinas

OFFICE OF THE MAYOR • 200 Lincoln Avenue • Salinas, California 93901 • (831) 758-7201 • Fax (831) 758-7368

1

January 2, 2018

The Honorable Mayor Bill Kampe  
President, MPRWA  
City of Pacific Grove  
300 Forest Avenue  
Pacific Grove, CA 93950

RECEIVED

JAN 03 2018

MPWMD

Dear Mayor Kampe:

As the Mayor of the City of Salinas, I chair the Salinas Valley Groundwater Sustainability Agency (SVGSA). The City of Salinas is also a member of the Monterey Regional Water Pollution Control Agency (Monterey One Water). It has come to the City's attention that the California Public Utilities Commission (CPUC) has requested information to explore options to expand the Regional Water Pollution Agency's project known as the Pure Water Monterey Groundwater Replenishment Project as a possible alternative to the desalination project submitted to you by California American Water Company (CalAm) to supply the Monterey Peninsula with water.

I am writing you based on the City's membership on both the GSA and the Water Pollution Control Agency Boards to inform you that the expansion of the Pure Water Monterey project is not a feasible alternative to CalAm's desalination plant proposal. In fact, it is quite likely there will be no water whatsoever available to augment the 3,500-acre-feet of recycled water that the Pure Water Monterey project has committed to deliver to the Monterey Peninsula.

Based on reports from the Monterey County Water Resource Agency to the Board of Supervisors, over the last 60 days, it appears that salt water intrusion in the Salinas Valley Groundwater Basin is continuing to advance inland, further threatening not only the supply of water to Monterey County's largest industry, agriculture, but also the water supply for the cities near the coast including the City of Salinas

Any expansion of the Pure Water Monterey project would require the diversion of additional water from Salinas Valley to the Monterey Peninsula. This water is needed for the Salinas Valley to address the worsening salt water intrusion problem in the Salinas Valley Groundwater Basin. Neither the SVGA nor the City of Salinas would support the diversion of any additional water beyond the amounts already committed for the 3,500--feet committed to the Monterey Peninsula.

The Monterey Peninsula needs its own independent supply of water not dependent on water made available through reclamation of Salinas Valley groundwater, which is neither a guaranteed source nor a source that would ever be capable of meeting the water certainty for the long-term supply needs of the Monterey Peninsula.

The Honorable Bill Kampe  
January 2, 2018  
Page 2

The Monterey Peninsula has suffered for decades from a lack of political leadership to execute supply solutions. Studying non-existent water from the Salinas Valley Groundwater Basin will only further delay the solution to the Peninsula's water supply problem. A major practical drought-proof and secure water supply solution for the Monterey Peninsula is California American Water Company's desalination plant application currently pending before you. The desalination plant proposed by CalAm will significantly address the current cease and desist order of the State Water Resource Control Board. I urge that you move forward as expeditiously as possible to complete your consideration of that matter so that project may move forward.

Sincerely,



Joe Gunter  
Mayor  
City of Salinas

cc: Andrew Clarke, Board of Chair, MPWMD via email only to [andypwmd@gmail.com](mailto:andypwmd@gmail.com)  
David Stoldt, General Manager, MPWMD via email only to [dstoldt@mpwmd.net](mailto:dstoldt@mpwmd.net)  
Rudy Fischer, Board of Chair, MIW via email only to [boardclerk@mylwater.org](mailto:boardclerk@mylwater.org)  
Ron Stefani, President, CCSD via email only to [rjstefani@aol.com](mailto:rjstefani@aol.com)  
Eric Tynan, General Manager, CCSD via email only to [eric@castrovillecsd.org](mailto:eric@castrovillecsd.org)  
Nancy Isakson, Board Director, SVWCA to [nancy@salinasvalleywatercoalition.org](mailto:nancy@salinasvalleywatercoalition.org)  
Norm Groot, Executive Director, MCFB via email only to [norm@montereycfb.com](mailto:norm@montereycfb.com)  
Richard Svindland, President, CAW via email only to [Richard.svindland@amwater.com](mailto:Richard.svindland@amwater.com)  
Ian Crooks, VP Engineering, CAW via email only to [ian.crooks@amwatere.com](mailto:ian.crooks@amwatere.com)

