

This meeting has been noticed according to the Brown Act rules. This agenda was posted on Friday, April 6, 2018.



**Administrative Committee**

**Members:**

Andrew Clarke  
Brenda Lewis, Chair  
Molly Evans

**Alternate:**

Ralph Rubio

**Staff Contact:**

Suresh Prasad

After staff reports have been distributed, if additional documents are produced by the District and provided to the Committee regarding any item on the agenda, they will be made available at 5 Harris Court, Building G, Monterey, CA during normal business hours. In addition, such documents may be posted on the District website at [www.mpwmd.net](http://www.mpwmd.net). Documents distributed at the meeting will be made available in the same manner.

AGENDA  
**Administrative Committee**  
**of the Monterey Peninsula Water Management District**

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**Monday, April 9, 2018, 3:30 pm**

MPWMD Conference Room, 5 Harris Court, Building G, Monterey, CA

**Call to Order**

**Comments from Public** – *The public may comment on any item within the District's jurisdiction. Please limit your comments to three minutes in length.*

**Items on Board Agenda for April 16, 2018**

1. Consider Adoption of Minutes of February 12, 2018 Committee Meeting
2. Consider Authorizations for Proposition 1 Disadvantaged Community Grant Not a project, CEQA Guidelines §15378 ; Existing facilities, Categorical Exemption, §15301
  - (A) Consider Authorizing the General Manager to Enter into a Grant Agreement;
  - (B) Consider Expenditure of Funds to Retain a Consultant to Administer High Efficiency Appliance Retrofit Targets (HEART) Pilot Program, and
  - (C) Consider Expenditure of Funds to Retain a Consultant to Provide Assistance with the MPWMD Disadvantaged Community Needs Assessment
3. Consider Expenditure of Funds to Contract with Ventana Wildlife Society for Carmel River Avian Habitat Monitoring
4. Consider Entering into Agreements with California American Water and Denise Duffy & Associates for the Los Padres Dam Gravel Augmentation Project
5. Consider Authorizing an Amendment to the Agreement for Services for the Los Padres Dam and Reservoir Alternatives Study
6. Consider Entering into an Agreement with the Big Sur Land Trust to Fund an Update of the Integrated Regional Water Management Plan for the Monterey Peninsula, Carmel Bay, and Southern Monterey Bay
7. Authorize Additional Expenditure of Budgeted Funds for Passive Integrated Transponder (PIT) Tag Reading Equipment to Monitor Juvenile Steelhead Emigration and Eventual Adult Returns
8. Consider Adoption of Treasurer's Report for February 2018

**Other Business**

9. Review Draft April 16, 2018 Board Meeting Agenda

|            **Adjournment**

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. 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 PM on April 6, 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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**ADMINISTRATIVE COMMITTEE****1. ADOPT MINUTES OF FEBRUARY 12, 2018 COMMITTEE MEETING**

**Meeting Date:** April 9, 2018

**From:** David J. Stoldt,  
General Manager

**Prepared By:** Sara Reyes

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**SUMMARY:** Draft minutes of the February 12, 2018 Administrative Committee meeting are attached as **Exhibit 1-A**.

**RECOMMENDATION:** The Committee should review the minutes and adopt them by motion.

**EXHIBIT**

**1-A** Draft Minutes of February 12, 2018 Committee Meeting





**EXHIBIT 1-A**

**DRAFT MINUTES  
Monterey Peninsula Water Management District  
Administrative Committee  
February 13, 2018**

**Call to Order**

The meeting was called to order at 3:34 PM in the District Conference Room.

Committee members present: Brenda Lewis - Chair  
Andrew Clarke  
Molly Evans

Staff present: Suresh Prasad, Administrative Services Manager/Chief Financial Officer  
Stephanie Locke, Water Demand Manager  
Larry Hampson, Water Resources & Engineering Manager/District Engineer  
Sara Reyes, Sr. Office Specialist

**Oral Communications**

None

**Items on Board Agenda for February 22, 2018**

**1. Consider Adoption of Minutes of January 17, 2018 Committee Meeting**

On a motion by Clarke and second by Lewis, the minutes of the January 17, 2018 meeting were approved on a vote of 2 – 0 by Clarke and Lewis. Director Evans abstained from voting since she was not in attendance on January 17.

**2. Consider Approval of Purchase of Internet Licenses for Water Wise Gardening in Monterey County**

On a motion by Evans and second by Clarke, the committee recommended the Board approve the expenditure of \$5,000 and authorize the General Manager to renew the contract with GardenSoft to purchase a web license for the Monterey County Water Wise Landscaping software. The motion was approved on a vote of 3 – 0 by Evans, Clarke and Lewis.

**3. Consider Approval of Expenditure for Increased County Recording Fees and Increased Recording Activity**

On a motion by Clarke and second by Evans, the committee recommended the Board approve an increase in funding to accommodate an increase in the number of deed restrictions being recorded and the increase in the recording fees due to AB-2. The motion was approved on a vote of 3 – 0 by Clarke, Evans and Lewis.

**4. Consider Adoption of Resolution No. 2018-02 in Support of Entering into an Agreement with the California State Coastal Conservancy to Upgrade the Intake for the Sleepy Hollow Steelhead Rearing Facility**

On a motion by Evans and second by Clarke, the committee recommended that the Board adopt Resolution 2018-02 which authorizes the General Manager to enter into an agreement with the

California State Coastal Conservancy to receive up to \$1,800,000 in grant funds to improve the Sleepy Hollow Steelhead Rearing Facility intake. The motion was approved on a vote of 3 – 0 by Evans, Clarke and Lewis.

**5. Consider Approval of Treasurer’s Report for December 2017**

On a motion by Clarke and second by Evans, the committee recommended the Board adopt the December 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 Clarke, Evans and Lewis.

**6. Receive and File Second Quarter Financial Activity Report for Fiscal Year 2017-18**

The committee received the report and took no further action.

**7. Consider Approval of Second Quarter FY 2017-2018 Investment Report**

On a motion by Clarke and second by Evans, the committee recommended the Board approve the Second Quarter Fiscal Year 2017-2018 Investment Report. The motion was approved on a vote of 3 – 0 by Clarke, Evans and Lewis.

**8. Approve 2018 Committee Meeting Schedule**

On a motion by Evans and second by Clarke, the committee voted 3 to 0 to adopt the meeting schedule for 2018 and a date for January and February 2019. The motion was approved on a vote of 3 – 0 by Clarke, Evans and Lewis.

**9. Review Second 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.

**10. Review Draft February 22, 2018 Board Meeting Agenda**

A revised agenda was distributed to the committee for review. No action was taken by the committee.

**Adjournment**

The meeting was adjourned at 4:07 PM.

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## ADMINISTRATIVE COMMITTEE

2. **CONSIDER AUTHORIZATIONS FOR PROPOSITION 1 DISADVANTAGED COMMUNITY GRANT: (A) CONSIDER AUTHORIZING THE GENERAL MANAGER TO ENTER INTO A GRANT AGREEMENT, (B) CONSIDER EXPENDITURE OF FUNDS TO RETAIN A CONSULTANT TO ADMINISTER HIGH EFFICIENCY APPLIANCE RETROFIT TARGETS (HEART) PILOT PROGRAM, AND (C) CONSIDER EXPENDITURE OF FUNDS TO RETAIN A CONSULTANT TO PROVIDE ASSISTANCE WITH THE MPWMD DISADVANTAGED COMMUNITY NEEDS ASSESSMENT**

<b>Meeting Date:</b>	<b>April 9, 2018</b>	<b>Budgeted:</b>	<b>4-2-3 for HEART Program</b>
<b>From:</b>	<b>Dave Stoldt, General Manager</b>	<b>Program</b>	<b>Integrated Regional Water Management</b>
		<b>Line Item No.:</b>	<b>24-03-785505</b>
<b>Prepared By:</b>	<b>Maureen Hamilton Stephanie Locke</b>	<b>Cost Estimate:</b>	<b>\$252,693 (fully reimbursed)</b>

**General Counsel Approval: N/A**

**Committee Recommendation:**

**CEQA Compliance: This action does not constitute a project as defined by the California Environmental Quality Act Guidelines section 15378; Repair of existing facilities is a categorical exemption under Section 15301.**

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**SUMMARY:** MPWMD is eligible to receive up to \$252,693 in grant funds out of a Proposition 1 Integrated Regional Water Management Disadvantaged Community Involvement Program grant from the Department of Water Resources (DWR) to the Central Coast Funding Area (CCFA). The grant funds are available for two projects:

1. MPWMD Disadvantaged Community Needs Assessment.
2. High Efficiency Appliance Retrofit Targets Program (HEART).

The MPWMD Disadvantaged Community Needs Assessment project will determine the current drinking water and wastewater technical, managerial, and financial capacities of local Disadvantaged Communities (DACs) to ensure long-term safe, reliable drinking water and wastewater treatment and disposal. Outreach and assessment will be conducted in DACs already identified in the City of Seaside and the City of Monterey, as well as areas that are too sparsely populated or geographically small to be identified as a DAC using census data. The assessments will position the DACs for future Proposition 1 implementation funding opportunities.

The HEART project will focus on the City of Seaside's DACs to provide free or low-cost installations of water efficient toilets, showerheads and faucet aerators, High Efficiency Clothes Washers, High Efficiency Dishwashers, Irrigation Controllers and rain sensors, leak detection and repairs, dish squeegees, dye tablets for toilets, etc. Outreach activities will include education and

outreach to DAC property owners, managers and renters. Outreach and education will continue with DAC residents through site assessments of DAC properties and completion of appliance retrofits. Participation will result in engaging City of Seaside community members through this new retrofit program conducted by the MPWMD to help DAC awareness of existing water resource issues, need for conservation, and cost saving opportunities. Participation in the program will result in lower water/energy usage and lower bills.

**RECOMMENDATION:** Staff requests that the Administrative Committee recommend authorization for the General Manager to enter into a grant agreement with the Regional Water Management Foundation for grant funds for the MPWMD Disadvantaged Community Needs Assessment and HEART projects, in an amount not-to-exceed \$252,693. The balance of the Monterey Peninsula, Carmel Bay, and South Monterey Bay Regional Water Management Group (Monterey Peninsula RWMG) grant funds less grant administration fees, \$182,992, was allocated to the City of Monterey's Franklin Street Storm Drain Project.

Staff further requests that the Administrative Committee recommend authorization for the General Manager to enter into contract agreements for services to conduct the MPWMD Disadvantaged Community Needs Assessment (NTE \$100,000) and to implement the HEART project (NTE \$152,693), for a not-to-exceed amount of \$252,693.

**DISCUSSION:** On November 4, 2014, California voters approved Proposition 1, the Water Quality, Supply, and Infrastructure Improvement Act of 2014 (Proposition 1). Proposition 1 authorized \$510 million in Integrated Regional Water Management (IRWM) funding. Water Code §79745 directs not less than 10% of the total \$510 million be utilized for the purpose of ensuring the involvement of Disadvantaged Communities, economically distressed areas, and underrepresented communities within regions (hereinafter DACs).

DWR will administer three separate Proposition 1 grant programs:

1. Planning Grant Program
2. Disadvantaged Community Involvement Program
3. Implementation Grant Program

DWR allocated Proposition 1 funds to 12 hydrologically based funding areas. The Central Coast Funding Area (CCFA) is comprised of six IRWM Regions, including the Monterey Peninsula RWMG, of which MPWMD is a member. The CCFA is eligible to receive \$43 million from the Proposition 1 funds.

On April 18, 2016, the MPWMD Board authorized execution of the Memorandum of Agreement for Central Coast IRWM Planning and Funding in the Central Coast Area (CCFA MOA). The CCFA MOA funding allocation allows the Monterey Peninsula RWMG to receive \$4,333,643 out of the \$43 million CCFA Proposition 1 funding allocation.

On August 1, 2016, the DWR released a Request for Proposals (RFP) for the Proposition 1 Disadvantaged Community Involvement Program. The Monterey Peninsula RWMG is eligible to receive \$435,685 of the CCFA allocation in accordance with the CCFA MOA. The RFP stated that the funds would be awarded on a non-competitive basis or by direct expenditures, no local match would be required, and one proposal would be submitted for each of the twelve



hydrologically-based funding areas. In 2016, the CCFA members selected the Regional Water Management Foundation of Santa Cruz (Foundation) to administer the Disadvantaged Community Involvement grant on behalf of the CCFA members. The Foundation is the DWR grantee, with each local project sponsor acting as a sub-grantee to the Foundation.

In 2016, MPWMD requested project proposals from local jurisdictions with identified DACs. The following proposals were received, and subsequently submitted in the grant application:

1. Franklin Street Storm Drain Project (City of Monterey)
2. Monterey Peninsula Needs Assessment (MPWMD)
3. High Efficiency Applied Retrofit Targets (“HEART”) Program (MPWMD)

On February 13, 2018, DWR fully executed a grant agreement with the Foundation for DAC Involvement in an amount not to exceed \$4.3 million dollars. Funds are allocated in accordance with the CCFA MOA, with the Monterey Peninsula RWMG receiving \$435,685 for the three projects proposed in the DAC Involvement grant application.

### **MPWMD DISADVANTAGED COMMUNITY NEEDS ASSESSMENT**

Staff is recommending the retention of consultant services to conduct needs assessments throughout the Monterey Peninsula IRWM region to determine the current technical, managerial and financial capacities of local DACs. The recommended improvements will provide a basis for the future Proposition 1 Implementation Grant Program for projects benefitting DACs. DACs include areas identified by the State utilizing census data, as well as identifying areas that are too sparsely populated or too geographically small to be identified using census data.

In accordance with the DWR objectives under the Disadvantaged Community Involvement RFP, the consultant will:

1. Work collaboratively to identify and involve DACs, community-based organizations, and stakeholders in IRWM planning efforts to ensure balanced access and opportunity for participation in the IRWM planning process.
2. Increase the understanding and where necessary, identify the water management needs of DACs on a regional basis.
3. Develop strategies and long-term solutions that appropriately address the identified DAC water management needs.

### **HEART**

Staff is requesting retention of consultant services to conduct the HEART program. The program will be administered similarly to Ecology Action’s WaterLink grant program MPWMD has been involved with. Where WaterLink has focused on devices that save both water and energy, the HEART program will focus specifically on water savings by providing for the purchase and installation of water efficient fixtures and appliances (toilets, showerheads, aerators and other water-saving devices, high efficiency clothes washers and water efficient dishwashers) throughout the homes of qualified low-income participants. The program will also offer leak detection and repair services. Water savings of about 40 percent per dwelling unit are expected.

The multi-family common-area laundry high efficiency clothes washer component of the HEART project provides financial incentives or direct replacement of inefficient commercial clothes washers in multi-family settings. Older clothes washers use approximately 40 gallons per load, while high efficiency clothes washers use 10 to 16 gallons. They also extract more moisture from clothes during the spin cycle, thus reducing drying time (and wear and tear on the clothing). Savings of up to 60 percent per replacement washer can be expected. The Consortium for Energy Efficiency reports savings of 0.09 AFY (or greater) per commercial washer. There are approximately 10,500 multi-family dwelling units in the project area, as determined by MPWMD in consultation with the California American Water Company and the Seaside Municipal Water District. Assuming 50% of these units are served by common-area laundries, the overall market potential for water savings in this area are anticipated to exceed 126 AFY.

**IMPACT TO STAFF/RESOURCES:** The 2017-18 budget includes line item 4-2-3 D “DAC Direct Install Grant” for the HEART project, which would be reimbursed from grant funds, and a reimbursable budget line item will be added for the MPWMD Disadvantaged Community Needs Assessment project.

Several District staff would be involved in managing the projects. MPWMD is not proposing to be reimbursed for these services unless project costs are less than grant funding.

## **EXHIBIT**

None

## ADMINISTRATIVE COMMITTEE

### 3. CONSIDER EXPENDITURE OF FUNDS TO CONTRACT WITH VENTANA WILDLIFE SOCIETY FOR CARMEL RIVER AVIAN HABITAT MONITORING

<b>Meeting Date:</b>	<b>April 9, 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>Riparian Monitoring 2-1-3.B</b>
<b>Prepared By:</b>	<b>Thomas Christensen</b>	<b>Cost Estimate:</b>	<b>\$4,718</b>

**General Counsel Review:** N/A

**Committee Recommendation:** The Administrative Committee reviewed this item on April 9, 2018 and recommended\_\_\_\_\_.

**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 Board will consider authorizing staff to retain the Ventana Wildlife Society (VWS) to continue the District's avian (bird) habitat monitoring program on the Carmel River during calendar year 2018. This work will continue the monitoring of bird life along the river conducted since 1992, including the collection of data on the use of the Carmel River riparian corridor during bird migration and breeding seasons. This monitoring is conducted in accordance with the Mitigation Program for the District's Water Allocation Program EIR. The proposed scope of work, costs, and schedule are as shown in **Exhibit 3-A**.

**RECOMMENDATION:** District staff recommends that the Board authorize the General Manager to enter into a contract with the Ventana Wildlife Society for avian habitat monitoring work along the Carmel River at a cost not to exceed \$4,718 with the scope of work, costs and schedule as shown in **Exhibit 3-A**. If this item is adopted along with the Consent Calendar, staff will execute a contract with Ventana Wildlife Society for this work.

**BACKGROUND:** Avian use of riparian habitat provides an excellent indicator of wildlife habitat value. In 1992, the District established permanent sampling locations for avian species monitoring at several sites along the Carmel River. The purpose of this program is to measure bird use at the monitoring sites, thus providing an indication of changing patterns of habitat values in the District's restoration project areas. Information on bird populations and avian species diversity collected as part of the District's Mitigation Program has assisted in documenting trends in the response of wildlife populations to habitat enhancements implemented by the District.

The VWS sampling will span the nesting and fledgling period to assess patterns of wildlife use in District planting areas. Long-term monitoring of the same sampling locations provides an indication of the overall changes in wildlife habitat values resulting from the District's planting, irrigation, and erosion protection efforts. The Avian Point Count Census (nesting and fledgling observations of birds at nine locations along the Carmel River and calculation of the Species Diversity Index for each location) has been carried out annually from 1992 through 2010 and then

in 2015. Work under this contract will include collection and analysis of Species Diversity Index data as well as the preparation the 2018 results.

**IMPACTS ON STAFF AND RESOURCES:** Estimated costs for the scope of work as shown in **Exhibit 3-A** total \$4,718. Mileage expenses are included in this amount. The work will be performed under the direction of the District's Riparian Projects Coordinator.

**EXHIBIT**

**3-A** Proposal for Professional Avian Monitoring Services from Ventana Wildlife Society

**EXHIBIT 3-A**

VENTANA WILDLIFE SOCIETY  
*Conserving Native Wildlife and their Habitats*

9699 Blue Larkspur Ln., Ste 105  
 Monterey, CA 93940  
 P: (831) 455-9514  
 F: (831) 455-2846  
[www.ventanaws.org](http://www.ventanaws.org)

## SCOPE OF WORK

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### Overview


<b>Project Title</b>	The Carmel River Riparian Corridor Point Count Census
<b>Proposal Date</b>	March 13, 2018
<b>Submitted By</b>	Ventana Wildlife Society, 9699 Blue Larkspur Ln., Suite 105, Monterey, CA 93940
<b>Submitted To</b>	Monterey Peninsula Water Management District
<b>Proposed Project Area</b>	Carmel River, Monterey County
<b>Principal Investigator</b>	Mike Stake
<b>Organizational Information</b>	501(c)3 Non-Profit Organization; EIN#94-2795935
<b>Email</b>	mikestake@ventanaws.org
<b>Project Duration</b>	May 1, 2018 through August 31, 2018
<b>Proposed Budget Estimate</b>	\$4,718

## EXHIBIT A SCOPE OF WORK

### PROPOSAL FOR PROFESSIONAL AVIAN MONITORING SERVICES The Carmel River Riparian Corridor Point Count Census

This proposal encompasses the two tasks outlined below. Exhibits B and C (attached) detail a fee and work schedule.

#### **Task 1: DATA COLLECTION for Avian Point Count Census**



One biologist from Ventana Wildlife Society will conduct avian point count surveys at 36 points previously established at 9 sites (4/site) in the Carmel River riparian corridor. The biologist will be the same observer used in all previous surveys at the site since 2009. The biologist will conduct 4 rounds of surveys at each of the sites (i.e., 4 visits to each of the 36 survey points) in 2018. One round each will be conducted during the following periods:

1. 1-15 May
2. 16-31 May
3. 1-15 June
4. 16-30 June

All point count surveys will be conducted during morning hours, starting within 30 minutes after sunrise and finishing within 4 hours after sunrise. Each round of surveys will require 2 mornings to complete. On survey mornings, the biologist will drive between sites and navigate survey points on foot with a GPS unit. At each survey point, the biologist will record all birds detected by sight and sound in a 5-minute period. Each bird will be recorded in one of several distance categories to indicate distance from the survey point location. Data recorded will include species, number of individuals, estimated distance intervals, date of the survey, time of the survey, and general weather conditions. Surveys will not be conducted during periods of rain or excessive wind.

#### **Task 2: REPORTING for Avian Point Count Census**

Ventana Wildlife Society will enter data and maintain a database available to Monterey Peninsula Water Management District. A brief report will be submitted that contains tables of species encountered, the number of detections, and species diversity index. This report, along with copies of original data forms, and any GIS/geo-database files created, will be delivered to Monterey Peninsula Water Management District by 31 August 2018.

## EXHIBIT B FEE SCHEDULE

**Total Cost for Tasks 1-2 is \$4,718**

**Task 1-2:** The total cost to Monterey Peninsula Water Management District for Tasks 1-2 is \$4,718. Costs for each task are projected as: Task 1 - \$3,818; Task 2 - \$900. Invoicing will follow completed work and be submitted in two installments. Invoicing for Task 1 will follow completion of field work on 30 June 2018. Invoicing for Task 2 will follow completion of the report on 31 August 2018. Invoices for each task will not exceed the projected amounts.

### Task 1: Data Collection

Description	days	hr / day	Total hr	Rate (\$/hr)	Cost
Round 1 (36 Pts, May 1-15)	2	5	10	90	\$ 900
Round 2 (36 Pts, May 16-31)	2	5	10	90	\$ 900
Round 3 (36 Pts, June 1-15)	2	5	10	90	\$ 900
Round 4 (36 Pts, June 16-30)	2	5	10	90	\$ 900
Mileage (400 mi at \$0.545/mi)					\$ 218
<b>Task 1 Total</b>					<b>\$ 3,818</b>

### Task 2: Reporting

Description	Days	Hours / Day	Total Hr	Rate (\$/hr)	Cost
Data Entry	1	5	5	90	\$ 450
Report Preparation	1	5	5	90	\$ 450
<b>Task 2 Total</b>					<b>\$ 900</b>

**Budget Justification:** Ventana Wildlife Society staff biologist hourly rates are multiplied by projected hours. Hourly rate includes indirect costs, but not travel costs. Travel expenses (fuel and maintenance costs) are projected using the standard U.S. General Services Administration rates for privately owned vehicles of \$0.545/ mile multiplied by the estimated mileage.

## EXHIBIT C WORK SCHEDULE

**Task 1:** The completion goal for DATA COLLECTION is 30 June 2018. All data collection in the field will be conducted in May and June 2018.

**Task 2:** The completion goal for REPORTING is 31 August 2018.





## ADMINISTRATIVE COMMITTEE

### 4. CONSIDER ENTERING INTO AGREEMENTS WITH CALIFORNIA AMERICAN WATER AND DENISE DUFFY & ASSOCIATES FOR THE LOS PADRES DAM GRAVEL AUGMENTATION PROJECT

<b>Meeting Date:</b>	<b>April 9, 2018</b>	<b>Budgeted:</b>	<b>No</b>
<b>From:</b>	<b>Dave Stoldt, General Manager</b>	<b>Program/ Line Item No.:</b>	<b>Protect Environmental Quality Program – Aquatic Resources Fisheries</b>
<b>Prepared By:</b>	<b>Larry Hampson</b>	<b>Cost Estimate:</b>	<b>\$ 45,000 (Reimbursable)</b>

**General Counsel Approval:** N/A

**Committee Recommendation:** The Administrative Committee reviewed this item on April 9, 2018 and recommended \_\_\_\_\_.

**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:** California American Water (Cal-Am) has entered into a Memorandum of Agreement with the National Marine Fisheries Service (NMFS) that among other things, provides for interim gravel replenishment below Los Padres Dam (LPD) to maintain spawning gravels in the Carmel River downstream of Los Padres Dam (the Project) pending a determination about the future of the dam.

MPWMD carried out a project in 2014 at LPD to place 1,500 tons of spawning gravel in the channel downstream of the LPD spillway. High flows have since transported the material downstream. Cal-Am has requested that the District supervise a similar effort to place an additional 1,500 tons in the channel. Attached as **Exhibit 4-A** is a proposed reimbursement agreement between Cal-Am and the District for the Project. MPWMD would be the Lead Agency for California Environmental Quality Act compliance; acquire permits for the project; and supervise placement of the gravel. Cal-Am would be responsible for contracting for the purchase, delivery, and placement of the gravel.

Attached as **Exhibit 4-B** is a letter proposal from Denise Duffy & Associates for providing services to assist with acquiring the necessary permits for the Project.

As part of its ongoing commitment to fisheries habitat improvement in the Carmel River over the past 25 years, the District has placed more than 4,500 tons of spawning gravels between Los Padres Dam and the Sleepy Hollow Reach to improve steelhead spawning habitat over approximately seven miles of river. This cooperative Project between Cal-Am and the District will bring the total amount of spawning gravel placed in the river up to 6,700 tons.

**RECOMMENDATION:** Staff recommends authorizing the General Manager to: 1) enter into a reimbursement agreement with California American Water for MPWMD expenses associated with obtaining permits for placement of gravel at Los Padres Dam; 2) enter into an agreement with Denise Duffy & Associates for a Not-to-Exceed amount of \$45,000 for assistance with permit acquisition.

**IMPACT TO STAFF/RESOURCES:** Funds to retain the services of Duffy Denise & Associates would be added to the FY 2018-19 Fisheries Program Budget under account 24-04-785852 “Spawning Habitat.” Staff time will also be needed to oversee the project.

**EXHIBITS**

- 4-A** Draft Implementation and Reimbursement Agreement for Los Padres Dam Gravel Augmentation Project
  
- 4-B** Letter proposal from Denise Duffy & Associates

**Implementation and Reimbursement Agreement for  
Los Padres Dam Gravel Augmentation Project**

THIS IMPLEMENTATION AND REIMBURSEMENT AGREEMENT (Agreement) is made and entered into by and between California-American Water Company (California American Water or Cal-Am) and the Monterey Peninsula Water Management District (MPWMD or Water Management District).

**1. Recitals.**

1.1. The Water Management District was created by the California Legislature in 1977 (Statutes of 1977, Chapter 527, as amended). California American Water (Cal-Am) is a public utility regulated by the California Public Utilities Commission (CPUC or Commission).

1.2. California American Water has entered into a Memorandum of Agreement with the National Marine Fisheries Service (NMFS) effective January 10, 2018 (MOA), attached hereto as Exhibit A, that, among other things, provides for interim gravel replenishment below Los Padres Dam to maintain spawning gravels downstream of Los Padres Dam (the Project) pending a determination about the future of the dam.

1.3. Since 1994, MPWMD has had an ongoing program to augment spawning habitat for the benefit of steelhead throughout the Carmel River and has an interest in assisting Cal-Am with gravel replenishment at Los Padres Dam.

**AGREEMENT**

**2. Project Activities.**

MPWMD shall cooperate with Cal-Am on the Project. A preliminary scope of work is set forth in Exhibit B – Scope of Work. The MOA provides that gravel replenishment amounts, methods and scheduling are to be approved by NMFS. Cal-Am and MPWMD shall agree on the selection method, consultants to retained, and budget, and shall jointly develop a detailed scope of work to submit to NMFS for approval. Cal-Am in its sole discretion shall select the contractor to provide and place replenishment gravel, and shall enter into a contract with the contractor for such work. MPWMD and Cal-Am shall cooperate to carry out the Project as approved by NMFS. The Project is intended to be completed in phases over a three-year period starting with full execution of this Agreement. Cal-Am may request, and MPWMD shall grant, attendance and access to all materials, meetings, and reports associated with the Project.

**3. Reporting.**

3.1. The Water Management District shall provide to Cal-Am a quarterly report including a summary of work completed on the Project, with a comparison of the budget and schedule for the Project.

