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 and February. The meetings begin at 6:00 PM.

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT

Agenda
Regular Meeting
Board of Directors
Monterey Peninsula Water Management District
****
Monday, April 19, 2021, 6:00 PM, Virtual Meeting

Pursuant to Governor Newsom's Executive Orders N-29-20 and N-33-20, and to do all we can to help slow the spread of COVID-19 (coronavirus), meetings of the Monterey Peninsula Water Management District Board of Directors and committees will be conducted with virtual (electronic) participation only using Zoom.

Join the meeting at this link:
https://zoom.us/j/96566093869?pwd=aWp3QUhNWGhFSUJOUi9FNVdmbDRGQT09

Or join at: https://zoom.us/
Webinar ID: 965 6609 3869
Passcode: 04192021
Participate by phone: (669) 900-9128

For detailed instructions on how to connect to the meeting, please see page 4 of this agenda.

You may also view the live webcast on AMP https://accessmediaproductions.org/
scroll down to the bottom of the page and select the Peninsula Channel

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 16, 2021

CALL TO ORDER / ROLL CALL

PLEDGE OF ALLEGIANCE

ADDITIONS AND CORRECTIONS TO AGENDA - The General Manager 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.

Board of Directors
Alvin Edwards, Chair – Division 1
Karen Paull, Vice Chair – Division 4
George Riley – Division 2
Safwat Malek – Division 3
Amy Anderson – Division 5
Mary L. Adams, Monterey County
Board of Supervisors Representative
Clyde Roberson – Mayoral Representative

General Manager
David J. Stoldt

This agenda was posted at the District office at 5 Harris Court, Bldg. G Monterey on April 16, 2021. After staff reports have been posted and 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 posted on the District website. Documents distributed on the afternoon of the meeting will be available upon request, and posted to the web within five days of adjournment of the meeting. The next meeting of the Board is set for Monday, May 17, 2021 at 6 pm.

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. Unless noted with double asterisks "**", Consent Calendar items do not constitute a project as defined by CEQA Guidelines section 15378.

1. Consider Adoption of Minutes from the February 25, 2021 Regular Meeting, March 12, 2021 Special Meeting and March 26, 2021 Special Meeting
2. Consider Adoption of Treasurer's Report for February, 2021
3. Receive and File District-Wide Annual Water Distribution System Production Summary Report for Water Year 2020
4. Receive and File District-Wide Annual Water Production Summary Report for Water Year 2020
5. Receive Fiscal Year 2019-2020 Mitigation Program Annual Report
6. Consider Approval of RJA Management Services Contract Amendment
7. Consider Recommendation to the Board to Approve an Extension of the City of Seaside Local Water Project Grant
8. Consider Expenditure of Funds to Maintain the Access Road to the Sleepy Hollow Steelhead Rearing Facility
9. Consider Expenditure of Funds to Improve Cooling Tower and Rearing Channel Operations at the Sleepy Hollow Steelhead Rearing Facility

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

REPORT FROM DISTRICT COUNSEL

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

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

PUBLIC HEARINGS- Public Comment will be received. Please limit your comments to three (3) minutes per item.

12. Consider Adoption of Urgency Ordinance No. 188 – An Ordinance of the Board of Directors of the Monterey Peninsula Water Management District Temporarily Suspending Rules 20-B-6 and 24-B-1-i Pertaining to Exterior Restaurant Seating and the Relocation/Expansion of Group II and Wine Tasting Rooms in Response to California's Blueprint for a Safer Economy
    Recommended Action: The Board will consider an ordinance that extends the temporary suspension on the limitation on the number of outdoor restaurants seats allowed without requiring a Water Permit and that adds language recognizing other uses required to operate outdoors by California's Blueprint for a Safer Economy.

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

13. Consider Adoption of Strategic Planning Goals
    Recommended Action: The Board will review, discuss, edit as necessary, and adopt the proposed strategic planning goals and objectives, as well as the proposed revised Mission, Vision, and Values.

14. Consider Authorization for General Manager to Amend Contract for Los Padres Dam Alternatives Study
Recommended Action: The Board should authorize and approve the budget amendment request received from AECOM for the Los Padres Dam & Reservoir Alternatives & Sediment Management Study, AECOM Project No. 60536296 not to exceed $94,220. It is important to note that Cal-Am has agreed to reimburse the District and fund this budget amendment request.

DISCUSSION ITEMS- Discussion Only. No action will be taken by the Board. Public Comment will be received. Please limit your comments to three (3) minutes per item.