**ANTHONY LOMBARDO & ASSOCIATES**

A PROFESSIONAL CORPORATION

3

ANTHONY L. LOMBARDO  
KELLY MCCARTHY SUTHERLAND  
CODY J. PHILLIPS  
MARIAN C. DOWNS

144 W. GABILAN STREET  
SALINAS, CA 93901  
(831) 751-2330  
FAX (831) 751-2331

January 2, 2018 **RECEIVED**

**JAN 08 2018**

4791.000

**MPWMD**

Mr. David Stoldt  
5 Harris Court, Building G  
P. O. Box 85  
Monterey, CA 93942-0085

RE: 3360 Kingsley Court, Pebble Beach

Dear Dave:

Gail recently followed up with staff about the additional research they were doing for this property on the three separate whole house inspections that were done this year. I believe that you are aware that each of these inspections ended with different counts, despite everyone's best efforts to get a clear and complete count. It is our understanding from Gail's last discussion with staff that all fixtures have been resolved as compliant/existing except that staff has been unable to reconcile the prior existence of one vanity sink of the two in the caretaker unit's master bathroom. From the attached County 2016 decision for modifications the "existing caretaker's unit" and change of classification to an accessory dwelling unit, this space is confirmed as existing as a caretaker's unit prior to any of the current/prior remodel work in the main house master bedroom and the lower floor changes in 2014. The dual sink situation existed prior to the pre-purchase inspection for these owners by MPWMD, as I believe is very evident from the attached photo of this bathroom. The design of the fixtures and "vanity" is unique to say the least and does not lend itself to an addition. In addition, it is our understanding that a caretaker's unit and/or accessory dwelling unit enjoys the same allowance for dual master bathroom sinks at no additional fixture cost as the main house.

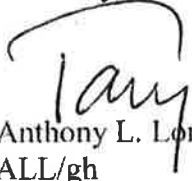
I don't believe an amended permit, fees, or signed documents should be required in this case. In this circumstance, it would be best for all if a written confirmation of the fixture count and



Mr. David Stoldt  
January 2, 2018  
Page Two

verification of compliance with that accurate count is added to the property file, but an amended permit should be waived. Please call me when you have a chance and we can discuss.

Sincerely


A handwritten signature in black ink, appearing to read "Tony", with a large, sweeping flourish above the letters.