3.2 MPWMD shall provide annual summary reports for the Project to Cal-Am, NMFS, and any regulatory agency that requires a report. A final report on the Project will be due within 60 days of completion of the final phase of the Project.

3.3. Any report prepared pursuant to this section may be made available to the public and reviewed by the MPWMD Board at a public meeting.

**4. Invoices and Use of Funds.**

4.1. Cal-Am shall reimburse MPWMD for time and material spent for consultant assistance up to a maximum of the amount set forth on Exhibit C - Budget. Any proposed increases to the budget must be approved in writing by Cal-Am. MPWMD shall invoice Cal-Am no more frequently than quarterly for work completed. Such invoice shall itemize all costs and expenses charged and include copies of all corresponding invoices received by the Water Management District from its non-employee vendors and submit such electronically or by hard copy to:

California American Water  
J. Aman Gonzalez, Project Manager  
511 Forest Lodge Rd, Suite 100  
Pacific Grove, CA 93950

[Julio.gonzalez@amwater.com](mailto:Julio.gonzalez@amwater.com)

4.2. Cal-Am shall pay the full undisputed amount of the Water Management District's invoice within 45 days of receipt by Cal-Am.

4.3. The Water Management District shall use funds received pursuant to this Section 4 exclusively as reimbursement for reasonable and necessary costs incurred to implement the Project as specified herein. The Water Management District shall pay all employees, contractors and other vendors in accordance with the contracts between such parties (including any collective bargaining agreements), California law, or both, as applicable.

4.4 No reimbursement under this Agreement shall be made for work completed after three years from the date of execution of this Agreement.

**5. Records and Subsequent Review by California Public Utilities Commission**

MPWMD shall maintain complete and accurate records in accordance with generally accepted accounting practices for government agencies sufficient to show that funds received pursuant to this Agreement have been used exclusively to pay reasonable and necessary costs incurred to implement the Project. MPWMD shall fully assist and cooperate with Cal-Am in responding to any requests for information, including data requests, received from or issued by the CPUC regarding this Agreement or the Project.

**6. Performance.**

6.1. The MPWMD and Cal-Am shall meet on an as-needed basis throughout the term of this Agreement with the purpose of, among other things, ensuring that no activities performed by the MPWMD under this Agreement are duplicative of activities performed by Cal-Am or otherwise paid by Cal-Am's customers unless by its nature an activity requires a cooperative effort.

6.2. In its performance of activities under this Agreement, the MPWMD shall act as independent contractor and the Water Management District and Cal-Am are not an agent or employee of the other. The MPWMD shall have exclusive and complete control over its employees and subcontractors.

## **7. Term, Termination and Survival**

7.1. Unless terminated earlier under the subsequent paragraphs, this Agreement shall remain in effect for three years after the date of execution.

7.2. Cal-Am may terminate this agreement at its convenience by providing the MPWMD written notice, in the manner specified in Section 10, 30 calendar days prior to the proposed termination date.

7.3. The MPWMD may terminate this agreement at its convenience by providing Cal-Am written notice, in the manner specified in Section 10, 90 calendar days prior to the proposed termination date such that Cal-Am can arrange for alternate performance.

7.4. Any obligation for one party to indemnify another shall survive the termination of this Agreement.

7.5. The obligations under Section 5 shall remain in effect until the expiration of the time Cal-Am is required to preserve records regarding any aspect of this transaction pursuant to Resolution A-4691 of the California Public Utilities Commission dated July 12, 1977.

## **8. Disputes and Indemnification**

8.1. In the event a dispute arises out of the performance of this Agreement, either party shall, as soon as a conflict is identified, submit a written statement of the conflict to the other party. Within five (5) working days of receipt of such a statement of conflict, the second party will respond and a meeting will be arranged not more than five (5) working days thereafter to arrive at a negotiated settlement or procedure for settlement. If, within twenty (20) working days from the initial filing of a statement of conflict an agreement cannot be reached, the parties agree to submit the matter to non-binding mediation. If meditation is unsuccessful, it is agreed that the dispute may be resolved in a court of law competent to hear this matter.

8.2. Notwithstanding any other provision of this Agreement, each Party shall indemnify, defend, protect, hold harmless, and release the other Party, any parent or affiliate, and their respective officers, agents, and employees, from and against any and all claims losses, proceedings, damages, causes of action, liability, costs, or expense (including attorney's fees and witness costs) suffered or incurred by such other Party and

arising from or in connection with, or caused by any breach of this Agreement by the indemnifying Party, or any negligent act or omission or willful misconduct of such indemnifying party in the performance of its obligations under this Agreement. This indemnification obligation shall not be limited in any way by any limitation on the amount or type of damages or compensation payable to or for the indemnifying party under workers' compensation acts, disability benefit acts, or other employee benefit acts.

8.3. This Agreement shall be construed in accord with California law without reference to conflicts of laws principles.

8.4. The prevailing party shall be awarded costs of suit and attorneys' fees.

**9. Amendment and Integration**

9.1. This Agreement sets forth the entire understanding of the parties with respect to the subject matter herein. Except as stated herein, there are no other agreements expressed or implied, oral or written, except as set forth herein.

9.2. If, during the course of the work herein contemplated, the need to change the purpose of this Agreement should arise, for whatever reason, whichever party first identifies such need to change shall notify the other party in writing. The authorized representatives of the parties shall meet within seven (7) working days of the date of such notice, to discuss the need for change so identified and to determine if this Agreement should be amended.

9.3. Any changes agreed to shall be documented by duly approved and executed amendments to this Agreement or other means acceptable to both parties.

**10. Notices.**

10.1. All communications to either party by the other shall be deemed given when made in writing and delivered or mailed to such party at its respective address shown in Paragraph 10.2

10.2. Addresses for Notices

MPWMD: District Engineer  
Monterey Peninsula Water Management District  
5 Harris Court, Bldg. G  
Post Office Box 85  
Monterey, California 93942

California American Water: Ian Crooks, Vice President, Engineering  
California-American Water Company  
511 Forest Lodge Road, Suite 100  
Pacific Grove, California 93950

With a copy to:

Kathryn Horning, Corporate Counsel  
California-American Water Company  
655 West Broadway, Suite 1410  
San Diego, California 92101

**11. Additional Exhibits.** This Agreement refers to the following prior documents:

Exhibit A - Settlement Agreement between National Marine Fisheries Service and California American Water;

Exhibit B – Scope of Work;

Exhibit C – Budget

Exhibit D - Schedule

IN WITNESS WHEREOF, the parties hereto have entered into this Agreement effective as of the date it has been executed by both parties.

**MONTEREY PENINSULA WATER MANAGEMENT DISTRICT**

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BY: David J. Stoldt  
General Manager

**CALIFORNIA-AMERICAN WATER COMPANY**

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BY:  
Vice-President, Engineering





**Exhibit A – Settlement Agreement between  
National Marine Fisheries Service and  
California American Water**

## Memorandum of Agreement

**THIS Memorandum of Agreement is made by and between California-American Water Company ("CAW"), the U.S. Department of Commerce, National Marine Fisheries Service ("NMFS"), and the California State Coastal Conservancy ("the Conservancy"). Throughout this Memorandum of Agreement, CAW, NMFS and the Conservancy are collectively referred to as the "Parties."**

### RECITALS

#### I. Introduction

- A. CAW is the owner and operator of the public drinking water system for the Monterey Peninsula, which serves approximately 40,000 customers. CAW is regulated by the California Public Utilities Commission ("CPUC") and is mandated by California law to serve potable water to its customers and to comply with federal and state safe drinking water laws and regulations, as well as the federal Endangered Species Act, 16 U.S.C. § 1531, *et seq.* (the "ESA"). A major source of CAW's water supply is diversions from the Carmel Valley Aquifer. CAW is currently working to develop an alternative long-term water supply to replace a significant portion of that water supply.
- B. NMFS, part of the National Oceanic and Atmospheric Agency ("NOAA") is the federal agency that listed the naturally-spawned populations of South-Central California Coast Steelhead Distinct Population Segment ("SCCC steelhead") as threatened under the ESA and that oversees protection, conservation and recovery of the SCCC steelhead.
- C. The Conservancy is a California State agency established to protect and improve natural lands and waterways.
- D. The Parties have a mutual interest in promoting the conservation and recovery of SCCC steelhead.
- E. In 2016 the State Water Resources Control Board ("SWRCB") issued an amended order ("Amended CDO"), described below, requiring CAW to take certain measures to promote and conserve steelhead and to eliminate unauthorized diversions of water from the Carmel River by December 31, 2021. CAW is also party to a 2009 Settlement Agreement, as amended ("Settlement Agreement") with NOAA, described below, and a 2001 Conservation Agreement ("Conservation Agreement") with NMFS, described below, requiring CAW to take certain measures for the benefit of the SCCC steelhead. CAW and NMFS also have an agreement ("ASR Agreement") with California Department of Fish and Wildlife ("CDFW") and the Monterey Peninsula Water Management District ("MPWMD") establishing protocols for recovery of water from groundwater storage during the recovery season (June 1 through November 30).

**MOA between CAW, NMFS, and the Conservancy 2017**

- F. The Parties acknowledge that CAW has completed some of the measures required in the Conservation and Settlement Agreements. In addition, CAW asserts that, as part of an overall effort to protect and enhance SCCC steelhead, CAW and its customers have paid for additional steelhead mitigation measures for many years. Some of these measures, implemented by the MPWMD, include annual fish rescues, the construction, maintenance, renovation, and operation of a rearing facility to hold rescued steelhead, monitoring of and improvements to the instream and riparian habitat, improvements to the Carmel River Lagoon, and monitoring fish numbers during migration, and have cost CAW's ratepayers over \$28M to date. CAW also asserts that it has funded a number of other fishery restoration activities, including funding a forbearance agreement with the Trust for Public Land to add approximately 300 afa to the Carmel River over the next three years, part of a larger effort to convert the Rancho Cañada golf course to riparian habitat; helping to fund the removal of the San Clemente Dam, part of the Carmel River Reroute and San Clemente Dam Removal ("CRRDR") Project; facilitating a third-party water right change petition resulting in the dedication of water to instream flows as part of the Carmel River Floodplain Restoration and Environmental Enhancement Project; and development of a program to acquire and cause the dedication of new water sources and/or water rights to offset CAW's unauthorized diversions from the Carmel River and increase instream flows, all at a cost to CAW's ratepayers. And, beginning in early 2009, CAW worked with a stakeholder group comprised of NMFS, CDFW, and MPWMD to evaluate alternatives and reach a consensus on fish passage improvements at Los Padres Dam (LPD). The Los Padres Dam Fish Passage project, including a floating weir surface collector and bypass conduit system, was identified as the preferred downstream fish passage alternative, allowing juvenile and adult steelhead to migrate downstream past LPD. Project components include a behavioral guidance system, floating weir surface collector, fish bypass conduit, bypass access portals, and bypass outfall. CAW placed the facility into service in March 2016 at a cost of about \$5 million.
- G. The Parties also acknowledge that some of the work required under the two Agreements with NOAA and NMFS has not been fully completed and/or is ongoing. In addition, the Amended CDO requires CAW to undertake actions to eliminate unauthorized diversions from the Carmel River and to terminate all unauthorized diversions from the river no later than December 31, 2021, and to take certain actions that benefit SCCC steelhead in the interim.
- H. The Parties agree that additional measures pending completion of the remaining work under the Amended CDO, the Conservation Agreement, and the Settlement Agreement, would facilitate improvements to SCCC steelhead and their Carmel River habitat. NMFS believes that the impacts of LPD are among the challenges to improving their habitat, and that a clear passage channel is critical for upstream and downstream migration of steelhead through the sediment delta. In addition, LPD traps sediment, and may at times have contributed to a starved river condition downstream of LPD, lacking spawning gravels for steelhead and other sized sediment for food production.

**MOA between CAW, NMFS, and the Conservancy 2017**

- I. The Parties also agree that, prior to implementing such additional measures, one or more studies are necessary to identify and guide the selection of appropriate and feasible interim and longer-term measures, and that studies currently being carried out by third parties, including MPWMD, may assist in this process. This Memorandum of Agreement therefore sets forth a process and schedules for carrying out such studies and for the implementation of certain interim measures. The Parties agree to address longer term additional measures as guided by the studies contemplated in this Memorandum of Agreement within a process and timetable geared toward resolving long term issues with respect to CAW's pumping operations, water withdrawals from the Carmel River and remaining operations. Adherence to the process set forth herein for carrying out the studies and implementing interim measures and the framework and timetable to resolve longer term issues shall demonstrate both commitment and good faith progress toward reaching the long term objectives of the Parties identified in Paragraph L, below.
- J. The Parties recognize that implementation of the measures contemplated by this Memorandum of Agreement may involve other parties, and may require permits and/or authorizations from other regulatory agencies.
- K. Accordingly, the Parties are entering into this Memorandum of Agreement to extend the terms of the Conservation Agreement and Settlement Agreement and implement new terms related to CAW's operations. The Parties also enter into this Memorandum of Agreement to ensure the long-term cooperation between the Parties to achieve the goals set forth in this agreement, which reflect the goals stated in the Conservation and Settlement Agreements.
- L. The goals and objectives of this Memorandum of Agreement are as follows:
  1. NMFS' goal and objective is to protect and conserve SCCC steelhead in the Carmel River, including maximizing the Carmel River Basin's substantial contribution toward recovering SCCC steelhead and enforcing the ESA.
  2. CAW's goal and objective is to supply water in accordance with its CPUC Certificate in a manner that complies with the ESA and other regulatory obligations under state and federal law.
  3. The Conservancy's goal is to restore and enhance coastal resources and coastal watersheds, consistent with Division 21 of the Public Resources Code, including by funding projects that restore and enhance habitat for SCCC steelhead, and/or otherwise aid in the recovery of SCCC steelhead in the Carmel River Watershed.

**II. State Water Resources Control Board Orders**

- A. CAW's operations on the Carmel River are regulated by a number of agencies pursuant to certain orders and agreements. In 1995, the SWRCB issued Order No. WR 95-10 ("Order 95-10"), mandating that CAW find an alternative supply

## MOA between CAW, NMFS, and the Conservancy 2017

for unauthorized diversions of water from the Carmel River and, pending the implementation of an alternative water supply, limit its diversions from the Carmel Valley to 11,284.8 acre-feet ("AF"). Order 95-10 was amended in 2002 to incorporate certain provisions of the Conservation Agreement (described below) relating to additional limitations on CAW's diversions at San Clemente Dam and upstream wells during low flow periods. CAW's operation of Los Padres Dam is controlled by an annual agreement among CAW, MPWMD and CDFW.

- B. In 2009, the SWRCB issued Order WR 2009-0060, the Cease and Desist Order ("CDO"), finding that CAW had failed to fully comply with the requirements of Order 95-10, and was in violation of California Water Code Section 1052 from its unauthorized water diversions on the Carmel River. The CDO mandated, among other things, that CAW: a) shall diligently implement actions to eliminate unauthorized diversions from the Carmel River and terminate all unauthorized diversions by December 31, 2016; b) shall not divert water from the Carmel River for new service connections or for any increased use of water at existing service addresses resulting from a change in zoning or use; and, c) shall reduce water diversions by 5% (549 acre-feet per annum [afa]) beginning in October 2009, and increase reductions by an additional 121 afa (cumulative) beginning in October 2011.
- C. In 2016, at CAW's request, the SWRCB issued Order WR 2016-0016, amending in part the CDO ("Amended CDO"). The Amended CDO found that CAW would not terminate its unauthorized diversions by December 31, 2016 because a planned regional desalination plant would not be constructed by that date, and identified instead CAW's plans for the Monterey Peninsula Water Supply Project ("MPWSP"), which included an alternate desalination plant, a water recycling plant, and expansion of facilities for groundwater storage, projects that are undergoing review by permitting agencies and that are anticipated to become operational before December 31, 2021. The Amended CDO, among other things, mandates that CAW terminate all unauthorized diversions by December 31, 2021, establishes interim milestones for the projects identified by CAW, and provides that CAW may withdraw 8,310 afa from the Carmel River beginning October 1, 2015 through December 31, 2021 (with certain exceptions and adjustments as provided in the Amended CDO), with specified reductions to that amount each time a milestone is not met.
- D. The Amended CDO also requires that CAW provide annual funding in the amount of up to \$175,000 for preparation of an annual report evaluating the status of the threatened South-Central California Coast Steelhead Distinct Population Segment ("SCCC Steelhead DPS"), to be prepared if possible by NMFS Southwest Fisheries Science Center ("SWSFC") and, if not possible, for CAW to designate another entity with the requisite expertise that NMFS finds acceptable. If a SWSFC annual report indicates a significant change in the status of the SCCC Steelhead DPS since the previous report, NMFS may provide recommendations

**MOA between CAW, NMFS, and the Conservancy 2017**

for additional adaptive management measures to be taken with respect to the SCCC Steelhead DPS in the Carmel River.

- E. The Amended CDO notes that CAW has indicated that it will implement an additional \$2.5 million of projects to improve fish habitat during the four years following adoption of the Amended CDO, including a) improvements to the existing upstream fish passage ladder and trap at Los Padres Dam (\$0.2 million), installation of a fish screen at the inlet pipe in Los Padres Reservoir (\$0.8 million), a pit tagging program (\$1.0 million); and a through- reservoir study for Los Padres Reservoir (\$0.5 million). The Amended CDO provides that if these projects are not implemented according to the plans developed by CAW and NMFS, the SWRCB may revisit the Amended CDO.
- F. Subsequent to the issuance of the Amended CDO, NMFS became aware that installation of a fish screen at the inlet pipe may not provide the benefits initially sought and that installation done at certain times of the year or in a certain manner may result in greater harm to the SCCC Steelhead DPS. NMFS has concluded that CAW should conduct or fund a study to determine the benefits of fish screen installation, before risking possible harm to the steelhead. This study could be conducted as part of ongoing studies.

**III. 2001 Conservation Agreement**

- A. On September 18, 2001, NMFS and CAW entered into the Conservation Agreement which required CAW to implement certain measures, categorized as Tier I, II and III, to reduce the impact of its operations in the Carmel River on steelhead and their habitat. As described below, CAW has implemented many but not all of the measures.
- B. The Conservation Agreement contained three tiers of activities. Tier I included short- and mid-term (Phase I and II) actions designed to conserve steelhead in the Carmel River. Tier II described the process to be followed to address the California Division of Safety of Dams' ("DSOD") issues with San Clemente Dam and other mid-term measures designed to conserve steelhead in the Carmel River. Tier III described the process to be followed to address the long-term implementation of actions designed to meet the goals identified by NMFS and CAW in the Conservation Agreement.
- C. Since September 2001, CAW has implemented all of the measures set forth in Phase I of Tier I of the Conservation Agreement. These measures include ceasing surface water diversions at San Clemente Dam during low flow periods, ceasing diversions from the Upper Carmel Valley Wells during low flow periods, and installing a booster station to move water from the lower Carmel Valley to the Upper Carmel Valley.
- D. Phase II of Tier I of the Conservation Agreement required CAW to maintain a continuous surface flow in the Carmel River as far downstream as possible in

**MOA between CAW, NMFS, and the Conservancy 2017**

AQ3 (a defined area of the Carmel Valley Aquifer) by offsetting CAW water diversions in upstream sections of AQ3 with expanded diversion capability in AQ4, in the lowermost reaches of AQ3, and the Seaside Basin aquifer storage and recovery ("ASR") expansion. Phase II required CAW to increase well capacity downstream of and including the San Carlos Well by 3.0 to 5.0 cfs. CAW retrofitted the Rancho Cañada Well and increased its capacity initially by 140%. The reconditioned well was put into service on March 31, 2003. At about the same time, the California Department of Health Services opined that extractions from the nearby San Carlos Well constitute groundwater under the influence of surface water. The San Carlos Well was therefore taken out of service, as there is no means of providing surface water treatment at that location. This resulted in no net gain in pumping capacity in the lower aquifer.

- E. The next step in Phase II of Tier I of the Conservation Agreement was to be the installation of a new well in the lower Carmel Valley aquifer. Studies showed that any new well in the lower Carmel Valley would likely require surface water treatment and construction of a surface water treatment plant, which was estimated to cost approximately \$5.5 million. In light of CAW's need to focus its financial and personnel resources on a long-term water supply project, rather than those interim measures in the Carmel River, the Parties agreed that proceeding with the measures set forth in Phase II of Tier I would not be financially prudent.

**IV. 2009 Settlement Agreement**

- A. On March 3, 2009, NOAA, CAW, and CDFW entered into the Settlement Agreement that required CAW to continue its implementation of the Tier I measures set forth in the Conservation Agreement. The Settlement Agreement also provided as new Tier I Phase II Activities that CAW make annual payments totaling \$11,200,000 to CDFW for mitigation projects to address the impacts of CAW's well-pumping and water withdrawals on the Carmel River ("New Tier I Phase II Activities"). For Tier III, CAW identified the Coastal Water Project ("CWP") as its proposed project for a long-term water supply, and committed to diligently pursue the environmental review and required permits to design, build and operate the CWP. On June 30, 2014, the Settlement Agreement was amended to include the Conservancy as a party for receipt, custody and control of the payments due under the Settlement Agreement.
- B. Paragraph VIII (A) of the 2009 Settlement Agreement noted that the Settlement Agreement does not address NOAA's ESA concerns with respect to any of CAW's operations other than well-pumping and water withdrawals from the Carmel River watershed. CAW and NOAA agreed to negotiate in good faith, and using their best efforts, to reach an agreement addressing NOAA's ESA concerns regarding CAW's "remaining operations" that were not covered by the 2009 Settlement Agreement.
- C. Under the 2009 Settlement Agreement (as amended), CAW has paid \$11,200,000 to fund New Tier I Phase II Activities. Moreover, CAW is currently meeting or has met all conditions of Tier I Phase I of the Conservation Agreement.

**MOA between CAW, NMFS, and the Conservancy 2017**

- D. As identified in the Amended CDO, the CWP and its proposed alternative, the Regional Desalination Plant, were not able to be constructed. CAW has identified as an alternative the MPWSP as its proposed project for a long-term water supply.

**A G R E E M E N T:**

**NOW, THEREFORE,** the Parties hereby agree to the following set of activities for CAW to operate over the next five years

**I. Continuation of Tier I Phase I Activities:**

Throughout the term of this Memorandum of Agreement, CAW shall continue to implement all of the measures described in Phase I of Tier I of the Conservation Agreement.

**II. Additional Funding for New Tier I Phase II Activities:**

- A. In order to minimize effects resulting from its ongoing water operations, including ongoing water diversions, CAW agrees to pay a total of Five Million Five Hundred Thousand Dollars (\$5,500,000.00) over a period of five (5) years in consecutive annual payments of One Million One Hundred Thousand Dollars (\$1,100,000.00) per year, as specified in Table 1 of this Memorandum of Agreement, which is attached hereto and is part of this Memorandum of Agreement, for New Tier I Phase II Activities as described in the 2009 Settlement Agreement. Each annual payment shall be due and payable on or before July 1. These payments are in addition to any expenditures required by Paragraphs 4 and 5 of the Amended CDO for the annual report on the status of SCCC Steelhead and other conservation projects.
- B. All payments CAW makes under this Memorandum of Agreement shall be used to fund projects to improve habitat conditions for, and production of, SCCC steelhead, including adaptive management of habitat at the former San Clemente Dam site, and/or otherwise aid in the recovery of SCCC steelhead in the Carmel River Watershed (collectively, "projects"). No funds shall be expended for activities or projects that are the responsibility of CAW to complete under this Memorandum of Agreement or any other municipal, state or federal action.
- C. Subject to any required approvals by the California Department of Finance, the Conservancy shall deposit all funds received pursuant to this Memorandum of Agreement into the Coastal Trust Fund. All future payments CAW makes under this Memorandum of Agreement shall be made to the Conservancy in accordance with procedures specified by the Conservancy for transfer of the funds. CAW shall notify all Parties each time a payment is made under the Memorandum of Agreement. The Conservancy shall have custody and control of the payments until they are expended pursuant to this Memorandum of Agreement. The Conservancy shall maintain records of its management of CAW's payments and shall provide annual accounting reports to NMFS and CAW on or before September 30 of each year, regarding the management and expenditure of the funds, until such time as all funds have been



**MOA between CAW, NMFS, and the Conservancy 2017**

expended. Within 60 days of the expiration of this Memorandum of Agreement pursuant to Section IX(A) below, the Conservancy shall prepare a final accounting report to NMFS and CAW. The Conservancy shall ensure that all payments are expended for the benefit of SCCC steelhead in accordance with the purposes described in Section II(B) of this Memorandum of Agreement, but will use 10% of each payment to administer, manage and monitor the funds and the projects described in Section II(B). When expending the payments for projects pursuant to Section II(B), the Conservancy shall seek to maximize the value of the funds by seeking cash or in-kind matching contributions from fund recipients or non-State, third party project partners whenever possible.

- D. The Conservancy shall consult with NMFS and CAW, as it deems necessary, or as may be required by statute or regulation, to resolve any questions it may have concerning projects to be funded with the money paid by CAW pursuant to Section II(A), including any technical questions it may have.
- E. The Parties recognize that any activity on or near the Carmel River can have potentially adverse effects on CAW's ability to serve potable water safe for public consumption. The Conservancy will not fund any projects that will adversely affect CAW's mandate under California law to serve potable water to its customers and to comply with federal and state safe drinking water laws and regulations.
- F. Any failure by CAW to make any payment required by this Memorandum of Agreement within the time period this Memorandum of Agreement specifies shall constitute a breach of this Memorandum of Agreement. In the event of a breach, the Conservancy shall notify NMFS and NMFS shall give CAW written notice of the breach by registered mail and demand that CAW make payment within ten (10) business days of receipt of such notice by CAW.

**III. Tier III Activities:**

CAW has identified the MPWSP as its proposed project for a long-term water supply to replace unauthorized diversions from the Carmel Valley Aquifer and to reduce reliance upon and protect against overdraft of the Seaside Groundwater Basin. CAW will continue to diligently pursue the environmental review and required permits to design, build and operate the MPWSP. The current schedule contemplates having the MPWSP in full operation by 2021 at the earliest. The Parties recognize that the MPWSP will require extensive environmental review and permits from many federal, state and local agencies over which CAW has no control. CAW will keep NMFS informed of the MPWSP's schedule, progress, potential delays and the reasons therefore. Pending completion of the MPWSP, in order to minimize the effects resulting from its ongoing water operations including ongoing water diversions, CAW will comply with the new Tier I Phase II activities outlined in Paragraph II.A. and will comply with the obligations identified in Paragraph IV.

## MOA between CAW, NMFS, and the Conservancy 2017

**IV. Activities Related to CAW Remaining Operations**

Paragraph VIII (A) of the Settlement Agreement noted that the Settlement Agreement does not address NOAA's ESA concerns with respect to CAW's operations other than well-pumping and water withdrawals from the Carmel River watershed, and requires the Parties to negotiate in good faith, and using their best efforts, to reach an agreement addressing NOAA's ESA concerns regarding CAW's "remaining operations." This Section addresses ESA concerns identified in the 2009 Agreement and additional NMFS' ESA concerns. For purposes of this Memorandum of Agreement, the "remaining operations" of CAW are limited to: Operation and maintenance of Los Padres Dam; Management of water diversions from the Carmel River; General maintenance and drainage of CAW managed roads; and, planning for long term legal authorization for possible future incidental takes of SCCC steelhead (collectively, the "Remaining Operations").

***A. CAW's Obligations with Respect to Operation, Maintenance and Potential Removal of Los Padres Dam***

Los Padres Dam ("LPD") is a 148-foot high earth fill dam on the Carmel River located at river mile 24.8 built in 1948. The original storage capacity behind LPD was 3,030 acre-feet. Current storage is approximately 1,731 acre-feet. There is a fish ladder just downstream of the dam that extends from the Carmel River to a tank located about 100 feet up the left bank (facing downstream). Fish that swim into the ladder enter the tank and are held there until CAW operators transfer them to a truck and deliver them to a release site near the reservoir upstream of the LPD. CAW currently possesses an appropriative right to divert water to storage in the Los Padres Reservoir from October 1 to May 31 under License 11866, whose face amount is 3,030 afa. Subject to certain conditions, License 11866 also requires the licensee to maintain a flow of not less than five cubic feet per second in the channel of the Carmel River directly below the outlet structure of LPD.