15. Update on Integrated Regional Water Management Grant Status

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.

16. Status Report on Measure J / Rule 19.8 Phase II Spending
17. Report on Activity / Progress on Contracts Over $25,000
18. Letters Received Supplemental Letter Packet
19. Committee Reports
20. Monthly Allocation Report
21. Water Conservation Program Report
22. Carmel River Fishery Report for March, 2021
23. Monthly Water Supply and California American Water Production Report
24. Quarterly Carmel River Riparian Corridor Management Report
25. Quarterly Water Use Credit Transfer Status Report

ADJOURNMENT

Board Meeting Schedule			
Friday, May 17, 2021	Regular Meeting	6:00 pm	Virtual - Zoom
Monday, May 27, 2021	Special Meeting	6:00 pm	Virtual - Zoom
Monday, June 21, 2021	Regular Meeting	6:00 pm	Virtual – Zoom

Board Meeting Television and On-Line Broadcast Schedule **View Live Webcast at** https://accessmediaproductions.org/ **scroll to the bottom of the page and select the Peninsula Channel**	
Television Broadcast	**Viewing Area**
Comcast Ch. 25 (Monterey Channel), Mondays view live broadcast on meeting dates, and replays on Mondays, 7 pm through midnight	City of Monterey
Comcast Ch. 28, Mondays, replays only 7 pm	Throughout the Monterey County Government Television viewing area.
For Xfinity subscribers, go to https://www.xfinity.com/support/local-channel-lineup/ or https://www.xfinity.com/stream/listings - enter your address for the listings and channels specific to your city.	Pacific Grove, Pebble Beach, Sand City, Seaside, Monterey
Internet Broadcast	
Replays – Mondays, 4 pm to midnight at https://accessmediaproductions.org/ scroll to Peninsula Channel	
Replays – Mondays, 7 pm and Saturdays, 9 am www.mgtvonline.com	
YouTube – available five days following meeting date - https://www.youtube.com/channel/UCg-2VgzLBmgV8AaSK67BBRg	

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. Submit requests by 5 pm on Friday, April 16, 2021 to joel@mpwmd.net, or call (831) 658-5652.

Instructions for Connecting to the Zoom Meeting

Note: If you have not used Zoom previously, when you begin connecting to the meeting you may be asked to download the app. If you do not have a computer, you can participate by phone.

Begin: Within 10 minutes of the meeting start time from your computer click on this link: **https://zoom.us/j/96566093869?pwd=aWp3QUhNWGhFSUJOUi9FNVdmbDRGQT09** or paste the link into your browser.

DETERMINE WHICH DEVICE YOU WILL BE USING
(PROCEED WITH ONE OF THE FOLLOWING INSTRUCTIONS)

USING A DESKTOP COMPUTER OR LAPTOP
1.In a web browser, type: https://www.zoom.us
2.Hit the enter key
3.At the top right-hand corner, click on "Join a Meeting"
4.Where it says "Meeting ID", type in the Meeting ID# above and click "Join Meeting"
5.Your computer will begin downloading the Zoom application. Once downloaded, click "Run" and the application should automatically pop up on your computer. (If you are having trouble downloading, alternatively you can connect through a web browser – the same steps below will apply).
6.You will then be asked to input your name. It is imperative that you put in your first and last name, as participants and attendees should be able to easily identify who is communicating during the meeting.
7.From there, you will be asked to choose either ONE of two audio options: Phone Call or Computer Audio:

COMPUTER AUDIO
1.If you have built in computer audio settings or external video settings – please click "Test Speaker and Microphone".
2.The client will first ask "Do you hear a ringtone?" •If no, please select "Join Audio by Phone".
•If yes, proceed with the next question:

3.The client will then ask "Speak and pause, do you hear a replay?" •If no, please select "Join Audio by Phone"
•If yes, please proceed by clicking "Join with Computer Audio"

PHONE CALL
1.If you do not have built in computer audio settings or external video settings – please click "Phone Call"

2.Select a phone number based on your current location for better overall call quality.

+1 669-900-9128 (San Jose, CA)	+1 253-215-8782 (Houston, TX)
+1 346-248-7799 (Chicago, IL)	+1 301-715-8592 (New York, NY)

+1 312-626-6799 (Seattle, WA) +1 646-558-8656 (Maryland)

3.Once connected, it will ask you to enter the Webinar ID No. and press the pound key
4.It will then ask you to enter your participant ID number and press the pound key.
5.You are now connected to the meeting.