Anthony L. Lombardo  
ALL/gh

Enclosures

cc: client  
Denise Duffy

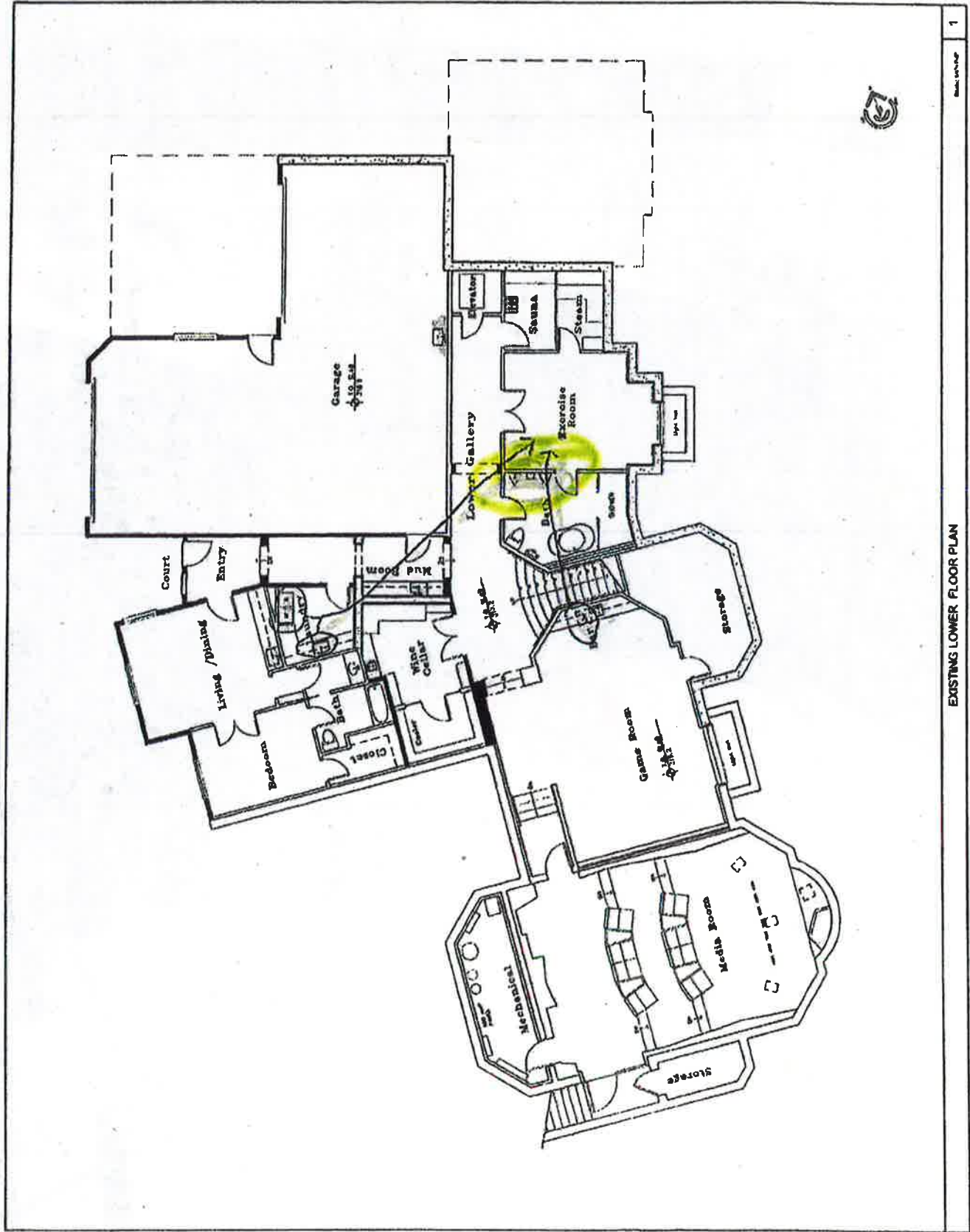



**Jon Sather Erdanson Architects - CISS**  
 THE BEST IN ARCHITECTURE. COMMITMENT TO EXCELLENCE.  
 1231 W. UNIVERSITY AVENUE, SUITE 100, DENVER, CO 80202  
 (303) 733-1000 www.jon-sather-erdanson.com

**KINGSLEY COURT RESIDENCE**  
 1231 W. UNIVERSITY AVENUE, SUITE 100, DENVER, CO 80202  
 ARCHITECT: JON SATHER ERDANSON ARCHITECTS - CISS

SHEET NO. **EX-1.1**  
 TITLE: **EXISTING LOWER FLOOR PLAN**  
 DATE: 11/14/14

1/8" = 1'-0"  
 NORTH



**EXISTING LOWER FLOOR PLAN**

1  
 11/14/14

Box 223366  
Carmel, Ca.,93923  
December 1, 2017

RECEIVED

DEC 07 2017

MPWMD

Monterey Penn. Water Management Board  
5 Harris Ct., Bldg G  
Monterey, Ca. 93942-0085

Dear Board Members,

My wife and I are the owners of 554 Lighthouse Ave. in Monterey. We bought the property in 1995. On the property there are 3 structures. The front building was a bar named Beer Springs Tavern, behind it is a small single story house and behind it is a small tri-plex. All the buildings were built in the first part of the last century.

When we bought the property we remodeled the front building (the bar) and rented it out as a retail store. At that time I contacted the Water Board and they figured out that it was still going to be classified as a bar because I was not going to abandon use. That gave me .98 acre feet of water.