NMFS believes that removing LPD would provide sufficient access to the upper watershed for spawning and rearing of steelhead, and that removal of LPD would alleviate the need for any additional mitigation/take coverage for impacts to steelhead from CAW's operations at LPD. However, the water stored behind LPD is currently used each year to maintain flows as far downstream as possible during the summer rearing season for juvenile steelhead. Removal of LPD should not occur, if at all, until the impacts of removal on the river system are assessed and alternative water sources are in place to ensure stored water is not needed during the low flow season. Additionally, prior to removal of LPD, CAW must receive approval from the SWRCB for a change in method and place of diversion under License 11866 such that CAW's diversion rights are fully protected. The Parties agree that SWRCB approval of such a water rights change petition is a condition precedent to removal of LPD.

While LPD remains in place, NMFS believes that measures to ensure safe unimpeded passage over or past the dam are critical for upstream and downstream steelhead migration.

**MOA between CAW, NMFS, and the Conservancy 2017****1. Study Evaluating Feasibility of Removal of LPD**

a. By June 30, 2019, CAW will complete a study ("LPD Feasibility Study") to evaluate the feasibility of removal of the LPD dam. The Parties agree that the LPD Feasibility Study must include analysis of the loss of water storage for summer flows and the benefits of access to the upper watershed if LPD is removed. The LPD Feasibility Study must also evaluate options for permanent unimpeded upstream and downstream passage and management of sediment if LPD is left in place. In addition, the LPD Feasibility Study should include an analysis of technical, environmental, economic and permitting issues, and an analysis of any impact on CAW's water rights, including an assessment of whether SWRCB approval may be obtained for a change to CAW's permitted diversions to storage at Los Padres Reservoir.

b. To assist in preparing the LPD Feasibility Study, CAW may rely on ongoing studies for which CAW has provided \$1.0 million in funding to MPWMD for certain studies concerning the fate of LPD ("MPWMD Studies"). As of the date of this Memorandum of Agreement, MPWMD anticipates completion of the MPWMD Studies by the end of 2018. CAW and NMFS agree to meet by June 30, 2018 to discuss the status of the MPWMD Studies, to determine what, if any, additional studies by CAW may reasonably be necessary for completion of the LPD Feasibility Study. If CAW and NMFS agree that additional studies are necessary, they may agree on an extended deadline for completion of the LPD Feasibility Study.

The MPWMD Studies include the following individual component studies:

i) LPD Fish Passage Feasibility Study: MPWMD and CAW are facilitating a study of volitional and other fish passage improvements to help inform the long-term management of LPD and the decision of whether to introduce improvements that would allow upstream volitional passage or improve the existing trap and transport program. Potential volitional fish passage alternatives will be identified and evaluated concurrently with the existing trap and transport program, and at least one upstream volitional alternative will be carried throughout the study. The study will consider technical feasibility (including both engineering feasibility and fish passage feasibility), biological feasibility, and economic feasibility (including financial feasibility and a cost effectiveness analysis), and will evaluate whether upstream passage facilities can also act in the downstream direction to provide enhanced opportunities for downstream migration. MPWMD anticipates that a draft fish passage feasibility report would be completed by the end of 2017.

ii) Los Padres Dam and Reservoir Alternatives and Sediment Management Study: MPWMD and CAW are facilitating a study to evaluate the effects of five alternatives to address sediment at LPD: (1) a no action alternative; (2) dam removal; (3) dredging reservoir sediments; (4) reservoir storage

**MOA between CAW, NMFS, and the Conservancy 2017**

expansion; and (5) sediment management (evaluating alternatives that would result in a sustaining long-term surface storage while minimizing downstream impacts on aquatic habitat). MPWMD anticipates a completion date in the second quarter of 2018, but completion could be delayed if permits are required from the Army Corps of Engineers and/or CDFW. In addition to the meeting to occur prior to June 30, 2018 identified in Section IV.A.1.b, above, to discuss the status of all of the studies, CAW and NMFS agree to meet by March 31, 2018, to discuss the status of this Sediment Management Study, to determine whether additional studies on interim sediment removal by CAW are necessary to complete the Sediment Management Study, and, if additional studies are needed, to determine a reasonable deadline for completion of those studies.

iii) Carmel River Basin Hydrologic Model: MPWMD is facilitating preparation of a hydrologic model to address freshwater availability in the Carmel River watershed, document water storage capabilities of surface water storage facilities and storage in the aquifer system, and refine and develop surface water/groundwater models to help better understand the aquifer system. The model will be used to estimate daily water availability in the Carmel River with various current and future demands, operational changes, and water supply alternatives scenarios. U.S. Geological Survey has agreed to calibrate the model and is expected to complete work in the spring of 2017. MPWMD anticipates a study completion date in the fourth quarter of 2017.

iv) Instream Flow Incremental Method Study of the Carmel River: MPWMD is facilitating preparation of an instream flow assessment for the Carmel River to support a variety of studies and efforts in connection with managing the Carmel River lagoon, evaluating options for the future of LPD, and evaluating operational changes due to proposed water supply projects that replace Carmel River diversions. Habitat typing was completed in 2015 and transects were selected in cooperation with CDFW in early 2016. Flow measurements were completed in 2016 and a 2-D daily time step hydraulic model to simulate passage in critical riffles in the lower river has been calibrated. Big Sur River habitat suitability criteria were validated for use in a 1-D daily time step habitat simulation model for the middle and upper portions of the river. MPWMD anticipates completion of the study in the second quarter of 2017.

Once the individual MPWMD studies are completed, MPWMD plans to consolidate the results to determine feasible options for LPD. MPWMD anticipates completing its studies of LPD alternatives by the end of 2018.

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c. Within three months after completion of the LPD Feasibility Study, CAW and NMFS agree to meet to discuss the results of the LPD Feasibility Study. The parties may also determine that additional studies are needed, and a schedule for completion of additional studies will be developed at that time. Representatives from MPWMD and CDFW may also participate in the meeting and provide input.

d. CAW will make its final determination whether to remove the dam within six months following completion of the LPD Feasibility Study, unless the Parties agree that additional studies are necessary and agree to a later deadline.

e. . If removal of LPD is found to be feasible and the Parties agree to removal CAW agrees to submit necessary petitions to the SWRCB for a Change of Method of Diversion, requesting a change from storage to direct diversion from wells for diversions under License 11866, and a Change of Point of Diversion, requesting to change the point of diversion to the lowermost wells in Sub-unit 3 of the Carmel Valley Alluvial Aquifer. Any changes to License 11866 must fully protect CAW's diversion rights, and SWRCB approval of such changes must be received prior to the removal of LPD. Changing the point of diversion for CAW's water right under License 11866 would also alleviate NMFS' ESA concerns related to CAW's operations from pumping under License 11866.

f. If found feasible, and the Parties agree to removal, CAW further agrees to remove LPD within five years after an alternative water supply, as described in the Final Environmental Impact Report/Environmental Impact Statement for the MPWSP, is implemented, subject to reasonable extensions based on permitting or other authorization requirements, or other conditions beyond CAW's control.

2. Interim measures pending the completion of the LPD Feasibility Study, and, if removal of LPD is found feasible and the Parties agree to removal, pending removal of LPD.

The following interim measures shall be implemented to ensure unimpeded steelhead passage upstream and downstream of the LPD. The Parties agree to make reasonable adjustments to individual deadlines stated below if reservoir levels or river flow regimes create conditions that would make the specified activity infeasible or that could be harmful to steelhead or their habitat if carried out within the time period provided.

a. Los Padres Dam and Reservoir Piping.

Three outlet structures currently exist at LPD to release water from Los Padres Reservoir. They are all tied to one intake pipe located in the reservoir approximately 30 feet from the dam at elevation 950' ("intake pipe"). The intake is approximately 36" in diameter. The intake pipe is currently not screened in accordance with NMFS' fish screen criteria.

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i) CAW agrees to conduct or fund a study to investigate juvenile steelhead residence time and behavior in the Los Padres Reservoir to determine the need for screening the intake pipe. The study would inform future conservation actions if LPD remains in place, or pending removal of LPD, and future restoration projects aimed at recovering steelhead in the watershed. NMFS and CAW will agree on a study design by June 30, 2018, including a date for completion of the study and preparation of a final report, taking into consideration the scope of the study, site access, and acquisition of any necessary permits and authorizations. The study would provide valuable information on the behavior and residence time of steelhead in the Los Padres Reservoir.

ii) This study could be undertaken as part of existing studies, including as part of the existing MPWMD studies, the studies required as part of the CDO, or as part of the restoration projects.

**b. Steelhead Passage Upstream**

NMFS believes that redesigning and/or reconfiguring the existing ladder collecting fish for the trap and transport operation at LPD would improve attraction efficiency.

i) The Parties agree to meet within three months following execution of this Memorandum of Agreement to consider implementation, on an interim basis, of improvements to the trap and transport program including development of standard operating procedures (SOP) as well as design improvements to the existing ladder. Representatives from MPWMD and CDFW may also participate in these meetings and provide input. Any proposed design improvements to the existing ladder must be approved by NMFS prior to installation and must be implemented, following receipt of any necessary discretionary approvals by applicable permitting agencies and consistent with the requirements of such approvals, within six months following execution of this Memorandum of Agreement. The Parties agree to provide reasonable extensions of this deadline to accommodate the acquisition of any permits or other authorizations that may be necessary depending on the improvements selected.

ii) The SOP would include at a minimum the following existing procedures: ensuring trap and transport operators have the appropriate education, training and/or experience; checking the trap daily from Monday through Saturday (including holidays) during the adult steelhead migration season of December through May and after the Carmel Lagoon sandbar is open; increasing the frequency of trap monitoring from December through May when more than one adult steelhead is observed in the trap or immediately downstream of the ladder until adult abundances decrease; checking the trap daily from Monday through Sunday (including holidays) when adult steelhead are moving upriver.

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Steelhead adults are assumed to be moving upriver when they are found in the trap any Monday through Saturday; and using best efforts to check the trap at approximately the same time daily to ensure that no fish is kept in the trap longer than necessary.

iii) The following reports to NMFS will also be included in the SOP: weekly notification of trapping activities to NMFS during the adult steelhead migration; notifying NMFS within 24 hours of any steelhead mortalities or injuries within the trap or during transport activities; and providing a written summary on trap and transport operations to NMFS by August 15 of the year following any improvements to the trap and transport program.

**c. Steelhead Passage Downstream**

A feasibility study was completed in 2009, and the Alternative B—Floating Weir Surface Collector--was selected as the preferred alternative for improving steelhead migration, allowing juvenile and adult steelhead to migrate downstream past LPD. CAW implemented the Floating Weir Surface Collector and associated behavioral guidance system in 2016 to provide smolts, kelts, and juveniles suitable downstream passage while avoiding any potential harm associated with passage over the spillway.

i) CAW will continue to operate the Floating Weir Surface Collector.

**d. Stored Sediment**

Since the dam was constructed, sediment has been filling in the reservoir, with approximately 40 percent of the reservoir filled as of the execution of this Memorandum of Agreement.

i) CAW agrees to complete a feasibility study for methods to remove sediment behind the LPD and to improve fish passage and to maintain a migration channel in the sediment delta for up and downstream fish passage until LPD is removed. CAW and MPWMD are currently facilitating the LPD and Reservoir Alternatives and Sediment Management Study, which includes an evaluation of alternatives to address sediment behind LPD. MPWMD anticipates completion of the study in the second quarter of 2018, but completion could be delayed if permits are required from the Army Corps of Engineers and/or CDFW. As stated above in IV.A.1.b.ii., CAW and NMFS agree to meet by March 31, 2018 to discuss the status of the MPWMD Sediment Management Study, to determine whether additional studies on interim sediment removal by CAW are necessary, and, if additional studies are needed, to determine a reasonable deadline for completion of those additional studies.

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ii) The Parties agree to meet within three months after completion of the sediment removal studies to consider implementation, on an interim basis, of measures to maintain a migration channel in the sediment delta. Any proposed design improvements must be approved by NMFS prior to installation and must be implemented, following receipt of any necessary discretionary approvals by applicable permitting agencies and consistent with the requirements of such approvals, within three months following the Parties' meeting. The Parties agree to provide reasonable extensions of this deadline to accommodate the acquisition of any permits or other authorizations that may be necessary depending on the improvements selected.

**e. Downstream Gravel Replenishment**

Following receipt of any necessary discretionary approvals by applicable permitting agencies, and consistent with the requirements of any such approvals, CAW agrees to provide for gravel replenishment below the LPD, from sources such as the sediment delta behind LPD or other approved areas on a regular basis. This replenishment shall maintain spawning gravels downstream of LPD pending removal of LPD. Replenishment amounts, methods and scheduling are to be approved by NMFS prior to implementation. The Parties agree to meet within three months following execution of this Memorandum of Agreement to discuss a proposed replenishment plan and scheduling. Representatives from MPWMD and CDFW may also participate in the meeting and provide input. Following receipt of all necessary discretionary approvals by applicable permitting agencies and consistent with the requirements of such approvals, the Parties anticipate that gravel replenishment will begin in the fall of 2018. The Parties agree to meet on a regular basis to discuss status of this project and acquisition of any permits or other authorizations that may be necessary depending on the gravel replenishment methods selected.

**3. Required Actions if the LPD is not Removed**

If CAW determines not to remove LPD or if removal of the LPD is determined to be infeasible as a result of the MPWMD Studies, the following measures must be addressed to ensure permanent unimpeded passage for steelhead up and downstream of LPD. The Parties agree that these measures will continue as long as the dam remains in place. The Parties acknowledge that certain actions may require CAW to obtain permits or other authorizations from other agencies, and that such permit application processes may create delays beyond CAW's control, affecting CAW's ability to meet the below-listed schedules. CAW will keep the Parties informed of any such delays in obtaining required permits, and the Parties agree to adjust schedules as may be necessary.

**a. Passage upstream**

The Parties agree that as long as the LPD remains in place, permanent unimpeded upstream passage for adult and juvenile steelhead is necessary.



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i) The Parties agree to meet within three months of a determination that the LPD will remain in place to determine feasible permanent unimpeded upstream fish passage improvements to be implemented, if any. Improvements must be implemented, following receipt of any necessary discretionary approvals by applicable permitting agencies and consistent with the requirements of such approvals, within six months following such meeting, unless the Parties agree on a different date. Representatives of MPWMD and CDFW may also participate in this meeting. Any proposed improvements must be approved by NMFS prior to implementation.

**b. Passage downstream**

The Parties agree that as long as the LPD remains in place, permanent unimpeded downstream passage for kelts, smolts, and juveniles is necessary.

i) If NMFS determines that continued operation of the Floating Weir Surface Collector pursuant to IV.A.2c provides for unimpeded downstream passage for kelts, smolts, and juveniles, CAW will continue such operation.

ii) If NMFS determines that the interim measures for downstream fish passage implemented pursuant to IV.A.2.c do not provide permanent unimpeded downstream passage for kelts, smolts, and juveniles, the Parties agree to meet within three months of a determination to leave LPD in place to determine feasible permanent unimpeded downstream fish passage improvements to be implemented, if any. Improvements must be implemented, following receipt of any necessary discretionary approvals by applicable permitting agencies and consistent with the requirements of such approvals, within six months following such meeting, unless the Parties agree on a different date. Representatives from MPWMD and CDFW may also participate in the meeting. Any proposed improvements must be approved by NMFS prior to implementation.

**c. Stored Sediment**

The Parties agree that unimpeded fish passage through the reservoir must be maintained throughout the life of the LPD.

i) The Parties agree to meet within three months of a determination to leave LPD in place to determine feasible measures to improve passage through the reservoir in addition to those identified in IV.A.3.b and c, if any. Improvements must be implemented, following receipt of any necessary discretionary approvals by applicable permitting agencies and consistent with the requirements of such approvals, by within six months following such meeting unless the Parties agree to a different date. Representatives of

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MPWMD and CDFW may participate in the meeting. Any proposed improvements must be approved by NMFS prior to implementation.

d. Downstream Gravel Replenishment

The Parties agree that as long as LPD remains in place, gravel replenishment downstream will be necessary for the life of the dam.

i) CAW agrees to continue to provide for gravel replenishment below the LPD, from sources such as the sediment delta behind LPD or other approved areas, on a regular basis. This replenishment shall maintain spawning gravels downstream of LPD. Replenishment amounts, methods and scheduling are to be approved by NMFS prior to implementation.

***B. CAW's Obligations with Respect to General Maintenance and Drainage of CAW Managed Roads***

NMFS believes that many of the roads managed by CAW are dirt roads with inadequate drainage systems. Some of these roads may be able to be decommissioned now that San Clemente Dam has been removed, while other roads needed for access to CAW property may need to be upgraded and sloped correctly, with proper drainage to avoid sediment runoff into the streams and river. The Parties agree that maintenance and repair activities to prevent sediment runoff into streams and the river from roads and drainages would alleviate the need for any additional mitigation/take coverage for impacts to steelhead from CAW's roads.

1. Required Actions:

a. CAW agrees to complete an assessment of the roads managed by CAW to determine whether any roads managed by CAW are having an adverse impact on SCCC steelhead and their habitat and, if so, which roads need improvement, and which roads may be decommissioned within six months following execution of this Memorandum of Agreement.

b. If any roads managed by CAW are found to have an adverse impact on SCCC steelhead and their habitat, CAW agrees that, following receipt of any necessary discretionary approvals by applicable permitting agencies and consistent with the requirements of such approvals, within six months of completing the assessment described in Section IV.B.1.a, above, it will repair and maintain such dirt roads and drainages necessary for access to CAW operations in such a manner as to prevent sediment runoff into streams. CAW further agrees that maintenance of these roads will be conducted on a regular schedule for the life of the road. The Parties agree that repair and maintenance must provide protection to steelhead equivalent to or better than guidelines set forth in the *Handbook for Forest and Ranch Roads* (Weaver, W.E. and D.K. Hagans, 1994).

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- c. Within one year of the completion of the Carmel River Reroute and San Clemente Dam Removal (“CRRDR”) Project, CAW agrees to decommission any of its roads that are no longer necessary for access to any CAW facilities or for long-term monitoring of the CRRDR Project.

***C. CAW’s Obligations with Respect to Planning for Long Term Legal Authorization for the Possible Future Take of Steelhead***

The Parties agree to assess whether incidental take coverage for impacts to steelhead from any remaining CAW operations may be needed. NMFS expects that if LPD remains in place that CAW will apply for and receive an Incidental Take Permit (ITP) for ongoing take of listed steelhead. NMFS also expects that if CAW has applied for an ITP but no permit has been granted, this Agreement will be extended for the purpose of maintaining necessary measures while the permit application is pending.

**1. Required Actions:**

- a. If LPD remains in place and unless incidental take is otherwise authorized, CAW agrees that, within two years from a decision to leave the LPD in place, CAW will submit an application for an ITP for any remaining take occurring from CAW’s operations on the Carmel River following termination of this Memorandum of Agreement. CAW further agrees that this application will include a Habitat Conservation Plan.
- b. If LPD remains in place and CAW has timely applied but has not yet obtained an ITP, the Parties further agree to meet at least one (1) year prior to the expiration of this Memorandum of Agreement to reach a new agreement on necessary measures for permanent unimpeded upstream and downstream fish passage, sediment management, and downstream gravel replenishment.

**V. Annual Report Evaluating Status of Steelhead under the Amended CDO**

Pursuant to the Amended CDO, CAW will provide annual funding in the amount of up to \$175,000 for preparation of an annual report evaluating the status of the threatened SCCC steelhead. If possible, NMFS Southwest Fisheries Science Center (SWFSC) will enter into a separate agreement to undertake these annual studies, pursuant to its authority under the Fish and Wildlife Coordination Act, 16 U.S.C. §§ 661-666c, and the Special Studies Authority, 15 U.S.C. § 1525. In the event that SWFSC is not able to prepare the report, CAW will designate another entity with the requisite expertise that NMFS finds acceptable. The annual funding of up to \$175,000 required by CAW under the Amended CDO and under any agreement with SWFSC for preparation of an annual report is in addition to CAW’s commitment to pay \$5.5 million under Section II of this Memorandum of Agreement.

**VI. ASR Agreement**

CAW and NMFS will continue to cooperate pursuant to the ASR Agreement to allocate water to and from the Aquifer Storage and Recovery Project to offset withdrawal from the

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Carmel River that would otherwise occur during the low-flow season, subject to any limitations imposed by the SWRCB.

**VII. Take of SCCC Steelhead**

NMFS has consulted under section 7 of the ESA to insure that NMFS' entrance into this Memorandum of Agreement is not likely to jeopardize listed species or destroy or adversely modify designated critical habitat. Based on this consultation, NMFS has concluded that it may enter into this Memorandum of Agreement and NMFS' signature indicates that NMFS has reached this conclusion. If for whatever reason the biological opinion is vacated, amended or withdrawn, NMFS will meet with CAW to discuss whether or how the agreement should be modified to insure that NMFS is in compliance with ESA section 7. The Parties' obligations under the Memorandum of Agreement will remain unchanged until the Parties agree on changes to the Memorandum of Agreement. NMFS will in making decisions about bringing or referring enforcement actions and appropriate penalties under Section 9 of the ESA consider CAW's compliance with its obligations under this Memorandum of Agreement an important mitigating factor for any enforcement decision related to any unintentional take of ESA-listed fish.

**VIII. NMFS' Cooperation with CAW and Other Agencies:**

- A. NMFS and CAW recognize that the CPUC is CAW's primary regulatory agency. CAW is obligated to serve its customers in a cost-effective manner. CAW must obtain CPUC permission to fund activities such as environmental mitigation, and the rates charged to CAW's customers must be approved by the CPUC. NMFS acknowledges that in CAW's role as a CPUC regulated water provider, that it has an obligation to serve its customers.
- B. CAW is facing a plethora of permitting and regulatory issues related to CAW's quest to implement a replacement long-term water supply, to comply with the ESA and regulatory requirements of other federal and state agencies.
- C. Cooperation, as used herein, means providing comments on a project or course of action by writing letters, appearing at public meetings and hearings to speak or give testimony, and meeting with other government agencies, consistent with NMFS' authorization, mission, policies, and its ESA responsibilities, and taking into account the limitations imposed by staff time and resources.
- D. Cooperation shall not be read to create an obligation for NMFS, or any other line office or division of NOAA (e.g., Monterey Bay National Marine Sanctuary [MBNMS]), or any agency of the United States, to endorse, promote, take a position or advocate on behalf of CAW's application for a permit, authorization, or other approval of a particular long-term water supply proposal or the MPWSP.
- E. Nothing in this Memorandum of Agreement may be read to indicate any commitment on the part of NMFS, NOAA, FWS, EPA, or any agency of the United States to grant any permit, authorization, or other approval needed for any particular long-term water supply proposal or for the MPWSP. In particular, nothing in this Memorandum of Agreement may be read to indicate any commitment on the part of NMFS in regards

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to its consultation under ESA section 7 and Essential Fish Habitat under the Magnuson-Stevens Act on any federal permit, authorization or approval of a particular long-term water supply proposal or the MPWSP.

**F. California Public Utilities Commission**

1. NMFS will cooperate in CPUC proceedings related to certification of the Environmental Impact Report/Environmental Impact Statement (“EIR/EIS”) under the California Environmental Quality Act for the MPWSP, and approval of the Certificate of Public Convenience and Necessity for the MPWSP, by explaining the importance of the recovery of the SCCC steelhead and the habitat of the Carmel River, and the environmental benefits of a replacement long-term water supply compared to the environmental detriment of continuing the current water supply for the Monterey Peninsula.

2. NMFS will cooperate in any CPUC general rate proceedings concerning the recovery in rates of costs of a replacement long-term water supply project and funds paid for mitigation by explaining to the CPUC: (1) the benefits to steelhead of any mitigation funds paid pursuant to any agreement with NMFS; (2) the penalties applicable to violations of the ESA; and (3) that compliance with the ESA is mandatory.

**G. State Water Resources Control Board (“SWRCB”)**

If NMFS concludes after CAW completes the study identified in IV.A.2 that installation of a fish screen on the intake pipe upstream of LPD is not warranted, NMFS will cooperate by providing information to the SWRCB as to the findings of the study and the reasons for its conclusions.

**H. Other Agencies with Permitting/Regulatory Authority over the MPWSP.**

**1. Monterey Bay National Marine Sanctuary (“MBNMS”)**

CAW has applied for authorization and a special use permit from NOAA’s MBNMS under the National Marine Sanctuaries Act, 16 USC 1431 *et seq.*, for MPWSP’s installation and operation of intake pipes in the Sanctuary, and discharge of waste brine into the sanctuary. NMFS will also provide information to personnel who manage MBNMS regarding the potential benefits for listed threatened steelhead and their habitat of a replacement long-term water-supply project. Nothing in this Memorandum of Agreement may be read to indicate any commitment on the part of NOAA (MBNMS, NMFS, or any line office of NOAA) to grant a NMS permit or authorization for a particular long-term water supply proposal or the MPWSP.

**2. California Coastal Commission (“CCC”)**

A Coastal Development Permit from CCC is required for the MPWSP. NMFS will cooperate with CAW by explaining to CCC the critical need for threatened

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SCCC steelhead and their habitat for the replacement of a long-term water supply for Carmel River.

**3. State Water Resources Control Board (“SWRCB”)**

The second component of the MPWSP is ASR in the Seaside Basin, which may require additional water rights approvals from SWRCB. NMFS has supported the concept of ASR for years. NMFS will cooperate with CAW regarding the benefits of diversions to ASR during times of excess flow on the Carmel River. NMFS will meet and confer with CAW to discuss any of its concerns with CAW'S ASR permit applications before commenting publicly, unless doing so would be inconsistent with statutory or regulatory authority.

**4. U.S. Fish and Wildlife Service (“USFWS”)**

NMFS will cooperate with CAW by providing information to USFWS related to the benefits to threatened SCCC steelhead of a replacement long-term water supply project. Nothing in this Memorandum of Agreement may be read to indicate any commitment on the part of FWS in regards to its consultation under ESA Section 7 on any federal permit, authorization or approval for a particular long-term water supply proposal or the MPWSP.

**5. California Department of Fish and Wildlife**

NMFS will cooperate with CAW regarding CDFW issues related to permits for a replacement long-term water supply project.

**I. Agencies With Permitting/Regulatory Authority for Activities Under This MOA**

NMFS commitments with respect to the MPWSP are addressed above. With respect to other approvals or permits for activities under this MOA, NMFS will cooperate with CAW regarding any approvals or permits that may be necessary prior to carrying out any activities contemplated under this Agreement; provided, however, that such cooperation shall not limit any discretion to be exercised by NMFS, NOAA, FWS, EPA, or any agency of the United States to grant any such approval or permit.

**IX. Term of Memorandum of Agreement:**

- A. This Memorandum of Agreement shall expire 364 calendar days following the fifth (5<sup>th</sup>) anniversary of the Effective Date of the Memorandum of Agreement. However, the Parties recognize that certain terms and milestones of this Memorandum of Agreement will extend beyond that expiration date. Accordingly, the Parties agree to exercise the meet and confer obligation set forth in Section IX(D) below not later than six (6) months prior to the expiration date in order to negotiate in good faith, and using their best efforts, an amendment to this Memorandum of Agreement. The Parties understand that this amendment may include the extension of any or all of the terms of this Memorandum of Agreement as are relevant at the time, adopting new

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terms, or that circumstances may require that the Memorandum of Agreement not be renewed.

- B. Notwithstanding the expiration of this Memorandum of Agreement pursuant to Section IX(A), the Conservancy shall continue to comply with all requirements of the Memorandum of Agreement until such time as all funds paid to the Conservancy by CAW have been expended and the Conservancy has provided a final accounting report to NMFS and CAW, pursuant to Section II(C).
- C. The term of this Memorandum of Agreement may be extended by mutual written consent of the Parties, or as specified in Section IX(A) above.
- D. The Parties recognize that certain terms and milestones of this Memorandum of Agreement will extend beyond the expiration date. By the start of year three of this Memorandum of Agreement NMFS and CAW shall meet and confer regarding: (i) the progress of actions funded by this Memorandum of Agreement to improve habitat conditions for or otherwise aid in the recovery of SCCC steelhead; and (ii) authorizing any take of SCCC steelhead caused by CAW's operations that may remain at the expiration of this Memorandum of Agreement. Either party may call for such meeting no earlier than two years prior to the expiration of this Memorandum of Agreement and no later than six months prior to the expiration of this Memorandum of Agreement. This meet and confer obligation is in addition to the discretion of the parties to extend this Memorandum of Agreement pursuant to Section IX(A) and (C).