USING AN APPLE/ANDROID MOBILE DEVICE OR SMART PHONE
1.Download the Zoom application through the Apple Store or Google Play Store (the application is free).
2.Once download is complete, open the Zoom app.
3.Tap "Join a Meeting"
4.Enter the Meeting ID number
5.Enter your name. It is imperative that you put in your first and last name, as participants and attendees should be able to easily identify who is communicating during the meeting.
6.Tap "Join Meeting"
7.Tap "Join Audio" on the bottom left hand corner of your device
8.You may select either ONE of two options: "Call via Device Audio" or "Dial in"

DIAL IN
1.If you select "Dial in", you will be prompted to select a toll-free number to call into.
2. Select a phone number based on your current location for better overall call quality.
+1 669-900-9128 (San Jose, CA) +1 253-215-8782 (Houston, TX)

+1 346-248-7799 (Chicago, IL) +1 301-715-8592 (New York, NY)

+1 312-626-6799 (Seattle, WA) +1 646-558-8656 (Maryland)

3.The phone will automatically dial the number, and input the Webinar Meeting ID No. and your Password.
4.Do not hang up the call, and return to the Zoom app
5.You are now connected to the meeting.

Presenting Public Comment

Receipt of Public Comment – the Chair will ask for comments from the public on all items. Limit your comment to 3 minutes but the Chair could decide to set the time for 2 minutes.

(a) Computer Audio Connection: Select the "raised hand" icon. When you are called on to speak, please identify yourself.
(b) Phone audio connection **with** computer to view meeting: Select the "raised hand" icon. When you are called on to speak, please identify yourself.
(c) Phone audio connection only: Press *9. Wait for the clerk to unmute your phone and then identify yourself and provide your comment. Press *9 to end the call.

Submit Written Comments

If you are unable to participate via telephone or computer to present oral comments, you may also submit your comments by e-mailing them to comments@mpwmd.net with one of the following subject lines "PUBLIC COMMENT ITEM #" (insert the item number relevant to your comment) or "PUBLIC COMMENT – ORAL COMMUNICATIONS". Comments must be received by 12:00 p.m. on April 19, 2021. Comments submitted by noon will be provided to the Board of Directors and compiled as part of the record of the meeting.

ITEM: CONSENT CALENDAR

1. CONSIDER ADOPTION OF MINUTES OF THE FEBRUARY 25, 2021 REGULAR MEETING, MARCH 12, 2021 SPECIAL MEETING, MARCH 26, 2021 SPECIAL MEETING OF THE BOARD OF DIRECTORS

Meeting Date:	**April 19, 2021**	**Budgeted:**	**N/A**
From:	**David J. Stoldt, General Manager**	**Program/ Line Item No.:**	**N/A**
Prepared By:	**Joel G. Pablo**	**Cost Estimate:**	**N/A**

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

SUMMARY: Attached as **Exhibits 1-A to 1-C** for your review and approval are the draft meeting minutes for the regularly scheduled meeting on February 25, 2021 and the two (2) Board Strategic Planning Sessions / Special Meeting held on March 12, 2021 and March 26, 2021.

RECOMMENDATION: District staff recommends approval of the minutes with adoption of the Consent Calendar.

EXHIBITS
1-A Draft Minutes of the February 25, 2021 Regular Meeting of the Board of Directors
1-B Draft Minutes of the March 12, 2021 Special Meeting of the Board of Directors
1-C Draft Minutes of the March 26, 2021 Special Meeting of the Board of Directors

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT

EXHIBIT 1-A

DRAFT MINUTES
Regular Meeting
Board of Directors
Monterey Peninsula Water Management District
Friday, February 25, 2021
Pursuant to Governor Newsom's Executive Orders N-29-20 and N-33-20, the meeting was conducted with virtual participation via Zoom.

CALL TO ORDER

The meeting was called to order at 6:01 pm by Chair Edwards.

ROLL CALL

Directors Present via Zoom:
Alvin Edwards, - Chair, Division 1
Karen Paull, - Vice-Chair, Division 4
George Riley, Division 2
Safwat Malek, Division 3
Amy Anderson, Division 5
Mary Adams – Monterey County Board of Supervisors Rep.
Clyde Roberson – Mayoral Representative

Directors Absent: None

General Manager present: David J. Stoldt

District Counsel present: David Laredo

PLEDGE OF ALLEGIANCE

The assembly recited the Pledge of Allegiance.

ADDITIONS AND CORRECTIONS TO AGENDA

General Manager Stoldt directed attention to Items No. 1, 12 and 21 and advised the board to approve the following additions and corrections to the published agenda.