In February of 2006 I returned to the Water Board because I was concerned about losing my water credits. The water credits constituted a substantial cost of the property. At that time I talked to Robert Cline (see attached letter). After talking with him he assured me that my credits would remain intact permanently and I had nothing to worry about. (see letter)

We now have a buyer for our property and on October 17<sup>th</sup> we entered into an agreement with them and put the deal in escrow. The buyers own the joining property at the rear of our property. Their property faces Foam St.

Everything was moving along fine until we received a letter (attached) from the buyers telling me of your plans to change the rules and reduce our credits by 80.7%. My first thought was there was a mistake; after all I was assured by Mr. Cline that my water was safe.

As you can read in the letter the buyers figure that this is devaluing our property by \$ 158,000. This constitutes a major lose for us. We are not wealthy people and the proceeds from the sale were to be part of our retirement. I am currently 73 years old so

If you pass this new rule it could kill our sale all together and place an unnecessary hardship on us.

I really can't figure out the logic in this change. I tried to access the committee's notes on this matter at the Water Board today but was told they were unavailable. I was hoping to learn how this could possibly save any water. People are going to eat and drink where ever they are. If my place is a bar and they want a drink they will come in have a drink, dirty a glass, go down the street and have a meal and probably another drink then proceed to a Coffee Shop for after dinner coffee. Where is the savings? If they drank and ate at my place is there any savings? If my place wasn't there and they ate at the place down the street does it make a difference? In fact it could end up actually causing more water use. What nobody wants to admit is the only way to curb this problem is less people. Its simplistic thinking that by just shuffling the same amount of people in a different way you save water.

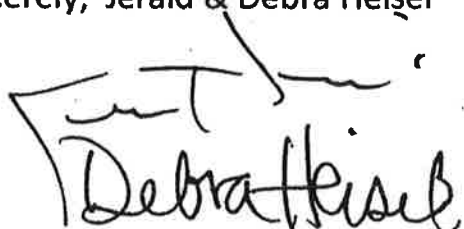
I am just a lay person but win I see a new office building just completed on property that joins us to the south and now the building of 4 new luxury condominiums that are going to sell for over a million dollars each I think where in the hell did they get the water. This property was Carswell's Heating & Sheet Metal Shop for years before it was purchased for development. As I recall that property had one or two bathrooms. Their water use on just that development is probable at least 20 fold of any savings anticipated by the board on this new proposal.

Again I'm just a little guy but I have always tried to honor my promises and expect others to honor theirs. I hope you can see how the little guy feels when he sees the big guys building all around them raking in huge profits using obscene amounts of water as the little guy gets rolled over again.

I know your intensions are good and that you have a difficult job but I can't figure why are you are spending time on something like this. I may be wrong but I have assumed this action is somehow a way to save water but I can't see how it could make any substantial difference especially considering the cost to little people like myself.

I am unfortunately unable to come to the meeting on Dec. 11 but I do hope you will rethink this proposal.

Sincerely, Jerald & Debra Heisel

A handwritten signature in black ink, appearing to read "Debra Heisel". The signature is written in a cursive, somewhat stylized font. Above the name, there are some faint, illegible scribbles that might be initials or a date.



**MONTEREY PENINSULA  
WATER MANAGEMENT DISTRICT**

---

5 HARRIS COURT, BLDG. G  
POST OFFICE BOX 85  
MONTEREY, CA 93942-0085 • (831) 658-5601  
FAX (831) 644-9560 • <http://www.mpwmd.dst.ca.us>

February 10, 2006

Jerald Heisel  
P.O. Box 223366  
Carmel, CA 93922

**Subject: 554 Lighthouse Avenue, Monterey. APN: 001-062-018**

Dear Mr. Heisel:

The District received your letter of February 1, 2006, in which you stated that the previously documented Water Use Credit for 554 Lighthouse Avenue, Monterey, should not expire, as the change in use was not permanent. District Rule 25.5 allows a formal Water Use Credit only when there has been a "permanent abandonment of use."