**X. Effective Date:**

The Effective Date of this Memorandum of Agreement means the date on which all Parties have signed the Memorandum of Agreement.

**XI. Miscellaneous Provisions:**

- A. By entering into this Agreement, the Parties do not limit their discretion or the discretion of any other governmental agency with permitting or approval jurisdiction over any transaction related to or arising from this Agreement, nor do they make any irreversible and irretrievable commitment of resources. In addition, and notwithstanding anything to the contrary stated herein, any obligation of a Party or any timeline or deadline stated herein shall not limit the discretion of any public agency to consider, approve, reject and/or condition any permit or other approval required for any activity covered in this Agreement, and shall not limit or predetermine any environmental review for such activity. This subsection is not to be construed as altering the commitments set forth in Section VIII.H.
- B. The Parties must comply with all obligations under this Agreement, except any obligation that would violate or otherwise be inconsistent with applicable law. If any obligation would violate or otherwise be inconsistent with applicable law, the Parties must comply with all remaining obligations.

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- C. Any Party may issue a press release regarding the contents of this Memorandum of Agreement.
- D. The provisions of this Memorandum of Agreement shall apply to and be binding upon the Parties and their respective successors and assigns.
- E. The Parties recognize the authority and expertise of the State Water Resources Control Board to regulate, inter alia, CAW's water diversion activity on the Carmel River. Accordingly, CAW's compliance with the conditions and milestones of State Water Resources Control Board Order No. WR 2016-0016 and any future amendments of same occurring within the pendency of this Memorandum of Agreement, are required under this Memorandum of Agreement.
- F. For purposes of this Memorandum of Agreement, a determination that CAW has failed to comply with any condition or milestone of WR2016-0016, and any future amendments of same which occur during the pendency of this Memorandum of Agreement, shall be based on a finding of the State Water Resources Control Board.
- G. Agreement Sections I, II and III of the Conservation Agreement, except any obligations to increase well capacity in the lower Carmel Valley as previously required by Phase II Tier I, Agreement Sections I and II of the 2009 Settlement Agreement as amended, and the ASR Agreement are expressly incorporated herein by reference. Any modification of this Memorandum of Agreement shall be in writing and signed by the Parties.
- H. All notices and communications required under this Memorandum of Agreement shall be made to the Parties through each of the following persons and addresses:

<b><u>Party</u></b>	<b><u>Contact Name/Title</u></b>	<b><u>Mailing Address</u></b>	<b><u>Phone/Fax</u></b>
CAW	Richard C. Svindland President California-American Water Company	655 West Broadway Suite 1410 San Diego, CA 92101	Phone: 619-446-4761 Fax: 619-230-1096
NMFS	Alecia Van Atta Assistant Regional Administrator for California Coastal Office, West Coast Region	777 Sonoma Ave., Rm. 325 Santa Rosa, CA 95404	Phone: 707-575-6058 Fax: 707-578-3435
Conservancy	Sam Schuchat Executive Director California State Coastal Conservancy	1550 Clay Street, Suite 1000 Oakland, CA 94612-2530	Phone: 510-286-1015 Fax: 510-286-0470



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- I. This Memorandum of Agreement may be executed in one or more counterparts, each of which shall be deemed an original, and such counterparts shall constitute one and the same agreement.
- J. Each undersigned representative of a party to this Memorandum of Agreement certifies that he or she is fully authorized by that party to enter into and execute the terms of this Memorandum of Agreement and legally bind such party to this Memorandum of Agreement.

**IN WITNESS WHEREOF**, the parties have executed this Memorandum of Agreement as of the dates written below.

ACCEPTED ON BEHALF OF CALIFORNIA-AMERICAN WATER COMPANY BY:




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Richard C. Svindland  
President  
California-American Water Company

DATED: Jan 10, 2018

ACCEPTED ON BEHALF OF THE NATIONAL MARINE FISHERIES SERVICE BY:

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Barry A. Thom  
Regional Administrator, West Coast Region  
National Marine Fisheries Service, NOAA

DATED: \_\_\_\_\_

ACCEPTED ON BEHALF OF THE CALIFORNIA STATE COASTAL CONSERVANCY BY:

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Sam Schuchat  
Executive Officer  
California State Coastal Conservancy

DATED: \_\_\_\_\_

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ACCEPTED ON BEHALF OF CALIFORNIA-AMERICAN WATER COMPANY BY:

\_\_\_\_\_

Richard C. Svindland  
President  
California-American Water Company

DATED: \_\_\_\_\_

ACCEPTED ON BEHALF OF THE NATIONAL MARINE FISHERIES SERVICE BY:

  
\_\_\_\_\_

Barry A. Thom  
Regional Administrator, West Coast Region  
National Marine Fisheries Service, NOAA

DATED: Dec. 21, 2017

ACCEPTED ON BEHALF OF THE CALIFORNIA STATE COASTAL CONSERVANCY BY:

\_\_\_\_\_

Sam Schuchat  
Executive Officer  
California State Coastal Conservancy

DATED: \_\_\_\_\_

**MOA between CAW, NMFS, and the Conservancy 2017**

- I. This Memorandum of Agreement may be executed in one or more counterparts, each of which shall be deemed an original, and such counterparts shall constitute one and the same agreement.
- J. Each undersigned representative of a party to this Memorandum of Agreement certifies that he or she is fully authorized by that party to enter into and execute the terms of this Memorandum of Agreement and legally bind such party to this Memorandum of Agreement.

**IN WITNESS WHEREOF**, the parties have executed this Memorandum of Agreement as of the dates written below.

**ACCEPTED ON BEHALF OF CALIFORNIA-AMERICAN WATER COMPANY BY:**

\_\_\_\_\_  
 Richard C. Svindland  
 President  
 California-American Water Company

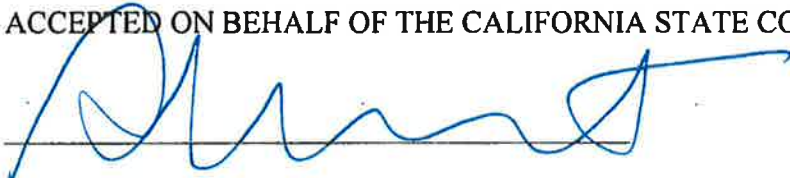
DATED: \_\_\_\_\_

**ACCEPTED ON BEHALF OF THE NATIONAL MARINE FISHERIES SERVICE BY:**

\_\_\_\_\_  
 Barry A. Thom  
 Regional Administrator, West Coast Region  
 National Marine Fisheries Service, NOAA

DATED: \_\_\_\_\_

**ACCEPTED ON BEHALF OF THE CALIFORNIA STATE COASTAL CONSERVANCY BY:**

  
 \_\_\_\_\_  
 Sam Schuchat  
 Executive Officer  
 California State Coastal Conservancy

DATED: 12/20/17

**MOA between CAW, NMFS, and the Conservancy 2017**

**TABLE 1:**

<b>Due Date</b>	<b>Payment Amount</b>
July 1, 2017, or 30 days after the Effective Date, whichever date is later	\$1.1 million
July 1, 2018	\$1.1 million
July 1, 2019	\$1.1 million
July 1, 2020	\$1.1 million
July 1, 2021	\$1.1 million
<b>Total: \$5.5 million</b>	

## **Exhibit B - Scope of Work**

**Task 1. Project Description** MPWMD estimates that up to a maximum of about 1,500 tons of gravel can be placed downstream of the Los Padres Dam spillway plunge pool in a single year, but that additional amounts could be stockpiled for placement at a later date. MPWMD estimates that up to 2,000 tons of gravel could be placed over a period of three years. Cal-Am and the MPWMD shall jointly develop a refined scope of work for the Project including volumes of gravel to be replenished, a map showing stockpile area(s) and placement location(s), and specifications for gravel size and method of placement.

**Task 2. NMFS Approval** Cal-Am and MWPMD shall seek approval from the National Marine Fisheries Service concerning replenishment amounts, methods and scheduling prior to beginning work on CEQA compliance and making application for permits.

**Task 3. CEQA Compliance** MPWMD shall be Lead Agency on the Project for compliance with requirements of the California Environmental Quality Act. This Agreement anticipates making a determination that the Project work qualifies as an exempt activity under CEQA Section 15304 (d) – Minor Alterations to Land. MPWMD may retain a qualified consultant to assist with permit applications and acquisition. Cal-Am shall be named as Owner and MPWMD shall act as Agent for the Owner in acquiring permits for the Project.

**Task 4. Permit Acquisition** Prepare and submit permit applications to the Corps of Engineers, California Department of Fish and Wildlife, Regional Water Quality Control Board, and Monterey County.

**Task 5. Contractor Selection** Cal-Am shall select the contractor to provide and place replenish gravel. Cal-Am shall enter into a contract with the contractor for such work.

**Task 6. MPWMD Project Administration** MPWMD shall provide onsite project management during the stockpiling and placement of material.

## **Exhibit C - Budget**

Estimated Costs

	<b>Activity</b>	Amount (\$)
Task		
1	Project description	0
2	Obtain NMFS approval	0
3	CEQA determination	0
4	Permit acquisition (Consultant and application fees)	\$45,000
6	MPWMD Project Administration	0
Optional	Cal-Am Project Administration	\$15,000
	<b>Total</b>	<b>\$60,000</b>

Notes

1. Permit acquisition costs are preliminary.



## **Exhibit D – Schedule**

<b>Description</b>	<b>Deadline</b>
<b>Task 1 and 2</b> Complete detailed scope of work for review (Cal-Am and MPWMD)	within 60 days of agreement execution
<b>Task 3</b> CEQA compliance (MPWMD)	within 60 days of NMFS approval of project scope
<b>Task 4</b> Prepare and submit permit applications to the Corps, CDFW, RWQCB, and Monterey County (MPWMD)	within 60 days of CEQA determination
<b>Task 5</b> Contractor selection (Cal-Am)	within 60 days of receipt of all permits
<b>Task 6</b> Onsite project management (MPWMD)	to be provided each construction season (i.e., between July 1 and October 31)



**Denise Duffy & Associates, Inc.**

PLANNING AND ENVIRONMENTAL CONSULTING

April 2, 2018

Larry Hampson  
District Engineer  
Monterey Peninsula Water Management District  
5 Harris Ct., Bldg. G  
Monterey, CA 93942

**Subject: Permit Assistance for the Los Padres Dam Gravel Augmentation Project**

Dear Mr. Hampson:

Denise Duffy & Associates, Inc. (DD&A) appreciates the opportunity to provide permitting assistance services for the Los Padres Dam Gravel Augmentation Project to the Monterey Peninsula Water Management District (MPWMD). As we understand, the project proposes from 1,500 to 2,000 tons of gravel be placed downstream of the Los Padres Dam spillway plunge pool (1,500 in a single year, up to 2,000 tons of gravel over a period of three years). DD&A will be retained to assist MPWMD in obtaining the necessary permits from U.S. Army Corps of Engineers' (USACOE) Section 404 permit, Central Coast Regional Water Quality Control Board (CC-RWQCB) Section 401 National Pollutant Discharge Elimination System (NPDES) permit, and County of Monterey Grading Permit.

If you have any questions, please do not hesitate to contact me at (831) 373-4341 ext. 13. We look forward to working with the District on this project.

Sincerely,

A handwritten signature in cursive script that reads "Denise Duffy". The signature is written in dark ink and is positioned above the typed name and title.

Denise Duffy  
Principal  
DENISE DUFFY & ASSOCIATES, INC.

## TASKS and OVERVIEW OF SCOPE

### **Task 1. Project Initiation**

This task includes coordination with the MPWMD to further define the scope and project path, identify data needs, confirm deliverables, and establish schedules and protocols for communication. DD&A will coordinate with the District to obtain all relevant project information, including the project description, site plans, aerial photographs, and other pertinent documentation. DD&A will review the project information to evaluate existing environmental conditions, data sets and plans as required for permit acquisition. This task also includes confirmation of required level of environmental review.

### **Task 2. Communication and Coordination with Regulatory Agencies**

DD&A will prepare a detailed list of application requirements early in the process so that the District has a clear definition of items needed for the permit processing. DD&A's approach to the permitting requirements is based on direct and recent experience, familiarity with regulatory agency staff and protocol, and successful completion of permit acquisition.

### **Task 3. Preparation of Permit Application Packages**

DD&A will prepare and submit permit applications to the Corps of Engineers, California Department of Fish and Wildlife, Regional Water Quality Control Board, and Monterey County.

#### *USACOE Section 404 Permit*

DD&A will assemble the application package which will include the required form and project information. USACOE will review the application for completeness, and if the application is incomplete, request additional information within 30 days. The USACOE will decide on all applications not later than 60 days after receipt of a complete application. USCOE will initiate Section 7 consultation with USFWS and NOAA Fisheries based on the effects determination included in the Biological Assessment.

#### *CC-RWQCB Section 401 NPDES Permit*

Projects involving discharges of dredged or fill material into waters of the United States, including wetlands and other water bodies, that require a Section 404 permit also require a Section 401 permit. DD&A will prepare and submit a Section 401 permit application for RWQCB approval.

#### *CDFW LSAA Permit*

DD&A will prepare and submit the Streambed Alteration Agreement application materials to CDFW for the project. The draft agreement will include measures to protect fish and wildlife resources while conducting the project. If it is determined that the notification package is incomplete, CDFW will specify the information needed to make it complete. Once the notification package is complete, CDFW will process the notification. After CDFW receives a complete notification package, it has 60 days to submit a draft agreement. This task includes one round of comments/revisions from the District.

#### *County of Monterey Grading Permit*

DD&A will compile needed permit application materials for the required grading permit under Monterey County Resources Management Agency.

### **Task 4. Assistance with Processing Permits/Additional Permits**

DD&A will coordinate with permitting agencies to address comments, data gaps, and concerns that arise during permit processing. Should additional permitting assistance be required, DD&A will complete assigned tasks for processing as requested.

**BUDGET and SCHEDULE**

The tasks required to complete the documentation for the necessary permits will be billed on a Time and Materials (T&M) basis. Attached is DD&A 2018 Fee Schedule.

DD&A is available to initiate the work immediately upon receiving signed authorization from the District.



## Denise Duffy & Associates, Inc.

PLANNING AND ENVIRONMENTAL CONSULTING

### 2018 SCHEDULE OF RATES

#### HOURLY PERSONNEL RATES

Principal	\$220.00
Senior Project Manager/Engineering Specialist	\$184.00
Senior Project Manager	\$158.00
Senior Botanist	\$147.00
Senior Planner/Scientist II	\$147.00
Project Manager	\$138.00
Senior Planner/Scientist	\$128.00
Assistant Project Manager	\$116.00
Environmental Biologist	\$110.00
Associate Planner/Scientist	\$105.00
Assistant Planner/Scientist	\$ 94.00
GIS/Computer Specialist	\$100.00
Administrative Manager	\$ 82.00
Database/Designer/Graphics	\$ 77.00
Field Technician	\$ 66.00
Administrative Assistant	\$ 61.00

Direct reimbursable expenses are charged at DD&A cost, plus 15%.  
These expenses may include, but are not limited to: subconsultants, reproduction,  
courier, postage, long-distance phone, fax and cellular, mileage and field supplies.

Mileage will be charged at the current IRS mileage rate.

Above rates are effective through 12/31/18 and may be adjusted thereafter.

## ADMINISTRATIVE COMMITTEE

### 5. CONSIDER AUTHORIZING AN AMENDMENT TO THE AGREEMENT FOR SERVICES FOR THE LOS PADRES DAM AND RESERVOIR ALTERNATIVES STUDY

<b>Meeting Date:</b>	<b>April 9, 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>Water Supply Projects 1-1-2</b>
<b>Prepared By:</b>	<b>Larry Hampson</b>	<b>Cost Estimate:</b>	<b>\$141,000 (potential 50% reimbursement)</b>

**General Counsel Approval:** N/A

**Committee Recommendation:** The Administrative Committee reviewed this item on April 9, 2018 and recommended \_\_\_\_\_.

**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 and Cal-Am are working cooperatively to develop a comprehensive long-term management plan for Los Padres Dam and Reservoir. The District has entered into an agreement with AECOM, Inc. for \$560,000 to carry out an alternatives study for Los Padres Dam. As described in **Exhibit 5-A**, AECOM is requesting an increase of just over \$140,000 in the contract amount to account for services that are outside of the scope of the original agreement and to account for unexpected delays in project work. District staff have requested that California American Water consider reimbursing the District for up to 50% of the cost of these added tasks.

**RECOMMENDATION:** Authorize the General Manager to amend an existing agreement with AECOM, Inc. for the Los Padres Dam alternatives study to increase the Not-to-Exceed amount by \$141,000.

**DISCUSSION:** The budget request deals with expenditures that are outside of AECOM's original scope of work and that are mostly unanticipated costs. The costliest item relates to analysis of the 1947 reservoir topo that was found to be flawed and incorporation of new data that are important to the question of sediment transport and effects. There are also additional costs associated with the involvement of CDFW and NMFS in the analysis and work products completed by AECOM.

The 1947 topography by Cal-Am's predecessor (California Water and Telephone) was found to be in error by overstating the valley width by about 50 feet along a significant portion of the reservoir. This error resulted in overestimating the original capacity of the reservoir by about 10% or about 300 acre-feet (AF). This has some effect to the dam alternatives analysis, both on the long-term siltation rate at the reservoir and in determining how much storage capacity could be recovered at the reservoir through dredging.

Shortly after AECOM and MPWMD entered into an agreement for services, the extremely wet winter of 2017 resulted in another slug of sediment from the upper watershed entering the reservoir. California State University at Monterey Bay was asked by the District to conduct a

follow-up bathymetric survey to the one carried out in 2016. The 2017 survey confirmed a loss of about 4.5% of original storage capacity or about 130 AF. Results from the survey need to be incorporated into an updated summary of the siltation rate at the reservoir.

Evaluation of dam alternatives has become more complex as the Technical Review Committee set up to guide the effort evaluates fish passage alternatives and tries to understand how those alternatives might affect the decision about the long term fate of Los Padres Dam. Both the National Marine Fisheries Service and the California Department of Fish and Wildlife have consistently asked for additional information and time to review the various technical memos and recommendations from both AECOM, the consultant for the dam alternatives analysis, and HDR, the consultant for the fish passage alternatives analysis that have resulted in delays to both studies.

**IMPACT TO STAFF/RESOURCES:** Funds for this contract amendment would be included in the FY 2018-19 budget. Staff has asked Cal-Am to reimburse the District for up to 50% of this cost.

## **EXHIBIT**

### **5-A AECOM Budget Amendment Request**





AECOM  
300 Lakeside Drive  
Suite 400  
Oakland, CA 94612  
www.aecom.com

510-893-3600 tel  
510-874-3268 fax

March 27, 2018

Larry Hampson  
District Engineer  
Monterey Peninsula Water Management District  
5 Harris Court, Bldg. G  
Monterey CA 93940

**Subject: Budget Amendment Request for Los Padres Dam & Reservoir Alternatives & Sediment Management Study, AECOM Project No. 60536296**

Dear Mr. Hampson,

The AECOM Team is requesting additional budget for the Los Padres Dam and Reservoir Alternatives and Sediment Management Study. The attached scope describes the additional work already completed or requested by the TRC that is outside of the original scope of the project. This work includes resolving data discrepancy issues during characterization of accumulated reservoir sediments and incorporating new topography data into the reservoir sediment volume calculation (Subtask 2-1), TRC requests for additional work related to the development of the sediment transport model (Subtask 2-3), an additional TRC meeting (Task 4-1), and project management resulting from an extended project schedule (Task 6). We have also included an optional task that consists of an additional BESMo simulation and a 10 percent allowance for additional supplementary services. Table 1 summarizes the budget we are requesting for this additional scope.

Table 1. Summary of budget amendment request

Task	Description	Hours	Budget
<b>2</b>	<b>Sediment Management Options</b>	<b>362</b>	<b>\$81,981</b>
2-1	Obtain and Analyze Reservoir Sediment Samples	189	\$31,560
2-3	Evaluate Geomorphic Effects of Changes in Sediment Load	173	\$50,421
<b>4</b>	<b>Identify Feasible Alternatives</b>	<b>128</b>	<b>\$20,221</b>
4-1	TRC Meeting No. 2b	128	\$20,221
<b>6</b>	<b>Project Management</b>	<b>103</b>	<b>\$19,804</b>
6-1	Project Administration	51	\$8,890
6-2	Meetings and Conference Calls	52	\$10,914
	<b>Subtotal</b>	<b>593</b>	<b>\$122,006</b>
Task	Description	Hours	Budget
<b>C</b>	<b>Optional Tasks</b>		
C-1	Additional BESMo Simulation	29	\$5,920
C-2	10 Percent Allowance for Supplementary Services	N/A	\$12,201
	<b>Subtotal</b>	<b>29</b>	<b>\$18,121</b>
		Hours	Budget
	<b>Total with Optional Tasks</b>	<b>622</b>	<b>\$140,127</b>



To maintain project schedule and to facilitate tracking of project progress and budgets, we recommend that this amendment be reviewed and approved within the next month. If you have any questions, please contact Katie McLean at 510-874-3170.

Sincerely,

A handwritten signature in blue ink that reads "Katie McLean".

Katie McLean  
Interim Project Manager  
AECOM

A handwritten signature in blue ink that reads "Noel Wong".

Noel Wong  
Project Director, Vice President  
AECOM

## Los Padres Dam and Reservoir Alternatives and Sediment Management Study Budget Amendment Request (3/27/2018)

The following scope of work describes additional work or effort, beyond that included in the original scope of work approved by MPWMD February 2017, required to complete the Los Padres Dam and Reservoir Alternatives and Sediment Management Study. These scope additions are primarily related to data discrepancy issues discovered and resolved during characterization of accumulated reservoir sediments and incorporation of new topography data into the reservoir sediment volume calculation in the Sediment Characterization TM (Subtask 2-1), accommodation of the Technical Review Committee's desire to have greater involvement in development of the sediment transport model (Subtask 2-3), an additional TRC meeting (Task 4-1), and an extended project schedule (Task 6). We have included an optional task that consists of an additional BESMo simulation and a 10 percent allowance for additional unanticipated services. Some of this work has already been completed in order to allow the Sediment Characterization TM and the Geomorphic Effects TM to proceed, and some of it is upcoming. Additional details are provided below.

### **Subtask 2-1 Obtain and Analyze Reservoir Sediment Datasets**

The level of effort to complete this task was greater than anticipated due to discrepancies in existing data upon which the sediment characterization analysis relied. These data discrepancies are described in detail in the progress report dated October 13, 2017, and this work was completed in October 2017. The first data discrepancy was between bathymetric datasets that describe the lower, basin portion of Los Padres Reservoir. Bathymetry data collected by HDR in 2016 shows a surface significantly lower compared to the more recent 2017 survey by California State University, Monterey Bay (CSUMB). Although the reason for the discrepancy remains unknown, the AECOM Team spent substantial staff resources analyzing and attempting to resolve the issue because we had intended to use both datasets in our analysis.

The more significant level of effort resulted from a second data discrepancy discovered after AECOM had completed the planned analysis to quantify and characterize sediment accumulated in Los Padres Reservoir. The analysis was first completed as planned, with heavy reliance on the storage volume and stage-storage curve for Los Padres Reservoir that was developed by others based on the 1947 topographic survey of the original ground surface now under the reservoir. A quality control check that involved comparing cross sections of a surface created from the 1947 survey data to the 2017 surface revealed that the 1947 survey shows a valley width in the reservoir area narrower than what actually exists, in some cases by as much as 50 feet. Therefore, the original storage volume of Los Padres Reservoir, as well as the amount of sediment accumulated in the reservoir, is probably less than has previously been estimated by others. After substantial analysis of the available surfaces, internal discussion, and discussion with MPWMD, AECOM concluded that the analysis already completed did not accurately reflect current conditions in Los Padres Reservoir. Therefore, we completed a second and

more labor-intensive approach to estimating sediment accumulation in Los Padres Reservoir that involved creating multiple cross sections and end area calculations. In light of the discrepancy between the 1947 survey data and actual valley width conditions, this end area analysis provided results that are more accurate, and produced a new estimate of the original reservoir storage volume. The analysis and results were presented in the Sediment Characterization TM. (Completed December 2017)

In March 2018, MPWMD requested that the AECOM Team incorporate recent topography data collected by USGS and CSUMB into the Sediment Characterization TM. In the Sediment Characterization TM delivered in December 2017, the reservoir sediment volume below the normal maximum water surface (NMWS) elevation was estimated using bathymetric data collected by CSUMB in 2017, while the volume above the NMWS elevation was estimated based on LiDAR data collected by USGS in 2010. The topography at Los Padres Reservoir has changed significantly since the LiDAR data was collected in 2010, particularly in 2016, which was a wet water year. Therefore, adjusting the reservoir volume calculation using the more recent topography data will improve the reservoir sediment volume estimate, particularly in the region upstream of the NMWS elevation.

### **Subtask 2-3 Evaluate Additional Geomorphic Effects of Changes in Sediment Load**

1. New Spin-up run: At the request of the TRC, the AECOM Team built a “San Clemente Dam No Action” simulation to permit comparison of BESMo model results vs. those generated and reported by URS in 2011 as a part of the Carmel River Reroute and Dam Removal final EIR process. Of note, the work involved substantial and careful review of the Mussetter and URS modeling efforts in order to understand BESMo model performance vs. these other channel evolution modeling efforts. The primary emphasis of the careful reviews was to understand how earlier modeling efforts treated the mainstem Carmel bed erodibility and subsurface sediment size gradations, and the District authorized this effort. (Completed November 2017)
2. Recently compiled additional long profile evaluation and work up for analysis: At the request of MPWMD, the AECOM Team is pursuing two different profile analyses. First, MPWMD has forwarded profiles from 1980 and 2017, in an attempt to identify general river bed elevation adjustment trends over the period of the two profiles. MPWMD has requested that we consider these data in our analysis and interpretation of model performance, and incorporate the 2017 profile within our analysis and reporting of BESMo simulation results. Second, the TRC has requested that the AECOM Team evaluate BESMo performance vs. profile adjustments measured at the former San Clemente site following Water Year 2017. Local profiles collected by the USGS and CSUMB will be used for the latter request. This will require time to build input files, align stationing between data sets and develop reporting specific to the WY2017 simulation results. Last, the TRC and MPWMD requested that we use this new dataset in the process of validating and comparing BESMo performance versus that measured via the profiles. In order to prepare a meaningful comparison, we may need to modify the model build to include nodes that are roughly 50 meters apart through the former San Clemente site and for a

few hundred meters downstream of the former dam. The present model build has only two nodes through this roughly 1,000 meters of reach length.

*Deliverable(s):* For the second request, results will be summarized in a brief technical memorandum (TM) to be delivered to the TRC in April 2018, which includes details on simulation build and possible constraints related to simulation departure from measured conditions if there are significant differences.

3. Model build pre-approval (new requisite): At the request of the TRC, the AECOM Team will prepare summary TMs which document model build for each selected project alternative. The purpose of the summary TMs is to provide the TRC with the information needed to approve or request modification of model build with respect to each selected project alternative.

*Deliverable(s):* Brief TMs with sufficient detail of each model build for each selected dam alternative to facilitate TRC/MPWMD review, comment, and ultimate approval, scheduled for submittal between March and June 2018.

4. Reservoir volume available for evacuation: At the request of the TRC, the AECOM Team will analyze the reservoir deposit geometry in order to estimate a volume of sediment available for evacuation in the event that a channel establishes in the deposit. Under this scenario, the channel dimensions will be set by the channel slope and the side slope steepness, which is set by the geotechnical/engineering geologic properties of the deposit materials. This additional effort will be necessary to constrain the volume of sediment available under certain dam alternative scenarios. Existing model build assumes sediment volume evacuated from the reservoir represents 100% of the total sand and gravel volume deposited in the reservoir since dam construction. Given the sensitivity of downstream sedimentation potential to the evacuated sediment volume, a more refined available sediment estimate is warranted.

#### *Assumptions*

- Provided all information needed is available, one week will be needed to construct model builds for each of the simulations described under #3. Each of the three proposed simulations will go through a separate approval process summarized and documented by a model build summary memo which the AECOM Team will provide for TRC and MPWMD review and approval and/or comment. Up to one day of model build refinement is assumed with each approval process.