Under Consent, Item No. 1: A revised Exhibit 1-A was submitted by the Clerk in advance of the hearing and distributed to the General Manager, Board of Directors and District Counsel. *The final minutes as amended is on file at the district office and can be viewed on the agency website.*

Under Consent, Item No. 12: An administrative oversight was made to Exhibit 12-A and will be revised by the Clerk to strike-out quarterly meetings and insert monthly meetings for the MPWMD Water Supply Planning Committee. *A revised/final version of Exhibit 12-A is on file at the district office and can be viewed on the agency website.*

Under Informational Items/Staff, Item No. 21: An administrative oversight omitting page 2 on a letter received from Amanda Ingham of the National Oceanic and Atmospheric Administration dated January 29, 2021 to Director George Riley. A complete version of the document

was distributed to the General Manager, Board of Directors and District Counsel in advance of the meeting. *A complete version of the document is on file at the district office and can be viewed on the agency website.*

No further additions and/or corrections were made by the Board and members of the public to the published agenda.

A motion was made by Director Mary L. Adams and second by Director Karen Paull to approve the additions and corrections. The motion passed unanimously on a roll-call vote of 7 – 0 by those members present.

No public comment was directed to the board at this time.

ORAL COMMUNICATIONS

Chair Edwards acknowledged Director Riley's request to pull Item No. 10 from the Consent Calendar to allow for a separate vote and for further discussion with district staff. No further requests were received by Chair Edwards to pull matters off of the Consent Calendar by other board members and members of the public.

CONSENT CALENDAR

A motion was made by Director George Riley, second by Director Karen Paull to approve the consent calendar with the exception of Item No. 10. The motion passed unanimously on a roll-call vote of 7 – 0 by those members present.

Suresh Prasad, Chief Financial Officer/Administrative Services Division Manager and Dave Stoldt, General Manager responded to questions from Director Riley.

No public comment was received for Item No. 10.

A motion was made by Director George Riley and second by Director Karen to approve Item No. 10. The motion passes unanimously on a roll-call vote of 7 – 0 by those members present.

Adopted.

1. Consider Adoption of Minutes from the January 28, 2021 Special Meeting

Ratified and appointed Marli Melton, Bill Peake and Kevan Urquhart to serve two-year terms on the Ordinance No. 152 Oversight Panel. GM Manager Stoldt directed attention to a letter received from President Rick Heuer with the Monterey Peninsula Taxpayers Association appointing Rudy Fischer to the panel as a matter of information and required no board action.

2. Confirm Appointments to Ordinance No. 152 Oversight Panel

Approved

3. Consider Approval of Expenditure for Purchase of Ford F150 4X4 Truck

Received and Filed

4. Receive and File Second Quarter Financial Activity Report for Fiscal Year 2020-2021

Approved

5. Consider Approval of Second Quarter Fiscal Year 2020-2021 Investment Report

Approved

6. Direct the General Manager to Enter into a Contract with ZIM Industries to Rehabilitate ASR 1 for an Amount not to Exceed $113,350

Elected David Stoldt, General Manager to serve as Secretary and Suresh Prasad, Chief Financial Officer / Administrative Services Manager to serve as Treasurer for Calendar Year 2021.

7. Election of Secretary and Treasurer for 2021

Received

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

Received

9. Receive Government Accounting Standards Board Statement No. 75 Accounting and Financial Reporting for Post-Employment Benefits Other than Pensions

Adopted

10. Consider Adoption of Treasurer's Report for November 2020

Adopted

11. Consider Adoption of Treasurer's Report for December 2020

Adopted

12. Reconfirm CY2021 Board Committee Assignments for Division 3

GENERAL MANAGER'S REPORT

13. Status Report on California American Water Compliance with State Water Resources Control Board Order 2016-0016 and Seaside Groundwater Basin Adjudication Decision.

David J. Stoldt, General Manager (GM) presented, responded to questions from board members and discussed his MS PowerPoint Presentation. *A copy of the presentation is on file at the District office and can be viewed on the district website.*

GM Stoldt explained the actual v. target production tables covering the period from October – January Water Year (WY) 2021 for: (1) MPWRS: Carmel River Basin and Seaside Groundwater Basin and (2) Water Projects and Rights: ASR Recover, Table 13, Pure Water Monterey and Sand City. Stoldt provided an overview of production for customer service for Cal-Am for the same period and noted a 63 acre feet lower difference from the current total vs. in WY2020. GM Stoldt provided an overview of the daily and monthly recorded rainfall for Water Year 2021 at San Clemente Rain Gage: *Monthly*- during the month of January, 2021 the San Clemente Rain Gage received more than 7.96 inches more than double the projected average precipitation and (2) *Daily*- noting the gage is just under 10 inches total with the majority of the rainfall coming in from the spike

received towards the tail end of January, 2021. Lastly, GM Stoldt covered the estimated unimpaired Carmel River Flow at Sleepy Hollow WEIR for WY2021.