As the use was not permanently abandoned, a formal Water Use Credit does not exist. Please consider this notification that the District has not documented a formal Water Use Credit for the change in use of a bar to a retail space in 2001. The on-site credit remains available for use until it is permanently abandoned, at which time a formal credit will be documented.

Sincerely,

Robert Cline  
Conservation Representative

November 30, 2017

Jerald Heisel  
554 Lighthouse Ave.  
Monterey, CA 93940

Dear Mr. Heisel,

On Tuesday, November 28th, we met with the Monterey Peninsula Water Management District (MPWMD) to discuss water credits for 554 Lighthouse Avenue. We wanted to calculate fixture unit values for our planned redevelopment of the property to make sure we have the necessary water rights to execute our vision, as well as to discuss the potential of moving some excess water credit to our other property at 551 Foam Street if our redevelopment of that property might require us to do so.

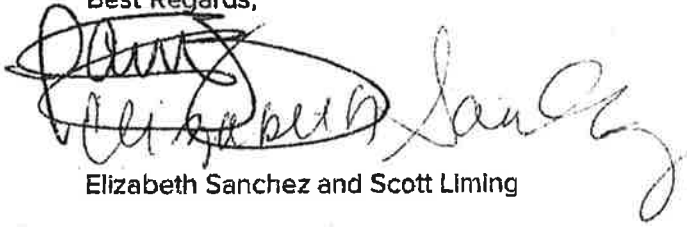
During our meeting, we received some very alarming news that we want to share with you as it could greatly impact our ability to develop the property to its full potential. On December 11th, the MPWMD Board of Directors will be meeting to vote on some proposed changes to the existing rules pertaining to water rights. One of the proposals going to vote is a motion to change the non-residential water use category of restaurants, bars, and brewpubs from Group III to Group II. If this proposal passes, it will greatly impact the water rights attached to your property. Currently, the front commercial unit is classified as a 49 seat bar in the eyes of MPWMD. This classification assigns 0.02 acre feet of water for each interior seat for a grand total of .98 acre feet. Under the new designation, the unit would only receive .0002 acre feet per square foot of interior space (945 sq. ft.) for a grand total of .189 acre feet. This substantial loss of .791 acre feet equates to an 80.7% reduction in water rights. In terms of plumbing fixtures, this loss equates to a 79.1 fixture unit basis point reduction.

The ramifications of this from a developer standpoint are monumental. A major build to maximize land use would basically be ruled out for lack of necessary water rights, and even the most minimal redevelopment we can envision would require us to greatly reduce the size of the front commercial unit to counter-balance the non-residential water credits we would have to use for residential purposes. This reduction in size of the commercial unit decreases the amount of income potentially generated by the unit, thereby decreasing the resale value of the property.

Although there is no guarantee that the motion will pass, the overwhelming impression that we received during our meeting was that it will pass. It seems as if MPWMD now realizes that it was much too generous in their past allocations of water for certain non-residential uses, and is now trying to reign in that mistake. In previous discussions with other builders and industry professionals in the area, the monetary value of water credits in regard to enhancement of property value is roughly \$50,000 per .25 acre feet of excess credit. Based on this, we would be losing approximately \$158,000 in water value if the motion passes. Because of this, we are opting to wait until after the December 11th meeting to make a final determination on the acquisition of 554 Lighthouse at the agreed price.

We apologize for any inconvenience this decision may cause, as we are aware that you are eager to close escrow immediately. But, we hope that you can be understanding of the fact that as developers, we must be ever-mindful of the bottom line. This is our business about which we are very passionate, and details like this can make or break our business. Thank you in advance for your patience while we continue to monitor this very important situation.

Best Regards,

Handwritten signatures of Elizabeth Sanchez and Scott Liming. The signature for Elizabeth Sanchez is on the left, and the signature for Scott Liming is on the right. Both signatures are written in black ink and are somewhat stylized.

Elizabeth Sanchez and Scott Liming