#### **Subtask 4-1 TRC Meeting No. 2b**

- In December 2017, the AECOM Team and MPWMD discussed whether to hold TRC Meeting No. 2 on January 18, 2018. The TRC's request to review the BESMo spin up run and trial runs and to provide input on the model scenarios had extended the timeline for Task 2-3, and therefore results of Tasks 2-3 and Task 3 would not be available by the time of the meeting. During a conference call on December 15, 2017, MPWMD and the AECOM Team decided to hold TRC Meeting No. 2 on January 18, 2018 to review the recently completed Final Sediment

Characterization TM and Draft Alternatives Descriptions TM, to review the BESMo spin up run and trial runs, and to solicit TRC input on the BESMo model scenarios. MPWMD and the AECOM Team agreed that an additional TRC meeting, TRC Meeting No. 2B, will be held after results of Tasks 2-3 and Task 3 are available and will cover the other topics originally scoped for TRC Meeting No. 2.

*Deliverable(s):* Workshop agenda provided prior to TRC Meeting No. 2B. Meeting report with notes from TRC Meeting No. 2B describing the alternatives considered and discarded, conclusions, and recommendations for further analysis, to be provided 2 weeks after completion of the meeting.

#### *Assumptions*

- Costs for TRC Meeting No. 2B are assumed to be the same as TRC Meeting No. 2.

#### **Subtask 6-1 Project Administration**

The March 7, 2018 draft schedule extended the project timeline to 128 weeks, an increase of 54 weeks from the original project schedule. The Consultant Project Manager will continue to perform standard project management tasks, including coordination among AECOM Team participants and subconsultants, the TRC, MPWMD, and third parties; scheduling; budget tracking; invoicing; health and safety; and quality management during these additional 54 weeks.

#### **Subtask 6-2 Meetings and Conference Calls**

The December 21, 2017 schedule update extended the project timeline to 128 weeks, an increase of 54 weeks from the original project schedule. The Consultant Project Manager will continue to facilitate meetings and conference calls (in addition to the TRC meetings) with MPWMD, Cal-Am, and other interested parties to coordinate various aspects of the Study.

#### **Optional Tasks**

1. Additional BESMo Simulation: We are assuming that the TRC will request simulation of a 4<sup>th</sup> project alternative. This task will only be executed with written request from MPWMD.
2. Supplementary Services: A 10 percent allowance has been included to account for unanticipated additional requests from MPWMD or the TRC. This task will only be executed with written request from MPWMD.

## ADMINISTRATIVE COMMITTEE

### 6. CONSIDER ENTERING INTO AN AGREEMENT WITH THE BIG SUR LAND TRUST TO FUND AN UPDATE OF THE INTEGRATED REGIONAL WATER MANAGEMENT PLAN FOR THE MONTEREY PENINSULA, CARMEL BAY AND SOUTHERN MONTEREY BAY

<b>Meeting Date:</b>	<b>April 9, 2018</b>	<b>Budgeted:</b>	<b>Yes</b>
<b>From:</b>	<b>Dave Stoldt, General Manager</b>	<b>Program/ Line Item No.:</b>	<b>Protect Environmental Quality Program 2-6-1-A</b>
<b>Prepared By:</b>	<b>Larry Hampson</b>	<b>Cost Estimate:</b>	<b>\$ 34,000</b>

**General Counsel Approval:** N/A

**Committee Recommendation:** The Administrative Committee reviewed this item on April 9, 2018 and recommended \_\_\_\_\_.

**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:** Last fall, MPWMD staff requested assistance with facilitating and implementing the Integrated Regional Water Management (IRWM) program within the Monterey Peninsula region. Sarah Hardgrave, the Big Sur Land Trust (BSLT) Conservation Program Manager, volunteered to review and identify the scope of activities that would be needed to position this region to be eligible for Proposition 1 grant funds for project implementation.

BSLT currently has the capacity to support this effort and is proposing that Sarah Hardgrave serve in an IRWM program management capacity this year. Based on comments from the California Department of Water Resources (DWR) 2014 review of the Monterey Peninsula IRWM Plan and DWR's 2016 updated requirements for the IRWM Plan standards, minor updates to the 2014 IRWMP need made this year in order to be eligible for the Prop 1 Project Implementation funding. In addition, based on discussion with members of the Regional Water Management Group (RWMG) and other stakeholders, the 2014 IRWM Project list needs to be updated to reflect current projects that may be pursued in a Prop 1 IRWM implementation grant. Based on the attached scope of work and budget (**Exhibit 6-A**), BSLT costs to provide these services is about \$34,000.

**RECOMMENDATION:** Staff recommends that the General Manager be authorized to enter into an agreement with the Big Sur Land Trust to carry out an IRWM Plan update and facilitate a project solicitation process for a Not-to-Exceed amount of \$34,000.

**DISCUSSION:** The MPWMD Board approved an updated IRWM Plan for the region on June 23, 2014. That plan conformed to Proposition 84 standards and was accepted by DWR. The passage of Proposition 1 in November 2014 mandated several changes to IRWM Plan Standards

as described in Attachment 3 to Exhibit A. The Monterey Peninsula region is eligible to receive up to \$4.33 million of the funds allocated to the Central Coast Funding area as shown in Attachment 2 to Exhibit A. However, to be eligible to receive grant funds from DWR, the region must update the IRWM Plan to current standards and must carry out a project solicitation to identify the best projects to fund.

Since 2005, MPWMD has facilitated the development and implementation of the IRWM program for the Monterey Peninsula region and should continue to provide assistance with this effort. However, BSLT is exceptionally qualified to lead an expansion of the RWMG and position the region for receiving implementation funds.

**IMPACT TO STAFF/RESOURCES:** Funds are included in Project Expenditures Line Item 2-6-1-A “Prop 1 Coordination” in the Fiscal Year 2017-18 budget adopted by the Board of Directors on June 19, 2017.

## **EXHIBIT**

**6-A** March 29, 2018 Letter (Saunders to Stoldt)





March 29, 2018

Dave Stoldt, General Manager  
Monterey Peninsula Water Management District  
5 Harris Court  
Monterey, CA 93940

Re: Monterey Peninsula, Carmel Bay and South Monterey Bay Integrated Regional Water Management

Dear Mr. Stoldt:

The Big Sur Land Trust has been an active member of the Memorandum of Understanding for the Regional Water Management Group (RWMG) for the Monterey Peninsula, Carmel Bay and South Monterey Bay Integrated Regional Water Management Plan (IRWMP) since its inception in 2007. BSLT has played a leadership role in initiating the development of a dozen conservation projects to include in the IRWMP process going back to 2005, with the intent of obtaining funding for Carmel River projects and most notably the Odello Floodplain Restoration Project (now referred to as the Carmel River FREE Project). As a member of the Water Management Group, BSLT has assisted in managing and updating the IRWMP, as well as supporting efforts to obtain funding for IRWM projects.

Monterey Peninsula Water Management District has historically served as the IRWM Program and Grant Manager. The IRWMP for the region was last updated by MPWMD in 2014, with funding from a \$995,000 IRWM planning grant that also funded a number of studies, such as the Seaside Basin Salt and Nutrient Management Plan, San Jose Creek Watershed Assessment, and Canyon Del Rey Master Drainage Plan Update. However, since 2014, the RWMG and related IRWM activities have been inactive due to lack of resources and additional funding opportunities.

With the passage of Proposition I, new Department of Water Resources (DWR) IRWM funding has become available. The six Central Coast IRWM funding regions have entered into a Memorandum of Agreement to share \$43M in Proposition I funding in a fair and equitable manner based on a base amount, and a proportional amount by population and total acreage of

the planning area. This agreement was reached in part because some regions have received a disproportionate amount of past IRWM funding. As a result, the Monterey Peninsula, Carmel Bay and South Monterey Bay IRWM funding area is slated to receive \$4.3M in Prop I IRWM funding, including 10% for Disadvantaged Community (DAC) Involvement and 10% for DAC Projects. It is our understanding that MPWMD is currently finalizing a grant agreement for the DAC funding.

Last fall, MPWMD staff called a meeting of the RWMG and requested that one of the other RWMG member organizations assume a leadership role for the group to pursue the Prop I funding opportunities. BSLT's Conservation Program Manager Sarah Hardgrave volunteered to review and identify the scope of activities that would be needed to reactivate the RWMG and position this funding region to be eligible for project implementation grant funds. Since that time, Sarah has assisted with scheduling and facilitating several meetings with the RWMG, the Carmel River Task Force and the Monterey Regional Stormwater Management Program (MRSWMP) to discuss the level of effort needed to reactivate the RWMG, prepare minor IRWMP updates, and conduct a project solicitation and prioritization process.

Based on a review of DWR's 2014 Plan review comments and DWR's 2016 updated requirements for the IRWMP standards, minor updates to the 2014 IRWMP need made this year in order to be eligible for the Prop I Project Implementation funding. In addition, based on discussion with the RWMG and other stakeholders, the 2014 IRWM Project list needs to be updated to reflect current projects that may be pursued in a Prop I IRWM implementation grant. A project solicitation and prioritization process will need to be conducted by this fall (October) if a grant application is to be made for DWR's Round I funding, with a grant application anticipated to be due by December 2018.

BSLT currently has the capacity to support this effort and is proposing that Sarah Hardgrave serve in an IRWM program management capacity this year. However, as a non-profit organization, we are unable to provide these program management services to the IRWM program without financial support. As a non-profit, our costs are considerably lower than consultant rates and therefore utilizing BSLT's services would provide a cost effective approach to positioning the region for significant funding opportunities. Further, Ms. Hardgrave's previous background with local water resources management, including her tenure as the MPWMD Technical Advisory Committee Chair from 2008 to 2013 and work with the MRSWMP group while at the City of Pacific Grove, give her knowledge and familiarity with the region that will also lend to an efficient approach to preparing the needed plan updates.

Based on the attached scope of work (task list and estimated time) to prepare the plan updates and facilitate the RWMG project solicitation process, we estimate BSLT's costs to provide these services at \$33,639.96. It is our understanding that this amount is well within the amount of budget MPWMD has available for the IRWM Program.

Please note that while we are proposing to support the IRWM, BSLT likely will propose projects for funding in the project solicitation process. BSLT requests that MPWMD separately

support the review and consolidation of project scores using the objective scoring approach utilized in the 2014 Plan Update and provide additional facilitation, if warranted, to ensure a fair process for the project prioritization. Also, this scope of work does not include any time to prepare a grant application once prioritized projects have been selected for the Prop I implementation funding.

Please let me know if you need any additional information to consider BSLT's services to support the IRWM program in 2018.

Sincerely,



Rachel Saunders  
Director of Conservation

Attachments:

1. BSLT Scope of Work
2. Central Coast Region IRWM Memorandum of Agreement for IRWM Planning and Funding in the Central Coast Funding Area
3. Proposition I 2016 IRWM Program Guidelines Appendix H, Changes to the 2012 IRWM Plan Standards
4. DWR Proposition I Grant Programs Update March 1, 2018

Monterey Peninsula, Carmel Bay and South Monterey Bay IRWMP Update

TASKS	Estimate of Time Needed	Participation of RWMP	Participation of Stakeholders
<b>A. IRWMP Updates</b>			
1. 2016 Plan Standards - needed IRWMP updates			
a. Update RWMP and individual project proponents who have adopted the plan	20	X	
b. Description of governance structure and how Native American tribes will participate	20		X
c. Water quality conditions – describe areas of nitrate, arsenic, perchlorate, or hexavalent chromium contamination, actions undertaken to address, additional actions needed	20	X	
d. Climate change vulnerability assessment – equivalent to vulnerabilities assessment in the DWR Climate Change Handbook for Regional Water Planning	24		
i. Potential effects of climate change on the region and whether adaptation is necessary for water management system	12		
ii. How effects of climate change are factored into regional management strategy	4		
iii. List of prioritized vulnerabilities & feasibility to address	8		
iv. Evaluation of ability of regional management strategy to eliminate or minimize vulnerabilities, especially those impacting water infrastructure systems	8		
v. Reducing energy consumption in water use	4		
e. Consider strategies adopted by CARB in AB 32 Scoping Plan I	8		
f. Options for carbon sequestration and using renewable energy (for water use)	8		
g. Consider all California Water Plan criteria (29) in CWP 2013 update	8		
h. Consider effects if sea level rise on water supply and suitable adaptation			
i. Cities of PG & Monterey Sea Level Rise studies from LCP updates	8		
ii. Salinas/Carmel River Basins Study	4		
iii. Others?	4		
i. Adapting to changes in amount, intensity, timing, quality and variability of runoff and recharge	8		
j. Plan performance – each project complies with applicable rules, laws and permits	4		
k. Contain policies and procedures to promote adaptive management to climate change and adjust IRWM plans as effects manifest and new tools or information becomes available	4		
l. Discuss how the plan relates to other planning documents and programs – especially Storm Water Resource Plans and Groundwater Sustainability Plans	12		
m. Consider and incorporate water management issues and climate change adaptation and mitigation strategies from local plans into the IRWMP	12		
n. Demonstrate information sharing and collaboration with regional land use planning	8	X	X
o. Contain a public process that provides outreach and opportunity for Native American Tribes to participate	20		X
p. Process to involve and facilitate stakeholders regardless of ability to pay, include description of barriers to involvement (specifically to Tribes)	20		X
2. 2014 IRWMP Review by DWR – Guidelines evaluated as insufficient			
a. Effective decision making	8	X	
b. Water supplies and demands for 20 year planning horizon	16	X	
c. Specific information on DACs and tribal communities – need to expand outreach/involvement of Native American Tribes	8		
d. Status of project proponents plan adoption	4	X	
e. QA/QC measures for data	4		
f. Data sharing	4		
3. Review plan goals, objectives and priorities - Confirm or determine if updates needed	24	X	X
4. Incorporation of new plans, studies, or new info from projects			
a. Carmel River Watershed Assessment & Carmel River Task Force active projects	12		
b. Water Supply Projects – PureWater, MPWSP, ASR, etc. (EIR, other studies)	16		
c. Storm Water Resource Plan	4		
d. Others	12		
SUBTOTAL	360		
<b>B. Project Solicitation &amp; Update</b>			
1. Review 2014 online template & determine if still appropriate tool for new project submittals	20	X	
2. If online system to be used, identify steps needed to activate			
3. Determine process to call for, review and prioritize project list	40	X	
a. 2016 Plan update requirements:			
i. evaluate project's contribution to climate change adoption	16		
ii. contribution of project in reducing GHGs compared to alternatives	16		
iii. whether any specific benefits to Native American tribal communities	4		
4. Implement project solicitation process	40	X	X
SUBTOTAL	136		
<b>C. Stakeholder/Public Process</b>			
1. Meeting #1 - Existing RWMP review of IRWMP and project list update process	16	X	
2. Meeting #2 – Stakeholders meeting – overview of IRWM program and invitation to expand RWMP, submit projects	16	X	X
3. Meeting #3 – Review of IRWMP updates, process to prioritize submitted projects	16	X	
4. Meetings #4 & 5– Review of project submittals and prioritization	16	X	X
5. Meeting #6 – RWMP approval of IRWM Plan Update, Project list, and SWRP	16	X	
SUBTOTAL	80		

TOTAL HOURS (\$52.34/hour)	576	\$	30,147.84
BSLT Administrative Overhead	11.58%	\$	3,491.12
<b>TOTAL COSTS</b>		\$	<b>33,638.96</b>

**Table 3 – Summary of Funds Available to Each Planning Region (less DWR fees)**

	Santa Cruz	Pajaro Valley Watershed	Greater Monterey	Monterey Peninsula	San Luis Obispo	Santa Barbara	Total CCFA
<b>ALLOCATION OPTION # 1</b>							
<b>Allocation Option #1 - DAC Funds</b> ((1/2 Equal Split Among Regions) + (1/4 %by population) + (1/4 % by acreage))	\$ 1,109,810	\$ 1,340,107	\$ 1,775,034	\$ 931,966	\$ 1,712,669	\$ 1,730,414	\$ <b>8,600,000</b>
<b>Allocation Option #1 - Impl'n Funds</b> ((1/2 Equal Split Among Regions) + (1/4 %by population) + (1/4 % by acreage))	\$ 4,050,805	\$ 4,891,390	\$ 6,478,875	\$ 3,401,677	\$ 6,251,243	\$ 6,316,010	\$ <b>31,390,000</b>
<b>Total Allocation Option #1</b>	\$ <b>5,160,615</b>	\$ <b>6,231,497</b>	\$ <b>8,253,910</b>	\$ <b>4,333,643</b>	\$ <b>7,963,912</b>	\$ <b>8,046,424</b>	

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## APPENDIX H

### CHANGES TO 2012 IRWM PLAN STANDARDS

IRWM Plan Standards	IRWM 2016 Plan Standards: Updates to 2012 IRWM Plan Standards	IRWM 2016 Guidelines Page Number
Region Description	2012 Guidelines (GL) Requirement (if applicable): Describe and explain how the plan will help reduce dependence on the Delta supply regionally. Updated code citation for the requirement: Public Resources Code §29700-29716.	37
	2012 GL Requirement: Describe water quality conditions. Same requirement with the following additional detail pertaining to AB 1249: "If the IRWM region has areas of nitrate, arsenic, perchlorate, or hexavalent chromium contamination, the Plan must include a description of location, extent, and impacts of the contamination; actions undertaken to address the contamination, and a description of any additional actions needed to address the contamination (Water Code §10541.(e)(14))."	37
	Additional requirement, not in 2012 GL: Describe likely Climate Change impacts on the region as determined from the vulnerability assessment <sup>1</sup> .	42
Plan Objectives	Additional requirement, not in 2012 GL: Address adapting to changes in the amount, intensity, timing, quality and variability of runoff and recharge.	38, 42
	Additional requirement, not in 2012 GL: Consider the effects of sea level rise (SLR) on water supply conditions and identify suitable adaptation measures.	38, 42
	Additional requirement, not in 2012 GL: Reducing energy consumption, especially the energy embedded in water use, and ultimately reducing GHG emissions.	38, 42
	Additional requirement, not in 2012 GL: In evaluating different ways to meet IRWM plan objectives, where practical, consider the strategies adopted by CARB in its AB 32 Scoping Plan.	38, 42
	Additional requirement, not in 2012 GL: Consider options for carbon sequestration and using renewable energy where such options are integrally tied to supporting IRWM Plan objectives.	38, 42
Resource Management Strategies (RMS)	2012 GL Requirement: Consider all 29 California Water Plan (CWP) RMS criteria listed in Table 3 from the CWP Update 2009. Identify RMS incorporated in the IRWM Plan. Same requirement with the following updates: CWP Update 2013 referred to instead of 2009. Additional RMS's in the 2013 update are Sediment Management, Outreach and Engagement, and Water and Culture (for a total of 32 requirements).	38

IRWM Plan Standards	IRWM 2016 Plan Standards: Updates to 2012 IRWM Plan Standards	IRWM 2016 Guidelines Page Number
	<p>2012 GL Requirement: Consideration of climate change effects on the IRWM region must be factored into RMS.</p> <p>Same requirement with the following additional detail: Identify and implement, using vulnerability assessments and tools such as those provided in the Climate Change Handbook, RMS and adaptation strategies that address region-specific climate change impacts.</p> <ul style="list-style-type: none"> <li>• Demonstrate how the effects of climate change on its region are factored into its RMS.</li> <li>• Reducing energy consumption, especially the energy embedded in water use, and ultimately reducing GHG emissions.</li> <li>• An evaluation of RMS and other adaptation strategies and ability of such strategies to eliminate or minimize those vulnerabilities, especially those impacting water infrastructure systems.</li> </ul>	38, 42
Project Review Process	<p>2012 GL Requirement: Project's contribution to climate change adaptation.</p> <p>Same requirement with the following additional detail:</p> <ul style="list-style-type: none"> <li>• Include potential effects of Climate Change on the region and consider if adaptations to the water management system are necessary.</li> <li>• Consider the contribution of the project to adapting to identified system vulnerabilities to climate change effects on the region.</li> <li>• Consider changes in the amount, intensity, timing, quality and variability of runoff and recharge.</li> <li>• Consider the effects of sea level rise on water supply conditions and identify suitable adaptation measures.</li> </ul>	37, 43
	<p>2012 GL Requirement: Contribution of project in reducing GHGs compared to project alternatives.</p> <p>Same requirement with the following additional detail:</p> <ul style="list-style-type: none"> <li>• Consider the contribution of the project in reducing GHG emissions as compared to project alternatives</li> <li>• Consider a project's ability to help the IRWM region reduce GHG emissions as new projects are implemented over the 20-year planning horizon.</li> <li>• Reducing energy consumption, especially the energy embedded in water use, and ultimately reducing GHG emissions.</li> </ul>	39, 42
Plan Performance and Monitoring	<p>Additional requirement, not in 2012 GL: Specific benefits to critical water issues for Native American Tribal communities.</p>	52
	<p>Additional requirement, not in 2012 GL: Contain policies and procedures that promote adaptive management and, as more effects of Climate Change manifest, new tools are developed, and new information becomes available, adjust IRWM Plans accordingly.</p>	39, 43

IRWM Plan Standards	IRWM 2016 Plan Standards: Updates to 2012 IRWM Plan Standards	IRWM 2016 Guidelines Page Number
Local Water Planning	<p>2012 GL Requirement: Discuss how the plan relates to these other planning documents and programs.</p> <p>Same requirement with the following additional detail:</p> <p>"It should be noted that Water Code § 10562 (b)(7) (i.e. SB 985) requires the development of a stormwater resource plan and compliance with these provisions to receive grants for stormwater and dry weather runoff capture projects. Upon development of the stormwater resource plan, the RWMG shall incorporate it into IRWM Plan. The IRWM Plan should discuss the processes that it will use to incorporate such plans. This requirement does not apply to DACs with a population of 20,000 or less and that is not a co-permittee for a municipal separate stormwater system national pollutant discharge elimination system permit issued to a municipality with a population greater than 20,000." Minor wording differences - e.g. Groundwater Sustainability Plan example in the 2016 Guidelines instead of Groundwater Management Plan in the 2012 Guidelines.</p>	62
	<p>Additional requirement, not in 2012 GL: Consider and incorporate water management issues and climate change adaptation and mitigation strategies from local plans into the IRWM Plan.</p>	41, 43
Local Land Use Planning	<p>Additional requirement, not in 2012 GL: Demonstrate information sharing and collaboration with regional land use planning in order to manage multiple water demands throughout the state, adapt water management systems to climate change, and potentially offset climate change impacts to water supply in California.</p>	30, 43
Stakeholder Involvement	<p>2012 GL Requirement: Contain a public process that provides outreach and opportunity to participate in the IRWM Plan.</p> <p>Same requirement with the following additional detail: "Native American Tribes – It should be noted that Tribes are sovereign nations, and as such coordination with Tribes is on a government-to-government basis."</p>	40
Climate Change	<p>2012 GL Requirement: Evaluate IRWM region's vulnerabilities to climate change and potential adaptation responses based on vulnerabilities assessment in the DWR Climate Change Handbook for Regional Water Planning</p> <p>Same requirement with the following additional detail: "<b>At a minimum</b>, the vulnerability evaluation must be equivalent to the vulnerability assessment contained in the Climate Change Handbook for Regional Water Planning, Section 4 and Appendix B."</p>	42, 69 - 71
	<p>2012 GL Requirement: Provide a process that considers GHG emissions when choosing between project alternatives.</p> <p>Same requirement with the following additional detail: "At a minimum, that process must determine a project's ability to help the IRWM region reduce GHG emissions as new projects are implemented over a 20-year planning horizon and consider energy efficiency and reduction of GHG emissions when choosing between project alternatives."</p>	39, 66 - 68
	<p>2012 GL Requirement: Include a list of prioritized vulnerabilities based on the vulnerability assessment and the IRWM's decision making process.</p> <p>Same requirement with the following additional detail: "A list of prioritized vulnerabilities which includes a determination regarding the feasibility for the RWMG to address the priority vulnerabilities."</p>	40, 42 - 43, 54



IRWM Plan Standards	IRWM 2016 Plan Standards: Updates to 2012 IRWM Plan Standards	IRWM 2016 Guidelines Page Number
	Additional requirement, not in 2012 GL: Address adapting to changes in the amount, intensity, timing, quality, and variability of runoff and recharge.	38 - 39, 42 - 43
	Additional requirement, not in 2012 GL: Areas of the State that receive water imported from the Sacramento-San Joaquin River Delta, the area within the Delta, and areas served by coastal aquifers must also consider the effects of sea level rise (SLR) on water supply conditions and identify suitable adaptation measures.	42

1. The vulnerability assessment contained in the Climate Change Handbook for Regional Water Planning, Section 4 and Appendix B in 2016 Guidelines.



Proposition 1 Grant Programs Update - March 1, 2018  
CA Department of Water Resources  
Financial Assistance Branch  
Division of Integrated Regional Water Management

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## DWR's New Web Site

We recently completed a digital makeover of our website. We have received many complements about the new streamlined look and accessibility of information, but we understand it may be frustrating to find information in a new way. Our team is here to help. Feel free to contact us if you cannot locate the information you seek.

[www.water.ca.gov](http://www.water.ca.gov)

## Proposition 1 Sustainable Groundwater Planning Grants

On February 6, we announced draft funding recommendations to 78 applicants, totaling \$85.8 million, including \$16.2 million for projects that directly benefit severely disadvantaged communities (<60% State mean household income), and \$69.6 million to Groundwater Sustainability Agencies (GSAs) for development of Groundwater Sustainability Plans (GSPs). The public comment period for the draft funding recommendations closed on February 28 and we expect release of the final awards in March, with execution of grant agreements this summer.

We encourage agencies with proposed groundwater projects to work with their local IRWM Regional Water Management Group to incorporate projects as appropriate into the IRWM Plan so that they might be considered for IRWM implementation funding.

<https://www.water.ca.gov/Work-With-Us/Grants-And-Loans/Sustainable-Groundwater>

## Proposition 1 IRWM Disadvantaged Community Involvement Grants

We have executed grant agreements or are currently in the process of doing so with 11 of the 12 hydrologic region-based funding areas identified in Proposition 1. We anticipate receipt of the final grant proposal for the San Joaquin Funding Area in the very near future and expect all work in the State to be fully underway by spring 2018. It is critical to complete this important work - in particular, the needs assessments - in order to identify projects benefiting DACs for IRWM implementation funding.

To help promote consistency and sharing of information between the 12 Funding Area grant recipients, our program and grant managers will be joining the DAC Involvement Working Group conference calls, hosted approximately monthly by the Environmental Justice Coalition for Water (EJCW). We participated in the January 2018 call and discussed the status of IRWM implementation funding and nexus to DAC involvement work. At the next meeting of the Working Group, we look forward to discussing

performance metrics, related to a provision of Prop 1 (CA Water Code 79716e): *Each state agency that receives an appropriation of funding made available by this division shall be responsible for establishing metrics of success and reporting the status of projects and all uses of the funding on the state's bond accountability Internet Web site, as provided by statute.*

### What's Next for Proposition 1 IRWM Implementation Grant Funding

We are gearing up for the launch of the Prop 1 IRWM Implementation Grant Program. We have been working with regional stakeholders since May 2017 through the IRWM Roundtable of Regions (ROR) to propose and discuss various concepts for a new approach. We anticipate discussing more concepts with the ROR before finalizing the approach. Thanks to everyone who has weighed in so far, and we welcome more input before the Proposal Solicitation Package (PSP) is released this summer.

DWR intends to work with potential grant applicants on a Funding Area basis following the release of the Final PSP; we anticipate holding workshops in each Funding Area prior to submittal of the grant applications by December 2018. Other state funding agencies will be invited to participate as appropriate.

Proposition 1 IRWM Implementation Grants <sup>1</sup> Proposal Solicitation Process and Schedule	
Milestone or Activity	Tentative Schedule <sup>2</sup>
Coordination with Regional Stakeholders RE: Development of Implementation Grant Program Concepts	May 2017 - April 2018
DWR Releases Draft Proposal Solicitation Package (PSP) for 45-day Public Comment Period	May 2018
3 Public Meetings (Northern, Central, and Southern Calif locations TBD)	May-June 2018
Draft PSP Public Comment Period Closes	June 2018
DWR Releases Final PSP	Summer 2018
Round 1 Grant Applications Due to DWR (Workshops with Funding Areas expected Summer-December 2018)	By December 2018
Round 1 Grant Awards	2019
Round 2 Grant Solicitation Process Begins	2020
<b>Notes:</b> <sup>1</sup> Includes funding for projects benefitting disadvantaged communities. <sup>2</sup> Schedule subject to change.	