REPORT FROM DISTRICT COUNSEL

14. Report on Status of Cal-Am General Rate Case- CPUC A.19-07-004

District Counsel David Laredo and Fran Farina presented, answered questions from the board and discuss the memo at length provided in the meeting materials to the board.

No public comment was directed to the board on this item.

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

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

Chair Edwards acknowledged: (1) GM Stoldt on providing a presentation to League or Women Voters and (2) Monterey One Water Board of Directors for reviewing the Supplemental Environmental Impact Report for Pure Water Monterey Expansion.

ACTION ITEMS

16. Consider Expenditure of Funds for the Maintenance and Repair of the Rearing Channel Liner at the Sleepy Hollow Steelhead Rearing Facility

Thomas Christensen, Environmental Resources Manager and Beverly Chaney, Associate Fisheries Biologist presented, answered questions from the board, discussed and described the need for funds needed at the Rearing Channel Liner at the Sleepy Hollow Steelhead Rearing Facility via MS PowerPoint Presentation. *A copy of the presentation is on file at the District office and can be viewed on the district website.*

No public comment was received for this item.

A motion was made by Director Riley and second by Director Roberson to authorizing repairs at a Not-to-Exceed cost of $13,363 and authorizing a mid-year budget adjustment of $13,363 in line item 2-3-1 A for the general operations and maintenance for the Sleepy Hollow Steelhead Rearing Facility. The motion passed on a roll call vote of 6 – 1 by those members present with Director Malek voting No.

17. Consider Adoption of Resolution No. 2021-01 Declaring the Week of March 15 – 21, 2021, to be Fix a Leak Week

GM Stoldt and Stephanie Locke, Water Demand Manager summarized the staff note and recommended adoption of Resolution No. 2021-01 declaring the week of March 15 – 21, 2021 as Fix a Leak Week.
.
No public comment was received for this item.

A motion was made by Director Roberson and second by Director Anderson to adopt Resolution 2021-01. The U.S. Environmental Protection Agency's (EPA's) WaterSense® program promotes its annual Fix A Leak Week in March as part of its efforts to encourage Americans to use water efficiently. The District supports the EPA's program and encourages the immediate repair of every leak. The motion

passed unanimously by those members present on a roll call vote of 7 – 0.

18. Consider Adoption of Amendment to the Report "Supply and Demand for Water on the Monterey Peninsula" Adopted in May 2020 to Reflect the 2022 AMBAG Regional Growth Forecast

David J. Stoldt, General Manager (GM) presented, responded to questions from board members, summarized the staff report and displayed a document. *A copy of the document is on file at the District office and can be viewed on the district website.*

The following comments were directed to the Board during the public comment period on this item:

(a) **Susan Schiavone**: Thanked GM Stoldt on the report, identified various segments of the working population who may work from home (around 10%) vs those who will work on-site and recommended the board to approve the matter.
(b) **Tom Rowley**: Cautioned and advise the board to look beyond the data collected a year ago from AMBAG and asked the board to consider other factors that may affect regional growth within Monterey County.
(c) **John Tilley**: Believes the current demand and supply should be represented by the cost of housing and stressed the need to build up our water supply to sustain local communities.
(d) **Melodie Chrislock, Public Water Now**: Expressed concerned over comments made by Ian Crooks, Cal-Am at the most recent Monterey One Water meeting over Cal-Am's view on water storage and demand.

A motion was made by Director Edwards and second by Director Paull to approve an amendment to the report "Supply and Demand for Water on the Monterey Peninsula" adopted in May 2020 to reflect the 2022 AMBAG Regional Growth Forecast. The motion passed unanimously on a vote of 7 – 0 by those members present.

DISCUSSION ITEMS

19. Status Report on Measure J / Rule 19.8 Phase II Spending

GM Stoldt addressed a comment made at the administrative committee by a member of the public seeking clarification as to whether the expenses related to Measure J are legal expenses of the district. Stoldt provided two reasons for separating this report from operating expenses (1) public transparency and (2) in order to keep track for potential inclusion in the acquisition price for reimbursing reserves. GM Stoldt provided an overview, answered questions from the board and summarized the staff report.