<https://www.water.ca.gov/Work-With-Us/Grants-And-Loans/IRWM-Grant-Programs>

## **What Regions Should Do to Prepare for the Next Round of Grants**

In order for a project to be eligible for IRWM implementation grant funding, it must be either listed in the IRWM plan that is compliant with at least 2012 IRWM Plan Standards or describes how any non-listed projects have been vetted through the RWMG, consistent with the 2016 IRWM Plan Standards as confirmed by DWR's Plan Review Process. The plans must be updated and adopted to comply with 2016 standards before the final award is made. It is important to get your IRWM Plan updated to the 2016 Plan Standards and submitted to DWR as soon as possible to avoid potential delays.

The 2016 IRWM Plan Standards have changed to varying degrees from the 2012 IRWM Plan Standards. Refer to Appendix H in the Guidelines for a summary of the changes to the 2012 IRWM Plan Standards.

[https://www.water.ca.gov/LegacyFiles/irwm/grants/docs/p1Guidelines/2016Prop1IRWMGuidelines\\_FINAL\\_07192016.pdf](https://www.water.ca.gov/LegacyFiles/irwm/grants/docs/p1Guidelines/2016Prop1IRWMGuidelines_FINAL_07192016.pdf)

## **New Staff Assignments at DWR**

Keith Wallace has moved on to new opportunities with DWR's Sustainable Groundwater Management Program, and two members of our team - Rachel Ballanti and Jason Brabec - are the new contacts for this next phase in our IRWM implementation program. We are fortunate to have Rachel, with her experience working for the DWR Executive Division and California Water Commission, and Jason, who brings his experience as an Engineer with DWR's Division of Flood Management managing complex water resources projects. Both Rachel and Jason have been in our Branch, capably managing our Water-Energy, Prop 1E, and Prop 1 Sustainable Groundwater Planning grant programs for the last year or more. We look forward to the opportunity to introduce them to you in person in the coming months.

## **CA Water Plan Update 2018 - How Regional Interests Are Reflected in the New Edition of the State's Water Plan**

Be on the lookout for the public review draft of the 2018 update to the California Water Plan. Several of the recommendations in the document entitled *Stakeholders Perspectives: Recommendations for Strengthening and Sustaining IRWM in California (2017)* are being carried forward in the Water Plan Update. Also, the Water Plan describes early efforts underway to develop a Regional Water Atlas. This web-based tool will provide a clearinghouse to convey your regional success stories and lessons learned to other practitioners in the State as well as key policy makers.

<https://www.water.ca.gov/Programs/California-Water-Plan>

## ADMINISTRATIVE COMMITTEE

### 7. AUTHORIZE ADDITIONAL EXPENDITURE OF BUDGETED FUNDS FOR PASSIVE INTEGRATED TRANSPONDER (PIT) TAG READING EQUIPMENT TO MONITOR JUVENILE STEELHEAD EMIGRATION AND EVENTUAL ADULT RETURNS

<b>Meeting Date:</b>	<b>April 9, 2018</b>	<b>Budgeted:</b>	<b>Yes</b>
<b>From:</b>	<b>Dave Stoldt, General Manager</b>	<b>Program/ Line Item No.:</b>	<b>Aquatic Resources/ Fisheries 2-3-1 H.</b>
<b>Prepared By:</b>	<b>Kevan Urquhart</b>	<b>Cost Estimate:</b>	<b>\$3,200</b>

**General Counsel Approval:** N/A

**Committee Recommendation:** The Administrative Committee reviewed this item on April 9, 2018 and recommended \_\_\_\_\_.

**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 has been cooperating with the National Marine Fisheries Service, Southwest Fisheries Science Center (NMFS-SWFSC) since 2013 to tag juvenile steelhead with half-duplex (HDX) Passive Integrated Transponder tags (PIT-tags). In fall of 2017, the district purchased parts to add to NMFS-SWFSC stock, in order to put together two more arrays in the mainstem river. The two arrays are located at Scarlett Well and at Sleepy Hollow Bridge. One of the controllers at the Sleepy Hollow Bridge is malfunctioning, and needs replacement. A second controller will be purchased in order to have one on hand in case of future emergency repair and to also use as a test controller for experimenting with different antenna designs in order to improve tag read range. Tags, tag injectors and needles are needed in order to tag juvenile fish this upcoming rescue season.

In August 2017, the board approved a not-to-exceed amount of \$8,500. To date we have spent \$6,660, leaving \$1,840 authorized. The additional equipment needed to keep the arrays in operation and continue tagging fish this fiscal year, total's \$5,000, exceeding the approved amount by \$3,160.

**RECOMMENDATION:** Staff recommends that the District Board authorize additional expenditure of budgeted funds in the amount of \$3,200 to cover the costs of keeping the PIT tag antennae arrays operating, and buying additional tags as needed throughout the rest of the fiscal year. The Administrative Committee reviewed this item at its April 9, 2018 meeting and voted \_ \_ to \_\_\_\_\_ the expenditure.

**IMPACT TO STAFF/RESOURCES:** The Fiscal Year 2017-2018 Budget includes \$65,000 for pilot studies to develop new monitoring methods steelhead related to our impending NMFS permit.

### EXHIBIT

None



## ADMINISTRATIVE COMMITTEE

### 8. CONSIDER ADOPTION OF TREASURER'S REPORT FOR FEBRUARY 2018

<b>Meeting Date:</b>	<b>April 9, 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 April 9, 2018 and recommended \_\_\_\_\_.

**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:** Exhibit 8-A comprises the Treasurer's Report for February 2018. Exhibit 8-B, Exhibit 8-C and Exhibit 8-D are listings of check disbursements for the period February 1-28, 2018. Check Nos. 31304 through 31605, the direct deposits of employee's paychecks, payroll tax deposits, and bank charges resulted in total disbursements for the period in the amount of \$706,850.93. That amount included \$63,540.26 for conservation rebates. Exhibit 8-E reflects the unaudited version of the financial statements for the month ending February 28, 2018.

**RECOMMENDATION:** District staff recommends adoption of the February 2018 Treasurer's Report and financial statements, and ratification of the disbursements made during the month. The Administrative Committee reviewed this item at its April 9, 2018 meeting and voted \_\_ to \_\_ to recommend \_\_\_\_\_.

#### EXHIBITS

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





**MONTEREY PENINSULA WATER MANAGEMENT DISTRICT  
TREASURER'S REPORT FOR FEBRUARY 2018**

<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	\$52,641.45	\$3,062,046.43	\$2,016,786.07	\$1,533,657.91	\$ 6,665,131.86	\$0.00	\$348,140.56
Fee Deposits		4,682,725.49			4,682,725.49		492,238.17
Line of Credit Draw/Payoff					0.00		
Interest		133.92		864.59	998.51		19.06
Transfer to/from LAIF					0.00		
Transfer-Money Market to Checking	\$600,000.00	(600,000.00)			0.00		
Transfer-Money Market to W/Fargo		(1,500,000.00)		1,500,000.00	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		
Voided Cks					0.00		
Bank Corrections/Reversals/Errors					0.00		
Bank Charges/Rtn'd Deposits/Other	(\$309.55)	(42.75)			(352.30)		
Payroll Tax/Benefit Deposits	(36,815.37)				(36,815.37)		
Payroll Checks/Direct Deposits	(133,243.43)				(133,243.43)		
General Checks	(462,982.86)				(462,982.86)		
Bank Draft Payments	(73,499.72)				(73,499.72)		
<b>Ending Balance</b>	<b>(\$54,209.48)</b>	<b>\$5,644,863.09</b>	<b>\$2,016,786.07</b>	<b>\$3,034,522.50</b>	<b>\$10,641,962.18</b>	<b>\$0.00</b>	<b>\$840,397.79</b>



**Check Report**

By Check Number



Monterey Peninsula Water Management Dist

Date Range: 02/01/2018 - 02/28/2018

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
<b>Bank Code: APBNK</b>	<b>-Bank of America Checking</b>					
00767	AFLAC	02/15/2018	Regular	0.00	-917.78	31128
01188	Alhambra	02/02/2018	Regular	0.00	119.30	31304
12188	Brown and Caldwell	02/02/2018	Regular	0.00	2,417.46	31305
00252	Cal-Am Water	02/02/2018	Regular	0.00	114.20	31306
00252	Cal-Am Water	02/02/2018	Regular	0.00	84.48	31307
00024	Central Coast Exterminator	02/02/2018	Regular	0.00	104.00	31308
00230	Cisco WebEx, LLC	02/02/2018	Regular	0.00	49.00	31309
06268	Comcast	02/02/2018	Regular	0.00	247.57	31310
00046	De Lay & Laredo	02/02/2018	Regular	0.00	28,137.16	31311
00761	Dolores Cofer	02/02/2018	Regular	0.00	356.00	31312
08990	Fort Ord Reuse Authority	02/02/2018	Regular	0.00	1,535.01	31313
15398	GovInvest	02/02/2018	Regular	0.00	2,500.00	31314
12655	Graphicsmiths	02/02/2018	Regular	0.00	127.60	31315
00083	Hayashi & Wayland Accountancy Corp.	02/02/2018	Regular	0.00	19,000.00	31316
00277	Home Depot Credit Services	02/02/2018	Regular	0.00	31.93	31317
00768	ICMA	02/02/2018	Regular	0.00	5,735.09	31318
04717	Inder Osahan	02/02/2018	Regular	0.00	1,183.47	31319
05371	June Silva	02/02/2018	Regular	0.00	396.12	31320
15601	LSA Associates, Inc.	02/02/2018	Regular	0.00	2,805.00	31321
13431	Lynx Technologies, Inc	02/02/2018	Regular	0.00	450.00	31322
00242	MBAS	02/02/2018	Regular	0.00	1,200.00	31323
13396	Navia Benefit Solutions, Inc.	02/02/2018	Regular	0.00	852.51	31324
04032	Normandeau Associates, Inc.	02/02/2018	Regular	0.00	9,155.25	31325
00755	Peninsula Welding Supply, Inc.	02/02/2018	Regular	0.00	91.58	31326
00262	Pure H2O	02/02/2018	Regular	0.00	64.41	31327
09989	Star Sanitation Services	02/02/2018	Regular	0.00	88.51	31328
09425	The Ferguson Group LLC	02/02/2018	Regular	0.00	418.36	31329
00221	Verizon Wireless	02/02/2018	Regular	0.00	623.14	31330
00763	ACWA-JPIA	02/12/2018	Regular	0.00	420.40	31331
00767	AFLAC	02/12/2018	Regular	0.00	1,275.04	31332
00253	AT&T	02/12/2018	Regular	0.00	1,606.66	31333
00022	Bioassessment Services	02/12/2018	Regular	0.00	3,430.00	31334
11822	CSC	02/12/2018	Regular	0.00	8,000.00	31335
01352	Dave Stoldt	02/12/2018	Regular	0.00	365.78	31336
08109	David Olson, Inc.	02/12/2018	Regular	0.00	136.00	31337
00041	Denise Duffy & Assoc. Inc.	02/12/2018	Regular	0.00	1,515.10	31338
00225	Escalon Services c/o Palace Business Solutions	02/12/2018	Regular	0.00	154.59	31339
00758	FedEx	02/12/2018	Regular	0.00	23.39	31340
00094	John Arriaga	02/12/2018	Regular	0.00	2,500.00	31341
06745	KBA Docusys - Lease Payments	02/12/2018	Regular	0.00	947.22	31342
00259	Marina Coast Water District	02/12/2018	Regular	0.00	187.20	31343
00259	Marina Coast Water District	02/12/2018	Regular	0.00	60.39	31344
00275	Monterey County Herald	02/12/2018	Regular	0.00	427.91	31345
00274	Monterey One Water	02/12/2018	Regular	0.00	152.71	31346
13396	Navia Benefit Solutions, Inc.	02/12/2018	Regular	0.00	776.00	31347
05053	Pacific Smog	02/12/2018	Regular	0.00	39.75	31348
00154	Peninsula Messenger Service	02/12/2018	Regular	0.00	467.00	31349
00755	Peninsula Welding Supply, Inc.	02/12/2018	Regular	0.00	49.50	31350
00282	PG&E	02/12/2018	Regular	0.00	30.85	31351
00282	PG&E	02/12/2018	Regular	0.00	10.52	31352
00159	Pueblo Water Resources, Inc.	02/12/2018	Regular	0.00	8,034.75	31353
07627	Purchase Power	02/12/2018	Regular	0.00	500.00	31354
11671	Robert Scafani & Rosemarie Scafani	02/12/2018	Regular	0.00	416.56	31355
01020	Sara Reyes - Petty Cash Custodian	02/12/2018	Regular	0.00	233.62	31356

**EXHIBIT 8-B**

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## Check Report

Date Range: 02/01/2018 - 02/28/2018

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
05831	Seaside Chamber of Commerce	02/12/2018	Regular	0.00	250.00	31357
04709	Sherron Forsgren	02/12/2018	Regular	0.00	715.47	31358
00203	ThyssenKrup Elevator	02/12/2018	Regular	0.00	603.47	31359
00269	U.S. Bank	02/12/2018	Regular	0.00	7,530.58	31360
	**Void**	02/12/2018	Regular	0.00	0.00	31361
04340	Valley Trophies & Detectors	02/12/2018	Regular	0.00	155.14	31362
00249	A.G. Davi, LTD	02/16/2018	Regular	0.00	395.00	31411
15399	Accela Inc.	02/16/2018	Regular	0.00	29,403.87	31412
00767	AFLAC	02/16/2018	Regular	0.00	917.78	31413
00760	Andy Bell	02/16/2018	Regular	0.00	699.00	31414
00036	Bill Parham	02/16/2018	Regular	0.00	650.00	31415
00252	Cal-Am Water	02/16/2018	Regular	0.00	214.08	31416
00243	CalPers Long Term Care Program	02/16/2018	Regular	0.00	50.06	31417
06003	Carmel Valley Chamber of Commerce	02/16/2018	Regular	0.00	210.00	31418
06268	Comcast	02/16/2018	Regular	0.00	247.57	31419
04041	Cynthia Schmidlin	02/16/2018	Regular	0.00	645.67	31420
00192	Extra Space Storage	02/16/2018	Regular	0.00	793.00	31421
00285	Gabby Ayala	02/16/2018	Regular	0.00	14.97	31422
08929	HDR Engineering, Inc.	02/16/2018	Regular	0.00	18,564.40	31423
00986	Henrietta Stern	02/16/2018	Regular	0.00	1,183.47	31424
00768	ICMA	02/16/2018	Regular	0.00	5,735.09	31425
03857	Joe Oliver	02/16/2018	Regular	0.00	1,183.47	31426
13431	Lynx Technologies, Inc	02/16/2018	Regular	0.00	375.00	31427
00222	M.J. Murphy	02/16/2018	Regular	0.00	190.05	31428
00259	Marina Coast Water District	02/16/2018	Regular	0.00	58.57	31429
00223	Martins Irrigation Supply	02/16/2018	Regular	0.00	55.24	31430
07771	Monterey Bay Urgent Care	02/16/2018	Regular	0.00	60.00	31431
08700	Monterey Regional Waste Management District	02/16/2018	Regular	0.00	31.00	31432
13396	Navia Benefit Solutions, Inc.	02/16/2018	Regular	0.00	852.51	31433
04032	Normandeau Associates, Inc.	02/16/2018	Regular	0.00	715.00	31434
15419	Pacific States Marine Fisheries Commission	02/16/2018	Regular	0.00	250.00	31435
00282	PG&E	02/16/2018	Regular	0.00	16.78	31436
00282	PG&E	02/16/2018	Regular	0.00	21.45	31437
13430	Premier Global Services	02/16/2018	Regular	0.00	17.00	31438
00752	Professional Liability Insurance Service	02/16/2018	Regular	0.00	40.06	31439
00228	Ryan Ranch Printers	02/16/2018	Regular	0.00	1,744.19	31440
00176	Sentry Alarm Systems	02/16/2018	Regular	0.00	125.50	31441
00283	SHELL	02/16/2018	Regular	0.00	622.09	31442
03973	Stephanie Kister	02/16/2018	Regular	0.00	323.08	31443
04719	Telit IoT Platforms, LLC	02/16/2018	Regular	0.00	191.59	31444
00269	U.S. Bank	02/16/2018	Regular	0.00	6,324.58	31445
	**Void**	02/16/2018	Regular	0.00	0.00	31446
00271	UPEC, Local 792	02/16/2018	Regular	0.00	1,153.17	31447
01015	American Lock & Key	02/23/2018	Regular	0.00	49.16	31578
00253	AT&T	02/23/2018	Regular	0.00	192.59	31579
00232	Balance Hydrologics, Inc	02/23/2018	Regular	0.00	1,484.68	31580
01001	CDW Government	02/23/2018	Regular	0.00	1,909.00	31581
00237	Chevron	02/23/2018	Regular	0.00	329.00	31582
00281	CoreLogic Information Solutions, Inc.	02/23/2018	Regular	0.00	1,134.40	31583
11822	CSC	02/23/2018	Regular	0.00	10,000.00	31584
00046	De Lay & Laredo	02/23/2018	Regular	0.00	30,597.27	31585
00761	Delores Cofer	02/23/2018	Regular	0.00	356.00	31586
00277	Home Depot Credit Services	02/23/2018	Regular	0.00	140.20	31587
06745	KBA Docusys - Lease Payments	02/23/2018	Regular	0.00	947.22	31588
00222	M.J. Murphy	02/23/2018	Regular	0.00	1,621.46	31589
00223	Martins Irrigation Supply	02/23/2018	Regular	0.00	314.82	31590
00242	MBAS	02/23/2018	Regular	0.00	1,100.00	31591
07418	McMaster-Carr	02/23/2018	Regular	0.00	153.36	31592
04032	Normandeau Associates, Inc.	02/23/2018	Regular	0.00	263.25	31593
00282	PG&E	02/23/2018	Regular	0.00	8,129.05	31594
00282	PG&E	02/23/2018	Regular	0.00	6,100.93	31595

**EXHIBIT 8-B**

Check Report

Date Range: 02/01/2018 - 02/28/2018

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
00282	PG&E	02/23/2018	Regular	0.00	648.55	31596
00159	Pueblo Water Resources, Inc.	02/23/2018	Regular	0.00	110,769.20	31597
00234	Rapid Printers	02/23/2018	Regular	0.00	570.94	31598
00766	Standard Insurance Company	02/23/2018	Regular	0.00	1,562.41	31599
09989	Star Sanitation Services	02/23/2018	Regular	0.00	106.01	31600
00258	TBC Communications & Media	02/23/2018	Regular	0.00	9,336.50	31601
09351	Tetra Tech, Inc.	02/23/2018	Regular	0.00	10,527.34	31602
09425	The Ferguson Group LLC	02/23/2018	Regular	0.00	8,000.00	31603
10722	Thompson Wildland Management	02/23/2018	Regular	0.00	500.00	31604
08105	Yolanda Munoz	02/23/2018	Regular	0.00	540.00	31605

Payment Type	Bank Code APBNK		Summary	
	Payable Count	Payment Count	Discount	Payment
Regular Checks	190	122	0.00	400,360.38
Manual Checks	0	0	0.00	0.00
Voided Checks	0	3	0.00	-917.78
Bank Drafts	0	0	0.00	0.00
EFT's	0	0	0.00	0.00
	<b>190</b>	<b>125</b>	<b>0.00</b>	<b>399,442.60</b>

**EXHIBIT 8-B**

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Check Report

Date Range: 02/01/2018 - 02/28/2018

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
<b>Bank Code: REBATES-02-Rebates: Use Only For Rebates</b>						
15856	ANGELO SOARES	02/16/2018	Regular	0.00	500.00	31363
15834	ANITA FREEL	02/16/2018	Regular	0.00	125.00	31364
15829	CAROLE COLTER	02/16/2018	Regular	0.00	625.00	31365
15860	CHRISTINE VITALE	02/16/2018	Regular	0.00	200.00	31366
15841	DANIEL ALBERT	02/16/2018	Regular	0.00	500.00	31367
15822	DAVID MEYER	02/16/2018	Regular	0.00	100.00	31368
15831	DAVID SICKLER	02/16/2018	Regular	0.00	625.00	31369
15819	DENNIS JOHNSON	02/16/2018	Regular	0.00	276.00	31370
15827	ELIZABETH MURRAY	02/16/2018	Regular	0.00	125.00	31371
15845	ELLEN CRYNS	02/16/2018	Regular	0.00	500.00	31372
15855	GEORGE MATSUMOTO	02/16/2018	Regular	0.00	500.00	31373
15833	GEORGE THORPE	02/16/2018	Regular	0.00	125.00	31374
15821	Heidi L Bensley	02/16/2018	Regular	0.00	350.00	31375
15859	JAMES TYLER	02/16/2018	Regular	0.00	5,350.00	31376
15857	John Thomas	02/16/2018	Regular	0.00	499.99	31377
15836	John Thomas Emery	02/16/2018	Regular	0.00	500.00	31378
15826	JUDITH LIPPMAN	02/16/2018	Regular	0.00	125.00	31379
15850	JUSTIN BORELLO	02/16/2018	Regular	0.00	500.00	31380
15848	JUSTIN HAUFFE	02/16/2018	Regular	0.00	500.00	31381
15818	KATH UYEDA	02/16/2018	Regular	0.00	300.00	31382
15854	KIMBERLY EDWARDS	02/16/2018	Regular	0.00	500.00	31383
15837	LADISLAV BARAK	02/16/2018	Regular	0.00	500.00	31384
15817	LAURENCE TAYLOR	02/16/2018	Regular	0.00	150.00	31385
15838	Marilyn Torres	02/16/2018	Regular	0.00	500.00	31386
15847	MICHAEL LOPEZ	02/16/2018	Regular	0.00	499.99	31387
15843	MICHELE STAWOWY	02/16/2018	Regular	0.00	411.75	31388
15864	MOHAMED TABIB	02/16/2018	Regular	0.00	500.00	31389
15820	NOEL MILLS	02/16/2018	Regular	0.00	75.00	31390
15852	PAT HORI	02/16/2018	Regular	0.00	499.99	31391
15832	PATRICIA LAVIN	02/16/2018	Regular	0.00	125.00	31392
15863	Patricia P. Basco	02/16/2018	Regular	0.00	477.90	31393
15828	PATRICIA STEWART	02/16/2018	Regular	0.00	125.00	31394
15858	PAUL ZABALA	02/16/2018	Regular	0.00	500.00	31395
15846	RAMONA OLAETA-REED	02/16/2018	Regular	0.00	500.00	31396
15842	RANDY SAAR	02/16/2018	Regular	0.00	500.00	31397
15835	RAY VERNAZZA	02/16/2018	Regular	0.00	500.00	31398
15849	ROXANE BUCK-EZCURRA	02/16/2018	Regular	0.00	500.00	31399
15839	SAUNDRA MEYROSE	02/16/2018	Regular	0.00	449.00	31400
15851	SEUNG-HEE PARK	02/16/2018	Regular	0.00	500.00	31401
15853	SILVIA MUNOZ	02/16/2018	Regular	0.00	500.00	31402
15844	SOPHIA NORRIS	02/16/2018	Regular	0.00	500.00	31403
15840	STANLEY BANTA	02/16/2018	Regular	0.00	500.00	31404
15830	STEPHANIE CHRITZBERG	02/16/2018	Regular	0.00	125.00	31405
15823	STEVE EZZO	02/16/2018	Regular	0.00	150.00	31406
15825	SUZANNE HERBST	02/16/2018	Regular	0.00	150.00	31407
15862	SYLVIA M GARCIA	02/16/2018	Regular	0.00	400.00	31408
15824	TAMARA JO DAVIES	02/16/2018	Regular	0.00	75.00	31409
15861	TINA DEYERLE	02/16/2018	Regular	0.00	775.00	31410
16049	ADAM SEPAGAN	02/16/2018	Regular	0.00	500.00	31448
16048	ANA ROBLES YAMAUCHI	02/16/2018	Regular	0.00	500.00	31449
16112	ANGELICA BLATT	02/16/2018	Regular	0.00	500.00	31450
16021	ANKIA CHANDRASEKARAN	02/16/2018	Regular	0.00	125.00	31451
15996	ANN ADAMS	02/16/2018	Regular	0.00	300.00	31452
16069	ANNE MARTELLARO	02/16/2018	Regular	0.00	500.00	31453
16031	ANTHONY FINNEGAN	02/16/2018	Regular	0.00	500.00	31454
16020	ANTHONY LEON	02/16/2018	Regular	0.00	125.00	31455
16047	ASHLEY CHATMAN	02/16/2018	Regular	0.00	499.99	31456
16053	BABAK GHAVAMIAN	02/16/2018	Regular	0.00	500.00	31457
16107	BARBARA THOMAS	02/16/2018	Regular	0.00	500.00	31458
15998	BETTY WATTS	02/16/2018	Regular	0.00	75.00	31459

**EXHIBIT 8-B**

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## Check Report

Date Range: 02/01/2018 - 02/28/2018

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
16116	BEVERLEE TAYLOR	02/16/2018	Regular	0.00	125.00	31460
16046	BEVERLEY HILL	02/16/2018	Regular	0.00	500.00	31461
15993	BEVERLY WOODS	02/16/2018	Regular	0.00	100.00	31462
16043	BISWANATH CHOWDHURY	02/16/2018	Regular	0.00	500.00	31463
16063	BRIAN GRIFFITH	02/16/2018	Regular	0.00	500.00	31464
16068	BROOKE BAILEY	02/16/2018	Regular	0.00	500.00	31465
16072	BRUCE HERRMANN	02/16/2018	Regular	0.00	500.00	31466
16029	BRUCE R MEHRINGER	02/16/2018	Regular	0.00	125.00	31467
16013	CARLOS QUINTANA	02/16/2018	Regular	0.00	150.00	31468
16079	CARMELA NOTO	02/16/2018	Regular	0.00	300.00	31469
16023	CAROLINA BAYNE	02/16/2018	Regular	0.00	125.00	31470
15994	CATHY CHAPPELLE	02/16/2018	Regular	0.00	100.00	31471
16085	CHRISTINA DEMARIA	02/16/2018	Regular	0.00	225.00	31472
16055	Cindy Hamilton	02/16/2018	Regular	0.00	500.00	31473
16039	COLIN MARK-GRIFFIN	02/16/2018	Regular	0.00	500.00	31474
16044	CRAIG WHITESIDE	02/16/2018	Regular	0.00	500.00	31475
16007	CUSTOM HOUSE REALTY	02/16/2018	Regular	0.00	150.00	31476
16006	CUSTOM HOUSE REALTY	02/16/2018	Regular	0.00	150.00	31477
16008	CUSTOM HOUSE REALTY	02/16/2018	Regular	0.00	75.00	31478
16005	Custom House Realty & Property Management	02/16/2018	Regular	0.00	75.00	31479
16016	Custom House Realty & Property Management	02/16/2018	Regular	0.00	75.00	31480
16015	Custom House Realty & Property Management	02/16/2018	Regular	0.00	75.00	31481
16010	DANIEL MCFARLANE	02/16/2018	Regular	0.00	150.00	31482
16042	Daniela Urbassek	02/16/2018	Regular	0.00	499.99	31483
16025	DAVID ADRIAN II	02/16/2018	Regular	0.00	125.00	31484
16114	DAVID J & VALERIE M MORET	02/16/2018	Regular	0.00	500.00	31485
16084	DEBRA ACHEN	02/16/2018	Regular	0.00	275.00	31486
16113	DIANE MCDONNELL	02/16/2018	Regular	0.00	500.00	31487
16003	DON & DENISE COLEMAN	02/16/2018	Regular	0.00	75.00	31488
16017	DONALD R RIEHL	02/16/2018	Regular	0.00	125.00	31489
16062	Douglas Turner	02/16/2018	Regular	0.00	500.00	31490
16108	EDITH K LEMON	02/16/2018	Regular	0.00	500.00	31491
16074	ELIZABETH A KLEINSORG	02/16/2018	Regular	0.00	180.00	31492
16091	ELIZABETH H LAYS	02/16/2018	Regular	0.00	75.00	31493
16000	ELLA S. NICKLAS	02/16/2018	Regular	0.00	250.00	31494
16056	ELLEN PATTON	02/16/2018	Regular	0.00	500.00	31495
15991	ERIC & SABRINA SOUZA	02/16/2018	Regular	0.00	500.00	31496
16057	ERIN ELLIOTT	02/16/2018	Regular	0.00	485.10	31497
16004	ETHEL FRANCES TALLEY	02/16/2018	Regular	0.00	125.00	31498
16038	FRANCES COOK	02/16/2018	Regular	0.00	500.00	31499
16066	Fred Flatley	02/16/2018	Regular	0.00	500.00	31500
16050	GARRETT BOWLUS	02/16/2018	Regular	0.00	500.00	31501
16051	GERRY WEST	02/16/2018	Regular	0.00	500.00	31502
16012	GLORIA SENTENEY	02/16/2018	Regular	0.00	75.00	31503
16071	Henry Travis	02/16/2018	Regular	0.00	500.00	31504
16086	Hermina Dallas	02/16/2018	Regular	0.00	75.00	31505
16094	HONG KIM	02/16/2018	Regular	0.00	125.00	31506
16058	HOSEIT MAX H ET AL	02/16/2018	Regular	0.00	500.00	31507
16018	JANE WYNN	02/16/2018	Regular	0.00	125.00	31508
16117	JANICE DYER	02/16/2018	Regular	0.00	125.00	31509
15997	JEAN ANN WATTS	02/16/2018	Regular	0.00	150.00	31510
16052	JEAN BOURNE	02/16/2018	Regular	0.00	500.00	31511
16028	JEAN HONTALAS	02/16/2018	Regular	0.00	125.00	31512
16030	JIAZHE SONG	02/16/2018	Regular	0.00	500.00	31513
16022	JIAZHE SONG	02/16/2018	Regular	0.00	125.00	31514
16099	JIM & DANIELLE PRICE	02/16/2018	Regular	0.00	433.59	31515
16011	JLUIE CAMBE PREMIER TRUST INC	02/16/2018	Regular	0.00	125.00	31516
16095	JOE CAPPuccio	02/16/2018	Regular	0.00	125.00	31517
16101	JOHN HICKEY	02/16/2018	Regular	0.00	500.00	31518
16070	KAY HUETTMANN	02/16/2018	Regular	0.00	499.99	31519
16098	KIM MARTIN	02/16/2018	Regular	0.00	500.00	31520