The following comments were directed to the Board during the public comment period on this item:

(a) **Susan Schiavone**: Questioned if the costs or the $1.4 million are on par with averages, what is going on locally or if the district considers this a high costs. Schiavone would like to know what the average costs for this type of output.
(b) **Tom Rowley**: Directed attention to an October 29 agenda item on a proposed alternative operating plan where

corrections were needed and has not seen a revised report being considered by the board at any meetings since and asked the General Manager to provide an updated report as part further proceedings with the district and LAFCO of Monterey County.

GM Stoldt responded to questions from public. In response to Schiavone, Stoldt explained costs incurred by the district are higher due to extensive CEQA work and additional work on the operations plan. In response to Rowley, Stoldt mentioned the information requested by Rowley will be included in the district's application to LAFCO of Monterey County.

INFORMATIONAL ITEMS/STAFF REPORTS

20. Report on Activity / Progress on Contracts Over $25,000
21. Letters Received
22. Committee Reports
23. Monthly Allocation Report
24. Water Conservation Program Report
25. Carmel River Fishery Report for February, 2021
26. Monthly Water Supply and California American Water Production Report
27. Monthly Water Supply and California American Water Production Report
28. Quarterly Carmel River Riparian Corridor Management Program Report
29. Semi-Annual Groundwater Quality Monitoring Report

There was no discussion of these items.

ADJOURNMENT

Chair Edwards adjourned the meeting at 8:37 PM.

_____

Joel G. Pablo, Deputy District Secretary

Approved by the MPWMD Board of Director's on Monday, April ___, 2021.

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MONTEREY PENINSULA WATER MANAGEMENT DISTRICT

EXHIBIT 1-B

DRAFT MINUTES
Special Meeting / Board Strategic Planning Workshop
Friday, March 12, 2021

CALL TO ORDER

The meeting was called to order at 9:15 am. Pursuant to Governor Newsom's Executive Orders N-29-20 and N-33-20 the Meeting was conducted with virtual participation via Zoom.

ROLL CALL

Directors Present via Zoom:
Alvin Edwards, - Chair, Division 1
Karen Paull, - Vice- Chair, Division 4
George Riley, Division 2
Safwat Malek, Division 3
Amy Anderson, Division 5
Mary L. Adams- Monterey County Board of Supervisors Representative
Clyde Roberson- Mayoral Representative

Directors Absent: None

General Manager present: David J. Stoldt

Staff members present: *Suresh Prasad, Chief Financial Officer/Administrative Services Manager*
Stephanie Locke, Water Demand Manager
Thomas Christensen, Environmental Resources Manager
Jonathan Lear, Water Resources Manager
Joel G. Pablo, Board Clerk
Sara Reyes, Senior Office Specialist

District Counsel present: Heidi Quinn

PLEDGE OF ALLEGIACE

The assembly recited the Pledge of Allegiance.

ADDITIONS AND CORRECTIONS TO AGENDA

Chair Edwards requested for Oral Communications be added to the agenda.

A motion was made by Director Anderson and second by Director Adams to add oral communications to the agenda. The motion passes unanimously on a vote of 7 – 0 by those members present.

ORAL COMMUNICATIONS

No public comment was received under Oral Communications.

INTRODUCTION / WORKSHOP OVERVIEW- David J. Stoldt, General Manager

General Manager Stoldt provided introductory remarks on the Board Strategic Planning Workshop and introduced Dr. Richard Garcia with RJA Management Services as the facilitator for the Board Strategic Planning Workshop.

Dr. Garcia provided an overview and answered questions from the board of what will be discussed during the 1st Board Strategic Planning Session and the 2nd Board Strategic Planning Session scheduled for Friday, March 26, 2021. Dr. Garcia provides the layout of what is to occur during the session, his hopes in facilitating the meeting and explains how the process will work in relation to the district's goals (short-term and medium-term goals), vision, mission and objectives as developed by the board.

DISCUSSION ITEMS

1. Information Gathering Feedback

   Dr. Garcia provided an overview, answered questions from the board and displayed aggregate feedback from interviews conducted with past and current directors via MS PowerPoint presentation. *A copy of the presentation is on file at the District office and can be viewed on the district website.*

BREAK

The Board recessed at approximately 10:20 AM and reconvenes at approximately 10:35 AM.