**EXHIBIT 8-B**

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## Check Report

Date Range: 02/01/2018 - 02/28/2018

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
16092	LAURA HELMSING	02/16/2018	Regular	0.00	625.00	31521
16077	LES TUCKER	02/16/2018	Regular	0.00	75.00	31522
16073	LESLIE ANASTASIA	02/16/2018	Regular	0.00	500.00	31523
16054	LINDA W COLLINS	02/16/2018	Regular	0.00	500.00	31524
16001	LISA HANDLEY	02/16/2018	Regular	0.00	75.00	31525
16059	LON ALEXANDER	02/16/2018	Regular	0.00	500.00	31526
16035	LORI POTTER	02/16/2018	Regular	0.00	500.00	31527
16076	LORI WONG	02/16/2018	Regular	0.00	125.00	31528
16064	LYNN CLEMENTS	02/16/2018	Regular	0.00	500.00	31529
16078	MANDANA VARNOOS	02/16/2018	Regular	0.00	300.00	31530
16115	Mangold Property Management	02/16/2018	Regular	0.00	75.00	31531
16087	MARILYN C TAYLOR	02/16/2018	Regular	0.00	150.00	31532
15999	MARTHA HADDAD	02/16/2018	Regular	0.00	150.00	31533
16089	MARTIN MCCARTHY	02/16/2018	Regular	0.00	75.00	31534
16002	MEGAN BASSETT	02/16/2018	Regular	0.00	75.00	31535
16111	Meredyth Templeton	02/16/2018	Regular	0.00	500.00	31536
16082	MICHAEL CAPPETTI	02/16/2018	Regular	0.00	75.00	31537
16040	Michael Forsythe	02/16/2018	Regular	0.00	500.00	31538
16024	MICHAEL RUSSO	02/16/2018	Regular	0.00	125.00	31539
16100	MOLLY LEWIS	02/16/2018	Regular	0.00	500.00	31540
16067	MONTEREY BAY VACATION RENTALS	02/16/2018	Regular	0.00	500.00	31541
16032	Monterey Rentals	02/16/2018	Regular	0.00	500.00	31542
16061	NALINI ELKINS	02/16/2018	Regular	0.00	500.00	31543
16041	Nina Kelly	02/16/2018	Regular	0.00	500.00	31544
16083	OTA KLIER	02/16/2018	Regular	0.00	75.00	31545
15995	Pablo Carbajal	02/16/2018	Regular	0.00	149.00	31546
16009	PAOLA BERTHOIN	02/16/2018	Regular	0.00	125.00	31547
16075	PATRICIA TOPRAKHISAR	02/16/2018	Regular	0.00	200.00	31548
16065	PATRICIA VICTORINO	02/16/2018	Regular	0.00	500.00	31549
16033	PATTY MACDONALD	02/16/2018	Regular	0.00	500.00	31550
16090	PETER CHU	02/16/2018	Regular	0.00	75.00	31551
16014	RICHARD HEIMANN	02/16/2018	Regular	0.00	150.00	31552
16105	RICHARD STERES	02/16/2018	Regular	0.00	500.00	31553
16045	ROB SWANSON	02/16/2018	Regular	0.00	500.00	31554
16037	Ronald Pflieger	02/16/2018	Regular	0.00	500.00	31555
16110	ROSARIO DOMINGO	02/16/2018	Regular	0.00	500.00	31556
16060	RYAN & D'ANNE PETERSON	02/16/2018	Regular	0.00	500.00	31557
16109	Scott & Renee Campbell	02/16/2018	Regular	0.00	500.00	31558
16097	SHARI RASMUSSEN	02/16/2018	Regular	0.00	500.00	31559
16027	STEFANIE NAUMANN	02/16/2018	Regular	0.00	125.00	31560
16034	STEPHEN & BETSY PEARSON	02/16/2018	Regular	0.00	499.99	31561
16036	STEVE CATALANO	02/16/2018	Regular	0.00	479.99	31562
16096	Steven Wright	02/16/2018	Regular	0.00	125.00	31563
16081	SUMMER HENNESSY	02/16/2018	Regular	0.00	75.00	31564
16102	TaNeidra Nixon	02/16/2018	Regular	0.00	499.00	31565
16088	THERESE SUZUKI	02/16/2018	Regular	0.00	225.00	31566
16093	THOMAS NELSON	02/16/2018	Regular	0.00	125.00	31567
16104	Timothy Saar	02/16/2018	Regular	0.00	500.00	31568
16103	Tish Sammon	02/16/2018	Regular	0.00	499.00	31569
16080	TODD OKA	02/16/2018	Regular	0.00	75.00	31570
16106	TSUNEO LARRY ODA	02/16/2018	Regular	0.00	500.00	31571
15992	Willard McCrone	02/16/2018	Regular	0.00	100.00	31572
16019	WILLARD MCCRONE	02/16/2018	Regular	0.00	125.00	31573



**EXHIBIT 8-B**

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Check Report

Date Range: 02/01/2018 - 02/28/2018

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
16026	YUN JOO KIM	02/16/2018	Regular	0.00	125.00	31574

Bank Code REBATES-02 Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	175	175	0.00	63,540.26
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>175</b>	<b>175</b>	<b>0.00</b>	<b>63,540.26</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	365	297	0.00	463,900.64
Manual Checks	0	0	0.00	0.00
Voided Checks	0	3	0.00	-917.78
Bank Drafts	0	0	0.00	0.00
EFT's	0	0	0.00	0.00
	<b>365</b>	<b>300</b>	<b>0.00</b>	<b>462,982.86</b>

**Fund Summary**

<b>Fund</b>	<b>Name</b>	<b>Period</b>	<b>Amount</b>
99	POOL CASH FUND	2/2018	462,982.86
			<b>462,982.86</b>

**EXHIBIT 8-C**

**Payroll Bank Transaction Report - MPWMD**



Monterey Peninsula Water Management Dist

By Payment Number

Date: 2/1/2018 - 2/28/2018

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
3523	02/02/2018	Regular	1024	Stoldt, David J	0.00	5,636.75	5,636.75
3524	02/02/2018	Regular	1025	Tavani, Arlene M	0.00	2,088.25	2,088.25
3525	02/02/2018	Regular	1044	Bennett, Corryn D	0.00	1,567.09	1,567.09
3526	02/02/2018	Regular	1006	Dudley, Mark A	0.00	2,846.73	2,846.73
3527	02/02/2018	Regular	1039	Flores, Elizabeth	0.00	2,105.57	2,105.57
3528	02/02/2018	Regular	1018	Prasad, Suresh	0.00	4,081.22	4,081.22
3529	02/02/2018	Regular	1019	Reyes, Sara C	0.00	1,815.26	1,815.26
3530	02/02/2018	Regular	1002	Bekker, Mark	0.00	1,896.67	1,896.67
3531	02/02/2018	Regular	1005	Christensen, Thomas T	0.00	3,188.61	3,188.61
3532	02/02/2018	Regular	1042	Hamilton, Maureen C.	0.00	2,990.23	2,990.23
3533	02/02/2018	Regular	1008	Hampson, Larry M	0.00	3,081.65	3,081.65
3534	02/02/2018	Regular	1009	James, Gregory W	0.00	3,289.49	3,289.49
3535	02/02/2018	Regular	1011	Lear, Jonathan P	0.00	3,723.11	3,723.11
3536	02/02/2018	Regular	1012	Lindberg, Thomas L	0.00	2,362.99	2,362.99
3537	02/02/2018	Regular	1023	Stern, Henrietta L	0.00	684.92	684.92
3538	02/02/2018	Regular	6028	Atkins, Daniel N	0.00	781.86	781.86
3539	02/02/2018	Regular	6035	Besson, Jordan C.	0.00	439.47	439.47
3540	02/02/2018	Regular	1004	Chaney, Beverly M	0.00	2,492.37	2,492.37
3541	02/02/2018	Regular	1007	Hamilton, Cory R	0.00	2,231.71	2,231.71
3542	02/02/2018	Regular	1043	Suwada, Joseph	0.00	1,709.55	1,709.55
3543	02/02/2018	Regular	1026	Urquhart, Kevan A	0.00	2,217.46	2,217.46
3544	02/02/2018	Regular	1001	Ayala, Gabriela D	0.00	2,323.34	2,323.34
3545	02/02/2018	Regular	1041	Gonnerman, Maryan C	0.00	1,971.49	1,971.49
3546	02/02/2018	Regular	1010	Kister, Stephanie L	0.00	2,545.56	2,545.56
3547	02/02/2018	Regular	1017	Locke, Stephanie L	0.00	3,469.63	3,469.63
3548	02/02/2018	Regular	1014	Martin, Debra S	0.00	2,542.77	2,542.77
3549	02/02/2018	Regular	1040	Smith, Kyle	0.00	1,939.83	1,939.83
3550	02/16/2018	Regular	1024	Stoldt, David J	0.00	5,636.77	5,636.77
3551	02/16/2018	Regular	1025	Tavani, Arlene M	0.00	2,088.29	2,088.29
3552	02/16/2018	Regular	1044	Bennett, Corryn D	0.00	1,567.13	1,567.13
3553	02/16/2018	Regular	1006	Dudley, Mark A	0.00	2,846.75	2,846.75
3554	02/16/2018	Regular	1039	Flores, Elizabeth	0.00	2,105.61	2,105.61
3555	02/16/2018	Regular	1018	Prasad, Suresh	0.00	4,081.26	4,081.26
3556	02/16/2018	Regular	1019	Reyes, Sara C	0.00	1,815.30	1,815.30
3557	02/16/2018	Regular	1002	Bekker, Mark	0.00	1,896.70	1,896.70
3558	02/16/2018	Regular	1005	Christensen, Thomas T	0.00	3,188.65	3,188.65
3559	02/16/2018	Regular	1042	Hamilton, Maureen C.	0.00	2,990.27	2,990.27
3560	02/16/2018	Regular	1008	Hampson, Larry M	0.00	3,081.69	3,081.69
3561	02/16/2018	Regular	1009	James, Gregory W	0.00	3,289.54	3,289.54
3562	02/16/2018	Regular	1011	Lear, Jonathan P	0.00	3,723.15	3,723.15
3563	02/16/2018	Regular	1012	Lindberg, Thomas L	0.00	2,634.25	2,634.25
3564	02/16/2018	Regular	1023	Stern, Henrietta L	0.00	608.81	608.81
3565	02/16/2018	Regular	6035	Besson, Jordan C.	0.00	535.80	535.80
3566	02/16/2018	Regular	1004	Chaney, Beverly M	0.00	2,492.41	2,492.41
3567	02/16/2018	Regular	1007	Hamilton, Cory R	0.00	2,231.74	2,231.74
3568	02/16/2018	Regular	1043	Suwada, Joseph	0.00	1,709.57	1,709.57
3569	02/16/2018	Regular	1026	Urquhart, Kevan A	0.00	2,217.49	2,217.49
3570	02/16/2018	Regular	1001	Ayala, Gabriela D	0.00	2,323.37	2,323.37
3571	02/16/2018	Regular	1041	Gonnerman, Maryan C	0.00	1,971.53	1,971.53
3572	02/16/2018	Regular	1010	Kister, Stephanie L	0.00	2,545.58	2,545.58
3573	02/16/2018	Regular	1017	Locke, Stephanie L	0.00	3,469.67	3,469.67
3574	02/16/2018	Regular	1014	Martin, Debra S	0.00	2,542.82	2,542.82
3575	02/16/2018	Regular	1040	Smith, Kyle	0.00	1,939.88	1,939.88
3576	02/23/2018	Regular	7015	Adams, Mary L	0.00	124.67	124.67
3577	02/23/2018	Regular	7013	Clarke, Andrew	0.00	439.11	439.11
3578	02/23/2018	Regular	7014	Evans, Molly F	0.00	249.34	249.34
3579	02/23/2018	Regular	7003	Lewis, Brenda	0.00	124.67	124.67

**EXHIBIT 8-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>98 Total Payment</b>
31575	02/23/2018	Regular	7006	Brower, Sr., Robert S	249.34	0.00	249.34
31576	02/23/2018	Regular	7007	Byrne, Jeannie	374.02	0.00	374.02
31577	02/23/2018	Regular	7016	Rubio, Ralph S	124.67	0.00	124.67
<b>Totals:</b>					<b>748.03</b>	<b>132,495.40</b>	<b>133,243.43</b>



Monterey Peninsula Water Management Dist

# Bank Transaction Report

## Transaction Detail

Issued Date Range: 02/01/2018 - 02/28/2018

Cleared Date Range: -

Issued Date	Cleared Date	Number	Description	Module	Status	Type	Amount
<b>Accounts Payable</b>							
02/02/2018	02/28/2018	<a href="#">DFT0001074</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-10,923.98
02/02/2018	02/28/2018	<a href="#">DFT0001075</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-2,664.70
02/02/2018	02/28/2018	<a href="#">DFT0001076</a>	Employment Development Dept.	Accounts Payable	Cleared	Bank Draft	-4,417.54
02/02/2018	02/28/2018	<a href="#">DFT0001077</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-303.04
02/15/2018	02/28/2018	<a href="#">DFT0001100</a>	Laborers Trust Fund of Northern CA	Accounts Payable	Cleared	Bank Draft	-28,550.00
02/16/2018	02/28/2018	<a href="#">DFT0001080</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-10,889.06
02/16/2018	02/28/2018	<a href="#">DFT0001081</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-2,637.92
02/16/2018	02/28/2018	<a href="#">DFT0001082</a>	Employment Development Dept.	Accounts Payable	Cleared	Bank Draft	-4,441.87
02/16/2018	02/28/2018	<a href="#">DFT0001083</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-188.48
02/23/2018	02/28/2018	<a href="#">DFT0001085</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-59.58
02/23/2018	02/28/2018	<a href="#">DFT0001086</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-54.84
02/23/2018	02/28/2018	<a href="#">DFT0001087</a>	I.R.S.	Accounts Payable	Cleared	Bank Draft	-234.36
02/27/2018	02/28/2018	<a href="#">DFT0001101</a>	PERS Retirement	Accounts Payable	Cleared	Bank Draft	-394.05
02/27/2018	02/28/2018	<a href="#">DFT0001107</a>	PERS Retirement	Accounts Payable	Cleared	Bank Draft	-14,960.76
02/28/2018	02/28/2018	<a href="#">DFT0001108</a>	PERS Retirement	Accounts Payable	Cleared	Bank Draft	-14,949.75
02/28/2018	02/28/2018	<a href="#">DFT0001111</a>	PERS Retirement	Accounts Payable	Cleared	Bank Draft	-14,645.16
<b>Accounts Payable Total: (16)</b>							<b>-110,315.09</b>
<b>General Ledger</b>							
02/15/2018	02/28/2018	<a href="#">SVC0000142</a>	To Post Bank Service	General Ledger	Cleared	Service Charge	-309.55
<b>General Ledger Total: (1)</b>							<b>-309.55</b>
<b>Report Total: (17)</b>							<b>-110,624.64</b>

**EXHIBIT 8-D**

**Bank Transaction Report**

100  
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	-110,624.64
<b>Report Total:</b>	<b>17</b>	<b>-110,624.64</b>

<b>Cash Account</b>	<b>Count</b>	<b>Amount</b>
<a href="#">99 99-10-100100 Pool Cash Account</a>	17	-110,624.64
<b>Report Total:</b>	<b>17</b>	<b>-110,624.64</b>

<b>Transaction Type</b>	<b>Count</b>	<b>Amount</b>
Bank Draft	16	-110,315.09
Service Charge	1	-309.55
<b>Report Total:</b>	<b>17</b>	<b>-110,624.64</b>



Monterey Peninsula Water Management Dist

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

For Fiscal: 2017-2018 Period Ending: 02/28/2018

Level...	February Activity	February 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 %	2,059,657	3,400,000	-1,340,343	60.58 %
R120 - Property Taxes Revenues	0	145,775	-145,775	0.00 %	1,057,937	1,750,000	-692,063	60.45 %
R130 - User Fees	442,664	285,303	157,361	155.16 %	2,856,300	3,425,000	-568,700	83.40 %
R140 - Connection Charges	55,622	20,825	34,797	267.09 %	381,155	250,000	131,155	152.46 %
R150 - Permit Processing Fee	20,776	14,578	6,199	142.52 %	162,758	175,000	-12,242	93.00 %
R160 - Well Registration Fee	100	0	100	0.00 %	2,175	0	2,175	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 %	14,610	56,000	-41,390	26.09 %
R200 - Recording Fees	2,984	800	2,184	373.15 %	11,100	9,600	1,500	115.63 %
R210 - Legal Fees	600	1,333	-733	45.02 %	3,078	16,000	-12,922	19.24 %
R220 - Copy Fee	5	0	5	0.00 %	83	0	83	0.00 %
R230 - Miscellaneous - Other	204	1,666	-1,462	12.24 %	16,899	20,000	-3,101	84.49 %
R250 - Interest Income	999	1,666	-667	59.93 %	15,078	20,000	-4,922	75.39 %
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	23,315	41,650	-18,335	55.98 %	281,445	500,000	-218,555	56.29 %
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 %	32,691	74,600	-41,910	43.82 %
R308 - Reclamation Project	0	1,666	-1,666	0.00 %	0	20,000	-20,000	0.00 %
R309 - GWR Project Reimbursements	4,112,541	0	4,112,541	0.00 %	4,112,541	0	4,112,541	0.00 %
R310 - Other Reimbursements	0	2,441	-2,441	0.00 %	0	29,300	-29,300	0.00 %
R320 - Grants	20,000	104,125	-84,125	19.21 %	38,043	1,250,000	-1,211,957	3.04 %
R510 - Operating Reserve	0	71,130	-71,130	0.00 %	0	853,900	-853,900	0.00 %
<b>Total Revenue:</b>	<b>4,682,209</b>	<b>1,086,299</b>	<b>3,595,910</b>	<b>431.02 %</b>	<b>11,045,575</b>	<b>13,040,800</b>	<b>-1,995,225</b>	<b>84.70 %</b>

**EXHIBIT 8-E**

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

For Fiscal: 2017-2018 Period Ending: 02/28/2018

Level...	February Activity	February 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	190,325	208,417	18,092	91.32 %	1,545,001	2,502,000	956,999	61.75 %
1110 - Manager's Auto Allowance	462	500	38	92.34 %	2,308	6,000	3,692	38.46 %
1120 - Manager's Deferred Comp	677	700	23	96.74 %	3,385	8,400	5,015	40.29 %
1130 - Unemployment Compensation	0	250	250	0.00 %	0	3,000	3,000	0.00 %
1150 - Temporary Personnel	3,032	3,915	883	77.45 %	33,726	47,000	13,274	71.76 %
1160 - PERS Retirement	18,573	37,443	18,871	49.60 %	391,720	449,500	57,780	87.15 %
1170 - Medical Insurance	26,145	27,531	1,386	94.97 %	213,644	330,500	116,856	64.64 %
1180 - Medical Insurance - Retirees	7,790	6,747	-1,042	115.45 %	62,082	81,000	18,918	76.64 %
1190 - Workers Compensation	3,618	4,240	622	85.34 %	32,688	50,900	18,212	64.22 %
1200 - Life Insurance	349	450	101	77.48 %	2,608	5,400	2,793	48.29 %
1210 - Long Term Disability Insurance	1,121	1,200	79	93.45 %	9,083	14,400	5,317	63.08 %
1220 - Short Term Disability Insurance	223	275	52	80.95 %	1,803	3,300	1,497	54.63 %
1230 - Other Benefits	80	100	20	80.03 %	1,026	1,200	174	85.50 %
1260 - Employee Assistance Program	56	125	69	45.14 %	461	1,500	1,039	30.71 %
1270 - FICA Tax Expense	430	566	137	75.90 %	4,077	6,800	2,723	59.96 %
1280 - Medicare Tax Expense	2,694	3,107	413	86.72 %	23,465	37,300	13,835	62.91 %
1290 - Staff Development & Training	215	3,074	2,859	6.99 %	7,448	36,900	29,452	20.18 %
1300 - Conference Registration	0	283	283	0.00 %	2,636	3,400	764	77.54 %
1310 - Professional Dues	69	258	189	26.72 %	1,375	3,100	1,725	44.35 %
1320 - Personnel Recruitment	0	167	167	0.00 %	242	2,000	1,758	12.10 %
<b>Total Level1: 100 - Personnel Costs:</b>	<b>255,858</b>	<b>299,347</b>	<b>43,489</b>	<b>85.47 %</b>	<b>2,338,775</b>	<b>3,593,600</b>	<b>1,254,825</b>	<b>65.08 %</b>
<b>Level1: 200 - Supplies and Services</b>								
2000 - Board Member Compensation	2,970	3,782	812	78.53 %	17,415	45,400	27,985	38.36 %
2020 - Board Expenses	0	666	666	0.00 %	4,808	8,000	3,192	60.10 %
2040 - Rent	1,838	1,933	95	95.11 %	14,981	23,200	8,219	64.57 %
2060 - Utilities	1,968	3,232	1,264	60.88 %	21,081	38,800	17,719	54.33 %
2120 - Insurance Expense	0	3,749	3,749	0.00 %	2,823	45,000	42,177	6.27 %
2130 - Membership Dues	665	2,882	2,217	23.07 %	27,289	34,600	7,311	78.87 %
2140 - Bank Charges	352	333	-18	105.52 %	3,141	4,000	859	78.52 %
2150 - Office Supplies	920	1,716	796	53.63 %	9,699	20,600	10,901	47.08 %
2160 - Courier Expense	352	675	323	52.17 %	3,641	8,100	4,459	44.95 %
2170 - Printing/Photocopy	0	783	783	0.00 %	490	9,400	8,910	5.21 %
2180 - Postage & Shipping	727	533	-194	136.42 %	3,945	6,400	2,455	61.64 %
2190 - IT Supplies/Services	10,157	8,330	-1,827	121.94 %	100,554	100,000	-554	100.55 %
2200 - Professional Fees	27,283	29,280	1,997	93.18 %	216,252	351,500	135,248	61.52 %
2220 - Equipment Repairs & Maintenance	0	625	625	0.00 %	2,928	7,500	4,572	39.03 %
2235 - Equipment Lease	947	1,166	219	81.22 %	8,533	14,000	5,467	60.95 %
2240 - Telephone	4,958	3,798	-1,159	130.52 %	29,251	45,600	16,349	64.15 %
2260 - Facility Maintenance	5,240	3,565	-1,675	146.98 %	23,375	42,800	19,425	54.61 %
2270 - Travel Expenses	1,244	2,882	1,639	43.15 %	11,301	34,600	23,299	32.66 %



**EXHIBIT 8-E**

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

For Fiscal: 2017-2018 Period Ending: 02/28/2018

Level...	February Activity	February Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
2280 - Transportation	4,624	2,216	-2,408	208.69 %	22,174	26,600	4,426	83.36 %
2300 - Legal Services	38,130	33,320	-4,810	114.43 %	197,057	400,000	202,943	49.26 %
2380 - Meeting Expenses	77	533	457	14.35 %	1,486	6,400	4,914	23.22 %
2420 - Legal Notices	0	308	308	0.00 %	0	3,700	3,700	0.00 %
2460 - Public Outreach	355	3,807	3,452	9.32 %	1,946	45,700	43,754	4.26 %
2480 - Miscellaneous	0	250	250	0.00 %	398	3,000	2,602	13.26 %
2500 - Tax Administration Fee	0	1,666	1,666	0.00 %	0	20,000	20,000	0.00 %
2900 - Operating Supplies	1,415	1,599	184	88.47 %	9,009	19,200	10,191	46.92 %
<b>Total Level1: 200 - Supplies and Services:</b>	<b>104,221</b>	<b>113,630</b>	<b>9,409</b>	<b>91.72 %</b>	<b>733,576</b>	<b>1,364,100</b>	<b>630,524</b>	<b>53.78 %</b>
<b>Level1: 300 - Other Expenses</b>								
3000 - Project Expenses	237,803	536,968	299,165	44.29 %	1,813,325	6,446,200	4,632,875	28.13 %
4000 - Fixed Asset Purchases	113,987	72,254	-41,733	157.76 %	122,470	867,400	744,930	14.12 %
5000 - Debt Service	0	19,159	19,159	0.00 %	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>351,791</b>	<b>673,322</b>	<b>321,532</b>	<b>52.25 %</b>	<b>2,009,676</b>	<b>8,083,100</b>	<b>6,073,424</b>	<b>24.86 %</b>
<b>Total Expense:</b>	<b>711,869</b>	<b>1,086,299</b>	<b>374,430</b>	<b>65.53 %</b>	<b>5,082,027</b>	<b>13,040,800</b>	<b>7,958,773</b>	<b>38.97 %</b>
<b>Report Total:</b>	<b>3,970,340</b>	<b>0</b>	<b>3,970,340</b>		<b>5,963,548</b>	<b>0</b>	<b>5,963,548</b>	

**EXHIBIT 8-E****Statement of Revenue Over Expense - No Decimals**

For Fiscal: 2017-2018 Period Ending: 02/28/2018

**Fund Summary**

<b>Fund</b>	<b>February Activity</b>	<b>February 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	82,100	0	82,100		556,786	0	556,786	
26 - CONSERVATION FUND	-68,394	0	-68,394		578,685	0	578,685	
35 - WATER SUPPLY FUND	3,956,634	0	3,956,634		4,828,077	0	4,828,077	
<b>Report Total:</b>	<b>3,970,340</b>	<b>0.02</b>	<b>3,970,340</b>		<b>5,963,548</b>	<b>0</b>	<b>5,963,548</b>	



Monterey Peninsula Water Management Dist

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

For Fiscal: 2017-2018 Period Ending: 02/28/2018

Level...	February Activity	February 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 %	396,575	656,000	-259,425	60.45 %
R130 - User Fees	255,817	192,215	63,602	133.09 %	1,647,221	2,307,500	-660,279	71.39 %
R160 - Well Registration Fee	100	0	100	0.00 %	2,175	0	2,175	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 %	14,610	56,000	-41,390	26.09 %
R230 - Miscellaneous - Other	0	833	-833	0.00 %	15,000	10,000	5,000	150.00 %
R250 - Interest Income	341	208	133	163.67 %	3,478	2,500	978	139.11 %
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 %	18,043	950,000	-931,957	1.90 %
R510 - Operating Reserve	0	8,538	-8,538	0.00 %	0	102,500	-102,500	0.00 %
<b>Total Revenue:</b>	<b>258,658</b>	<b>343,229</b>	<b>-84,572</b>	<b>-75.36 %</b>	<b>2,097,127</b>	<b>4,120,400</b>	<b>-2,023,273</b>	<b>50.90 %</b>