DISCUSSION ITEMS (Continued)

2. Strategic Planning Model and Definitions

   Dr. Garcia provided an overview of the Strategic Planning model and provided definitions of the following: Priorities, Strategic Initiative, Objectives (quantitative), Goals (qualitative), Values, Mission and Vision and answered questions from the board.

3. Vision / Mission / Goals Discussion

   Dr. Garcia provided an overview of examples of Vision, Mission, Values, Goals and Objectives of the Monterey Peninsula Water Management District against those developed at the San Diego County Water Authority and California Coastal Commission and answered questions from the board.

   Director Adams left the meeting at approximately 12:05 PM. Quorum is still maintained.

PUBLIC COMMENT ON STRATEGIC PLANNING DISCUSSION

The following comments were directed to the Board at this time:

(a) *Melodie Chrislock with Public Water Now:* Encouraged the district to focus on increased visibility via a public relation campaign in order to bring public awareness about the district, its responsibilities and how it serves the greater community. Chrislock noted Cal-Am's customers are aware its existence as a water company while many of those same paying customers are not aware of district's existence or function until a permit is needed by the property owner.

(b) *Rudy Fischer:* Suggested to the board as one of its goals is to get off of the Cease and Desist Order (CDO) issued by the State Water Resources Control Board in order to build affordable housing and to allow for hotel expansions.

(c) *Nick Pasculli with TMD Creative:* Pasculli is happy to listen in on the board and their level of engagement on corporate social responsibility as it relates to economic responsibilities, legal responsibilities, ethical responsibilities and philanthropic responsibilities. He is looking forward to seeing the outcoming in the coming weeks.

ADJOURNMENT

Chair Edwards adjourned the meeting at 12:17 PM.

_____
Joel G. Pablo, Deputy District Secretary

Minutes approved by the MPWMD Board of Directors on Monday, April ___, 2021

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MONTEREY PENINSULA WATER MANAGEMENT DISTRICT

EXHIBIT 1-C

DRAFT MINUTES
Special Meeting / Board Strategic Planning Workshop
Friday, March 26, 2021

CALL TO ORDER

The meeting was called to order at 9:02 am. Pursuant to Governor Newsom's Executive Orders N-29-20 and N-33-20 the Meeting was conducted with virtual participation via Zoom.

ROLL CALL

Directors Present via Zoom:
Alvin Edwards, - Chair, Division 1
Karen Paull, - Vice- Chair, Division 4
George Riley, Division 2
Safwat Malek, Division 3 (*Joined the Zoom Webinar at approximately 9:31 AM)*
Amy Anderson, Division 5
Mary L. Adams- Monterey County Board of Supervisors Representative
Clyde Roberson- Mayoral Representative

Directors Absent: Director Safwat Malek

General Manager present: David J. Stoldt

Staff members present: *Suresh Prasad, Chief Financial Officer/Administrative Services Manager*
Stephanie Locke, Water Demand Manager
Thomas Christensen, Environmental Resources Manager
Jonathan Lear, Water Resources Manager
Joel G. Pablo, Board Clerk
Sara Reyes, Senior Office Specialist

District Counsel present: David Laredo

PLEDGE OF ALLEGIACE

The assembly recited the Pledge of Allegiance.

ADDITIONS AND CORRECTIONS TO AGENDA

Chair Edwards requested for Oral Communications to be moved up and placed after additions and corrections

ORAL COMMUNICATIONS

No public comment was received under Oral Communications.

INTRODUCTION / WORKSHOP OVERVIEW- David J. Stoldt, General Manager

General Manager Stoldt provided introductory remarks on the Board Strategic Planning Workshop and introduced Dr. Richard Garcia with RJA Management Services as the facilitator for the Board Strategic Planning Workshop.

Dr. Garcia provided an overview of the goals of the 2nd Board Strategic Planning Session and provided a re-cap from the last Board Strategic Planning Session held on Friday, March 12, 2021.

DISCUSSION ITEMS

1. Vision / Mission / Goals Revisions and Discussion

   Dr. Garcia covered the district's current Vision, Mission and Goals and allowed for revisions from board members. Dr. Garcia facilitated and discussion ensued on the proposed changes among the board members.

   Director Safwat Malek joins the meeting at approximately 9:31 AM

   Mission Statement – Review
   There was consensus among the Directors that the Mission Statement should be modified as follows: Sustainably manage the water resources of the Monterey Peninsula to meet the needs of its residence and businesses while protecting, restoring, and enhancing its natural and human environments.