**EXHIBIT 8-E**

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

For Fiscal: 2017-2018 Period Ending: 02/28/2018

Level...	February Activity	February 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	72,526	82,034	9,508	88.41 %	623,219	984,800	361,581	63.28 %
1110 - Manager's Auto Allowance	92	100	8	92.34 %	462	1,200	739	38.46 %
1120 - Manager's Deferred Comp	135	142	6	95.60 %	677	1,700	1,023	39.82 %
1130 - Unemployment Compensation	0	100	100	0.00 %	0	1,200	1,200	0.00 %
1150 - Temporary Personnel	0	67	67	0.00 %	2,970	800	-2,170	371.20 %
1160 - PERS Retirement	7,209	15,627	8,418	46.13 %	163,876	187,600	23,724	87.35 %
1170 - Medical Insurance	9,985	11,204	1,219	89.12 %	86,600	134,500	47,900	64.39 %
1180 - Medical Insurance - Retirees	3,116	2,699	-417	115.45 %	24,925	32,400	7,475	76.93 %
1190 - Workers Compensation	2,095	2,499	404	83.83 %	20,209	30,000	9,791	67.36 %
1200 - Life Insurance	140	200	60	70.13 %	1,170	2,400	1,230	48.74 %
1210 - Long Term Disability Insurance	433	483	50	89.56 %	3,697	5,800	2,103	63.73 %
1220 - Short Term Disability Insurance	86	108	22	79.33 %	734	1,300	566	56.46 %
1230 - Other Benefits	32	42	10	76.83 %	410	500	90	82.08 %
1260 - Employee Assistance Program	22	50	28	43.32 %	187	600	413	31.24 %
1270 - FICA Tax Expense	290	242	-48	119.90 %	3,247	2,900	-347	111.96 %
1280 - Medicare Tax Expense	1,074	1,216	142	88.34 %	9,993	14,600	4,607	68.45 %
1290 - Staff Development & Training	-295	991	1,286	-29.76 %	2,768	11,900	9,132	23.26 %
1300 - Conference Registration	0	117	117	0.00 %	803	1,400	597	57.33 %
1310 - Professional Dues	28	67	39	41.42 %	532	800	268	66.49 %
1320 - Personnel Recruitment	0	67	67	0.00 %	97	800	703	12.10 %
<b>Total Level1: 100 - Personnel Costs:</b>	<b>96,967</b>	<b>118,053</b>	<b>21,086</b>	<b>82.14 %</b>	<b>946,574</b>	<b>1,417,200</b>	<b>470,626</b>	<b>66.79 %</b>
<b>Level1: 200 - Supplies and Services</b>								
2000 - Board Member Compensation	1,188	1,516	328	78.36 %	6,966	18,200	11,234	38.27 %
2020 - Board Expenses	0	267	267	0.00 %	1,923	3,200	1,277	60.10 %
2040 - Rent	840	883	43	95.10 %	6,828	10,600	3,772	64.42 %
2060 - Utilities	1,023	1,299	277	78.69 %	8,714	15,600	6,886	55.86 %
2120 - Insurance Expense	0	1,499	1,499	0.00 %	1,129	18,000	16,871	6.27 %
2130 - Membership Dues	266	908	642	29.30 %	9,643	10,900	1,257	88.47 %
2140 - Bank Charges	141	133	-8	105.73 %	1,348	1,600	252	84.27 %
2150 - Office Supplies	368	675	307	54.56 %	3,764	8,100	4,336	46.47 %
2160 - Courier Expense	141	267	126	52.82 %	1,456	3,200	1,744	45.51 %
2170 - Printing/Photocopy	0	150	150	0.00 %	56	1,800	1,744	3.13 %
2180 - Postage & Shipping	291	217	-74	134.32 %	1,655	2,600	945	63.66 %
2190 - IT Supplies/Services	4,079	3,332	-747	122.43 %	39,577	40,000	423	98.94 %
2200 - Professional Fees	10,913	11,712	799	93.18 %	85,365	140,600	55,235	60.72 %
2220 - Equipment Repairs & Maintenance	0	250	250	0.00 %	1,171	3,000	1,829	39.03 %
2235 - Equipment Lease	407	466	59	87.32 %	3,669	5,600	1,931	65.52 %
2240 - Telephone	1,865	1,516	-349	123.04 %	12,232	18,200	5,968	67.21 %
2260 - Facility Maintenance	2,096	1,449	-647	144.61 %	9,486	17,400	7,914	54.51 %
2270 - Travel Expenses	225	791	566	28.47 %	1,879	9,500	7,621	19.78 %

**EXHIBIT 8-E****Statement of Revenue Over Expense - No Decimals**

For Fiscal: 2017-2018 Period Ending: 02/28/2018

Level...	February Activity	February Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
2280 - Transportation	4,539	858	-3,681	529.08 %	20,856	10,300	-10,556	202.48 %
2300 - Legal Services	4,481	10,662	6,181	42.03 %	19,440	128,000	108,560	15.19 %
2380 - Meeting Expenses	37	200	163	18.30 %	550	2,400	1,850	22.91 %
2420 - Legal Notices	0	133	133	0.00 %	0	1,600	1,600	0.00 %
2460 - Public Outreach	142	1,524	1,382	9.31 %	650	18,300	17,650	3.55 %
2480 - Miscellaneous	0	100	100	0.00 %	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	171	183	12	93.40 %	359	2,200	1,841	16.33 %
<b>Total Level1: 200 - Supplies and Services:</b>	<b>33,214</b>	<b>41,475</b>	<b>8,261</b>	<b>80.08 %</b>	<b>238,871</b>	<b>497,900</b>	<b>259,029</b>	<b>47.98 %</b>
<b>Level1: 300 - Other Expenses</b>								
3000 - Project Expenses	29,279	149,199	119,920	19.62 %	331,661	1,791,100	1,459,439	18.52 %
4000 - Fixed Asset Purchases	17,098	16,443	-655	103.98 %	20,491	197,400	176,909	10.38 %
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>46,377</b>	<b>183,701</b>	<b>137,325</b>	<b>25.25 %</b>	<b>354,897</b>	<b>2,205,300</b>	<b>1,850,403</b>	<b>16.09 %</b>
<b>Total Expense:</b>	<b>176,558</b>	<b>343,229</b>	<b>166,671</b>	<b>51.44 %</b>	<b>1,540,341</b>	<b>4,120,400</b>	<b>2,580,059</b>	<b>37.38 %</b>
<b>Total Revenues</b>	<b>258,658</b>	<b>343,229</b>	<b>-84,572</b>	<b>-75.36 %</b>	<b>2,097,127</b>	<b>4,120,400</b>	<b>-2,023,273</b>	<b>-50.90 %</b>
<b>Total Fund: 24 - MITIGATION FUND:</b>	<b>82,100</b>	<b>0</b>	<b>82,100</b>		<b>556,786</b>	<b>0</b>	<b>556,786</b>	

**EXHIBIT 8-E**

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**Statement of Revenue Over Expense - No Decimals****For Fiscal: 2017-2018 Period Ending: 02/28/2018**

Level...	February Activity	February 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 %	641,533	1,061,200	-419,667	60.45 %
R130 - User Fees	124,060	93,088	30,972	133.27 %	730,520	1,117,500	-386,980	65.37 %
R150 - Permit Processing Fee	20,776	14,578	6,199	142.52 %	162,758	175,000	-12,242	93.00 %
R200 - Recording Fees	2,984	800	2,184	373.15 %	11,100	9,600	1,500	115.63 %
R210 - Legal Fees	600	1,333	-733	45.02 %	3,078	16,000	-12,922	19.24 %
R250 - Interest Income	20	292	-272	6.72 %	5,284	3,500	1,784	150.97 %
R270 - CAW - Rebates	23,315	41,650	-18,335	55.98 %	281,445	500,000	-218,555	56.29 %
R320 - Grants	20,000	18,326	1,674	109.13 %	20,000	220,000	-200,000	9.09 %
R510 - Operating Reserve	0	200	-200	0.00 %	0	2,400	-2,400	0.00 %
<b>Total Revenue:</b>	<b>191,754</b>	<b>258,663</b>	<b>-66,909</b>	<b>-74.13 %</b>	<b>1,855,718</b>	<b>3,105,200</b>	<b>-1,249,482</b>	<b>59.76 %</b>

**EXHIBIT 8-E**

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

For Fiscal: 2017-2018 Period Ending: 02/28/2018

Level...	February Activity	February 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	45,800	53,662	7,862	85.35 %	365,788	644,200	278,412	56.78 %
1110 - Manager's Auto Allowance	92	100	8	92.34 %	462	1,200	739	38.46 %
1120 - Manager's Deferred Comp	135	142	6	95.60 %	677	1,700	1,023	39.82 %
1130 - Unemployment Compensation	0	67	67	0.00 %	0	800	800	0.00 %
1150 - Temporary Personnel	3,032	3,798	766	79.83 %	28,381	45,600	17,219	62.24 %
1160 - PERS Retirement	4,275	8,747	4,471	48.88 %	87,069	105,000	17,931	82.92 %
1170 - Medical Insurance	6,971	7,597	626	91.76 %	54,913	91,200	36,287	60.21 %
1180 - Medical Insurance - Retirees	2,181	1,891	-290	115.34 %	17,337	22,700	5,363	76.37 %
1190 - Workers Compensation	174	225	51	77.41 %	1,469	2,700	1,231	54.41 %
1200 - Life Insurance	85	100	15	85.43 %	595	1,200	605	49.57 %
1210 - Long Term Disability Insurance	285	325	40	87.76 %	2,243	3,900	1,657	57.51 %
1220 - Short Term Disability Insurance	57	75	18	75.50 %	446	900	454	49.52 %
1230 - Other Benefits	22	25	3	89.64 %	287	300	13	95.76 %
1260 - Employee Assistance Program	15	33	18	45.35 %	119	400	281	29.70 %
1270 - FICA Tax Expense	52	83	32	61.88 %	302	1,000	698	30.23 %
1280 - Medicare Tax Expense	666	800	133	83.31 %	5,567	9,600	4,033	57.98 %
1290 - Staff Development & Training	510	1,191	681	42.81 %	3,240	14,300	11,060	22.66 %
1300 - Conference Registration	0	67	67	0.00 %	1,192	800	-392	148.98 %
1310 - Professional Dues	19	125	106	15.46 %	763	1,500	737	50.90 %
1320 - Personnel Recruitment	0	50	50	0.00 %	68	600	532	11.29 %
<b>Total Level1: 100 - Personnel Costs:</b>	<b>64,373</b>	<b>79,102</b>	<b>14,729</b>	<b>81.38 %</b>	<b>570,917</b>	<b>949,600</b>	<b>378,683</b>	<b>60.12 %</b>
<b>Level1: 200 - Supplies and Services</b>								
2000 - Board Member Compensation	832	1,058	226	78.61 %	4,876	12,700	7,824	38.40 %
2020 - Board Expenses	0	183	183	0.00 %	1,346	2,200	854	61.19 %
2040 - Rent	222	233	11	95.20 %	1,854	2,800	946	66.21 %
2060 - Utilities	121	883	762	13.69 %	5,346	10,600	5,254	50.43 %
2120 - Insurance Expense	0	1,050	1,050	0.00 %	790	12,600	11,810	6.27 %
2130 - Membership Dues	186	1,250	1,063	14.90 %	9,936	15,000	5,064	66.24 %
2140 - Bank Charges	99	92	-7	107.69 %	768	1,100	332	69.78 %
2150 - Office Supplies	258	491	234	52.43 %	2,904	5,900	2,996	49.23 %
2160 - Courier Expense	99	192	93	51.44 %	1,059	2,300	1,241	46.02 %
2170 - Printing/Photocopy	0	508	508	0.00 %	39	6,100	6,061	0.65 %
2180 - Postage & Shipping	204	142	-62	143.80 %	1,068	1,700	632	62.85 %
2190 - IT Supplies/Services	2,836	2,332	-503	121.58 %	27,665	28,000	335	98.80 %
2200 - Professional Fees	7,639	8,197	558	93.20 %	59,678	98,400	38,722	60.65 %
2220 - Equipment Repairs & Maintenance	0	175	175	0.00 %	820	2,100	1,280	39.03 %
2235 - Equipment Lease	227	325	98	69.98 %	2,071	3,900	1,829	53.11 %
2240 - Telephone	1,744	1,016	-728	171.65 %	8,195	12,200	4,005	67.17 %
2260 - Facility Maintenance	1,467	933	-534	157.26 %	6,434	11,200	4,766	57.44 %
2270 - Travel Expenses	834	1,416	582	58.88 %	3,053	17,000	13,947	17.96 %

**EXHIBIT 8-E**

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**Statement of Revenue Over Expense - No Decimals****For Fiscal: 2017-2018 Period Ending: 02/28/2018**

Level...	February Activity	February Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
2280 - Transportation	15	500	485	3.00 %	546	6,000	5,454	9.10 %
2300 - Legal Services	3,179	5,998	2,818	53.01 %	20,765	72,000	51,235	28.84 %
2380 - Meeting Expenses	19	175	156	10.65 %	456	2,100	1,644	21.72 %
2420 - Legal Notices	0	58	58	0.00 %	0	700	700	0.00 %
2460 - Public Outreach	99	1,066	967	9.32 %	627	12,800	12,173	4.90 %
2480 - Miscellaneous	0	67	67	0.00 %	106	800	694	13.26 %
2500 - Tax Administration Fee	0	475	475	0.00 %	0	5,700	5,700	0.00 %
2900 - Operating Supplies	1,107	1,266	159	87.41 %	8,347	15,200	6,853	54.92 %
<b>Total Level1: 200 - Supplies and Services:</b>	<b>21,186</b>	<b>30,080</b>	<b>8,894</b>	<b>70.43 %</b>	<b>168,751</b>	<b>361,100</b>	<b>192,349</b>	<b>46.73 %</b>
<b>Level1: 300 - Other Expenses</b>								
3000 - Project Expenses	94,798	96,886	2,088	97.84 %	453,277	1,163,100	709,823	38.97 %
4000 - Fixed Asset Purchases	79,791	42,150	-37,641	189.30 %	82,166	506,000	423,834	16.24 %
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>174,589</b>	<b>149,482</b>	<b>-25,107</b>	<b>116.80 %</b>	<b>537,365</b>	<b>1,794,500</b>	<b>1,257,135</b>	<b>29.95 %</b>
<b>Total Expense:</b>	<b>260,148</b>	<b>258,663</b>	<b>-1,485</b>	<b>100.57 %</b>	<b>1,277,033</b>	<b>3,105,200</b>	<b>1,828,167</b>	<b>41.13 %</b>
<b>Total Revenues</b>	<b>191,754</b>	<b>258,663</b>	<b>-66,909</b>	<b>-74.13 %</b>	<b>1,855,718</b>	<b>3,105,200</b>	<b>-1,249,482</b>	<b>-59.76 %</b>
<b>Total Fund: 26 - CONSERVATION FUND:</b>	<b>-68,394</b>	<b>0</b>	<b>-68,394</b>		<b>578,685</b>	<b>0</b>	<b>578,685</b>	



**EXHIBIT 8-E**

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**Statement of Revenue Over Expense - No Decimals****For Fiscal: 2017-2018 Period Ending: 02/28/2018**

Level...	February Activity	February 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 %	2,059,657	3,400,000	-1,340,343	60.58 %
R120 - Property Taxes Revenues	0	2,732	-2,732	0.00 %	19,829	32,800	-12,971	60.45 %
R130 - User Fees	62,786	0	62,786	0.00 %	478,559	0	478,559	0.00 %
R140 - Connection Charges	55,622	20,825	34,797	267.09 %	381,155	250,000	131,155	152.46 %
R220 - Copy Fee	5	0	5	0.00 %	83	0	83	0.00 %
R230 - Miscellaneous - Other	204	833	-629	24.48 %	1,899	10,000	-8,101	18.99 %
R250 - Interest Income	638	1,166	-528	54.71 %	6,317	14,000	-7,683	45.12 %
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 %	32,691	74,600	-41,910	43.82 %
R308 - Reclamation Project	0	1,666	-1,666	0.00 %	0	20,000	-20,000	0.00 %
R309 - GWR Project Reimbursements	4,112,541	0	4,112,541	0.00 %	4,112,541	0	4,112,541	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>4,231,797</b>	<b>484,406</b>	<b>3,747,390</b>	<b>-873.61 %</b>	<b>7,092,730</b>	<b>5,815,200</b>	<b>1,277,530</b>	<b>121.97 %</b>

**EXHIBIT 8-E**

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

**For Fiscal: 2017-2018 Period Ending: 02/28/2018**

Level...	February Activity	February Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
<b>Expense</b>								
<b>Level1: 100 - Personnel Costs</b>								
1100 - Salaries & Wages	71,999	72,721	722	99.01 %	555,994	873,000	317,006	63.69 %
1110 - Manager's Auto Allowance	277	300	23	92.34 %	1,385	3,600	2,215	38.46 %
1120 - Manager's Deferred Comp	406	417	10	97.52 %	2,031	5,000	2,969	40.62 %
1130 - Unemployment Compensation	0	83	83	0.00 %	0	1,000	1,000	0.00 %
1150 - Temporary Personnel	0	50	50	0.00 %	2,376	600	-1,776	395.94 %
1160 - PERS Retirement	7,088	13,070	5,982	54.23 %	140,774	156,900	16,126	89.72 %
1170 - Medical Insurance	9,189	8,730	-460	105.26 %	72,132	104,800	32,668	68.83 %
1180 - Medical Insurance - Retirees	2,493	2,157	-335	115.54 %	19,820	25,900	6,080	76.53 %
1190 - Workers Compensation	1,349	1,516	167	89.00 %	11,010	18,200	7,190	60.49 %
1200 - Life Insurance	123	150	27	81.97 %	843	1,800	957	46.83 %
1210 - Long Term Disability Insurance	403	392	-12	102.99 %	3,144	4,700	1,556	66.88 %
1220 - Short Term Disability Insurance	80	92	12	87.31 %	623	1,100	477	56.66 %
1230 - Other Benefits	26	33	8	76.83 %	328	400	72	82.08 %
1260 - Employee Assistance Program	20	42	22	47.15 %	154	500	346	30.87 %
1270 - FICA Tax Expense	89	242	153	36.72 %	528	2,900	2,372	18.21 %
1280 - Medicare Tax Expense	954	1,091	137	87.41 %	7,905	13,100	5,195	60.34 %
1290 - Staff Development & Training	0	891	891	0.00 %	1,440	10,700	9,260	13.46 %
1300 - Conference Registration	0	100	100	0.00 %	642	1,200	558	53.51 %
1310 - Professional Dues	22	67	45	33.13 %	79	800	721	9.92 %
1320 - Personnel Recruitment	0	50	50	0.00 %	77	600	523	12.91 %
<b>Total Level1: 100 - Personnel Costs:</b>	<b>94,518</b>	<b>102,192</b>	<b>7,674</b>	<b>92.49 %</b>	<b>821,285</b>	<b>1,226,800</b>	<b>405,515</b>	<b>66.95 %</b>
<b>Level1: 200 - Supplies and Services</b>								
2000 - Board Member Compensation	950	1,208	257	78.69 %	5,573	14,500	8,927	38.43 %
2020 - Board Expenses	0	217	217	0.00 %	1,539	2,600	1,062	59.17 %
2040 - Rent	776	816	40	95.09 %	6,299	9,800	3,501	64.27 %
2060 - Utilities	824	1,050	225	78.53 %	7,021	12,600	5,579	55.72 %
2120 - Insurance Expense	0	1,200	1,200	0.00 %	903	14,400	13,497	6.27 %
2130 - Membership Dues	213	725	512	29.36 %	7,710	8,700	990	88.62 %
2140 - Bank Charges	112	108	-4	103.43 %	1,025	1,300	275	78.84 %
2150 - Office Supplies	294	550	255	53.57 %	3,030	6,600	3,570	45.92 %
2160 - Courier Expense	113	217	104	52.01 %	1,126	2,600	1,474	43.31 %
2170 - Printing/Photocopy	0	125	125	0.00 %	394	1,500	1,106	26.26 %
2180 - Postage & Shipping	233	175	-58	133.04 %	1,221	2,100	879	58.15 %
2190 - IT Supplies/Services	3,242	2,666	-576	121.63 %	33,313	32,000	-1,313	104.10 %
2200 - Professional Fees	8,731	9,371	641	93.16 %	71,208	112,500	41,292	63.30 %
2220 - Equipment Repairs & Maintenance	0	200	200	0.00 %	937	2,400	1,463	39.03 %
2235 - Equipment Lease	313	375	62	83.39 %	2,793	4,500	1,707	62.06 %
2240 - Telephone	1,348	1,266	-82	106.46 %	8,824	15,200	6,376	58.05 %
2260 - Facility Maintenance	1,677	1,183	-494	141.76 %	7,455	14,200	6,745	52.50 %
2270 - Travel Expenses	184	675	490	27.34 %	6,369	8,100	1,731	78.63 %

**EXHIBIT 8-E**

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**Statement of Revenue Over Expense - No Decimals****For Fiscal: 2017-2018 Period Ending: 02/28/2018**

Level...	February Activity	February Budget	Variance Favorable (Unfavorable)	Percent Used	YTD Activity	Total Budget	Variance Favorable (Unfavorable)	Percent Used
2280 - Transportation	70	858	788	8.11 %	772	10,300	9,528	7.50 %
2300 - Legal Services	30,469	16,660	-13,809	182.89 %	156,851	200,000	43,149	78.43 %
2380 - Meeting Expenses	21	158	137	13.45 %	480	1,900	1,420	25.26 %
2420 - Legal Notices	0	117	117	0.00 %	0	1,400	1,400	0.00 %
2460 - Public Outreach	114	1,216	1,103	9.34 %	668	14,600	13,932	4.58 %
2480 - Miscellaneous	0	83	83	0.00 %	140	1,000	860	14.02 %
2500 - Tax Administration Fee	0	708	708	0.00 %	0	8,500	8,500	0.00 %
2900 - Operating Supplies	137	150	13	91.32 %	302	1,800	1,498	16.79 %
<b>Total Level1: 200 - Supplies and Services:</b>	<b>49,820</b>	<b>42,075</b>	<b>-7,745</b>	<b>118.41 %</b>	<b>325,954</b>	<b>505,100</b>	<b>179,146</b>	<b>64.53 %</b>
<b>Level1: 300 - Other Expenses</b>								
3000 - Project Expenses	113,727	290,884	177,157	39.10 %	1,028,387	3,492,000	2,463,613	29.45 %
4000 - Fixed Asset Purchases	17,098	13,661	-3,437	125.16 %	19,812	164,000	144,188	12.08 %
5000 - Debt Service	0	19,159	19,159	0.00 %	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>130,825</b>	<b>340,139</b>	<b>209,314</b>	<b>38.46 %</b>	<b>1,117,414</b>	<b>4,083,300</b>	<b>2,965,886</b>	<b>27.37 %</b>
<b>Total Expense:</b>	<b>275,163</b>	<b>484,406</b>	<b>209,243</b>	<b>56.80 %</b>	<b>2,264,653</b>	<b>5,815,200</b>	<b>3,550,547</b>	<b>38.94 %</b>
<b>Total Revenues</b>	<b>4,231,797</b>	<b>484,406</b>	<b>3,747,390</b>	<b>-873.61 %</b>	<b>7,092,730</b>	<b>5,815,200</b>	<b>1,277,530</b>	<b>-121.97 %</b>
<b>Total Fund: 35 - WATER SUPPLY FUND:</b>	<b>3,956,634</b>	<b>0</b>	<b>3,956,634</b>		<b>4,828,077</b>	<b>0</b>	<b>4,828,077</b>	
<b>Report Total:</b>	<b>3,970,340</b>	<b>0</b>	<b>3,970,340</b>		<b>5,963,548</b>	<b>0</b>	<b>5,963,548</b>	

**EXHIBIT 8-E**

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

**Fund Summary**

<b>Fund</b>	<b>February Activity</b>	<b>February 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	82,100	0	82,100		556,786	0	556,786	
26 - CONSERVATION FUND	-68,394	0	-68,394		578,685	0	578,685	
35 - WATER SUPPLY FUND	3,956,634	0	3,956,634		4,828,077	0	4,828,077	
<b>Report Total:</b>	<b>3,970,340</b>	<b>0.02</b>	<b>3,970,340</b>		<b>5,963,548</b>	<b>0</b>	<b>5,963,548</b>	

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.



DRAFT AGENDA (4/5/18)

**Board of Directors**

**Monterey Peninsula Water Management District**

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**Monday, April 16, 2018**

**Closed Session – 6:30 pm**

**Regular Meeting – 7:00 pm**

Conference Room, Monterey Peninsula Water Management District  
5 Harris Court, Building G, Monterey, CA

Staff notes will be available on the District web site at

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

by 5 PM on Friday, April 13, 2018

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

### 6:30 PM – Closed Session

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

1. **Public Comment** – Members of the public may address the Board on the item or items listed on the Closed Session agenda.
2. **Adjourn to Closed Session**
3. **Conference with Legal Counsel – Existing Litigation (Gov. Code 54956.9 (a))**
  - A. MPTA v. MPWMD; Monterey Superior Court No. M 123512; CA 6th District Court of Appeal Case No. H042484
  - B. Application of California American Water to CPUC (No. 12-04-019) – Monterey Peninsula Water Supply Project
  - C. MPWMD v. SWRCB; Santa Clara 1-10-CV-163328 – CDO – (6th District Appellate Case #H039455)
4. **Adjourn to 7 pm Session**

### 7:00 PM – Regular Meeting

#### CALL TO ORDER/ROLL CALL

##### 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 \_\_\_\_\_, 2018. Staff reports regarding these agenda items will be available for public review on 2/16/2018, 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 May 21, 2018 at 7 pm.

## 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. The Consider Calendar items do not constitute a project as defined by CEQA Guidelines section 15378, unless otherwise noted.

1. Consider Adoption of Minutes from the March 19, 2018 Regular Meeting of the Board of Directors
2. Consider Adoption of Findings of Approval - Appeal Tea Zone & Fruit Bar - 460 Alvarado Street, Monterey (APN: 001-572-005-000)
3. Consider Expenditure of Funds to Contract with Ventana Wildlife Society for Carmel River Avian Habitat Monitoring
4. Consider Entering into Agreements with California American Water and Denise Duffy & Associates for the Los Padres Dam Gravel Augmentation Project
5. Consider Authorizing an Amendment to the Agreement for Services for the Los Padres Dam and Reservoir Alternatives Study
6. Authorize Additional Expenditure for Passive Integrated Transponder (PIT) Tag Reading Equipment to Monitor Juvenile Steelhead Emigration and Eventual Adult Returns
7. Consider Entering into an Agreement with the Big Sur Land Trust to Fund an Update of the Integrated Regional Water Management Plan for the Monterey Peninsula, Carmel Bay, and Southern Monterey Bay
8. Consider Adoption of 2017 MPWMD Mitigation Program Annual Report
9. Consider Adoption of Treasurer's Report for February 2018

## GENERAL MANAGER'S REPORT

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

## ATTORNEY'S REPORT

12. Report on 6:30 pm Closed Session of the Board

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

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

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

### 14. Consider Adoption of 2017 MPWMD Annual Report

Not a project, CEQA Guidelines §15378

*Action:* The District's enabling legislation requires that a public hearing be conducted on the Annual Report.

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

- 15. Consider Authorizations for Proposition 1 Disadvantaged Community Grant**  
 Not a project, CEQA Guidelines §15378; Existing facilities, Categorical Exemption, §15301
  - (A) Consider Authorizing the General Manager to Enter into a Grant Agreement**
  - (B) Consider Expenditure of Funds to Retain a Consultant to Administer High Efficiency Appliance Retrofit Targets (HEART) Pilot Program**
  - (C) Consider Expenditure of Funds to Retain a Consultant to Provide Assistance with the MPWMD Disadvantaged Community Needs Assessment**

*Action: The Board will consider entering into agreements regarding receipt and utilization of grant funds from the Regional Water Management Foundation.*

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

- 16. Discuss Progress on Strategic Planning Goals**  
*No action will be taken. The Board will review progress on the Strategic Planning Goals adopted in April 2017.*

**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.

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

**ADJOURNMENT**

Board Meeting Broadcast Schedule – Comcast Channels 25 & 28	
View Live Webcast at <a href="http://Ampmedia.org">Ampmedia.org</a>	
Ch. 25, 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			
Monday, May 21, 2018	Regular Board Meeting	7:00 pm	District conference room
Monday, June 18, 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 Thursday, April 12, 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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