   Vision Statement – Review
   There was consensus among the Directors that the Vision Statement should be modified as follows: Model responsible, responsive, and ethical governance and ensure a sustainable water supply for Monterey Peninsula.

   Values – Review
   There was consensus among the Directors the following values for the district should be:
   - Transparency and Accountability to the Public
   - Leadership
   - Stewardship of Environmental Resources
   - Financial Responsibility
   - Honesty and Integrity
   - Professionalism and Respect
   - Equity and Inclusivity
   - Strive for Excellence

BREAK

The Board recessed at approximately 10:10 AM and reconvened at approximately 10:30 AM

DISCUSSION ITEMS (Continued)

(Continued Item No. 1)

Discussion ensued among the GM Stoldt, Dr. Garcia and the Board to further revise the Vision Statement of the District:

Vision Statement – Review
There was consensus among the Directors that the Vision Statement should be further revised as follows: Model responsible, responsive, and ethical governance in pursuit of our mission.

2. Short and Long-Term Objectives Discussion / Priority Setting

   Dr. Garcia covered the district's Short and Long-Term Objectives and allowed for revisions from board members. Dr. Garcia facilitated and discussion ensued on goals and objectives for the board to consider and invited board members to propose changes.

PUBLIC COMMENT ON STRATEGIC PLANNING DISCUSSION

No public comment was directed to the board on the Strategic Planning Discussion.

3. Closing Comments

   Staff was asked to revise the Goals and Short and Long-Term Objectives and to return back for final consideration and adoption at the next regularly scheduled meeting of the MPWMD Board of Directors.

ADJOURNMENT

Chair Edwards adjourned the meeting at 11:45 AM.

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Joel G. Pablo, Deputy District Secretary

Minutes approved by the MPWMD Board of Directors on Monday, April ___, 2021

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ITEM: CONSENT CALENDAR

2. CONSIDER ADOPTION OF TREASURER'S REPORT FOR FEBRUARY 2021

Meeting Date:	**April 19, 2021**	**Budgeted:**	**N/A**
From:	**David J. Stoldt, General Manager**	**Program/ Line Item No.:**	**N/A**
Prepared By:	**Suresh Prasad**	**Cost Estimate:**	**N/A**

General Counsel Review: N/A
Committee Recommendation: The Administrative Committee reviewed this item on April 12, 2021 and recommended approval.
CEQA Compliance: This action does not constitute a project as defined by the California Environmental Quality Act Guidelines Section 15378.

SUMMARY: Exhibit 2-A comprises the Treasurer's Report for February 2021. **Exhibit 2-B** and **Exhibit 2-C** are listings of check disbursements for the period February 1-28, 2021. Check Nos. 38555 through 38746, the direct deposits of employee's paychecks, payroll tax deposits, and bank charges resulted in total disbursements for the period in the amount of $1,278,976.60. This amount included $22,449.22 for conservation rebates paid out during the current period. **Exhibit 2-D** reflects the unaudited version of the financial statements for the month ending February 28, 2021.

RECOMMENDATION: The Administrative Committee recommends that the Board adopt the February 2021 Treasurer's Report and financial statements, and ratification of the disbursements made during the month.

EXHIBITS
2-A Treasurer's Report
2-B Listing of Cash Disbursements-Regular
2-C Listing of Cash Disbursements-Payroll
2-D Financial Statements

EXHIBIT 2-A

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
TREASURER'S REPORT FOR FEBRUARY 2021

Description	Checking	MPWMD Money Market	L.A.I.F.	Multi-Bank Securities	MPWMD Total	PB Reclamation Money Market
Beginning Balance	**($298,786.50)**	**$2,907,819.22**	**$10,607,185.13**	**$2,874,695.80**	**$16,090,913.65**	**$265,551.48**
Fee Deposits		972,051.35			972,051.35	445,936.72
MoCo Tax & WS Chg Installment Pymt					0.00	
Interest Received				4,411.57	4,411.57	
Transfer - Checking/LAIF					0.00	
Transfer - Money Market/LAIF					0.00	
Transfer - Money Market/Checking	1,200,000.00	(1,200,000.00)			0.00	
Transfer - Money Market/Multi-Bank					0.00	
Transfer to CAWD					0.00	
Voided Checks					0.00	
Bank Corrections/Reversals/Errors					0.00	
Bank Charges/Other	(1,027.79)				(1,027.79)	
Credit Card Fees	(569.39)				(569.39)	
Returned Deposits	-				0.00	
Payroll Tax/Benefit Deposits	(105,027.21)				(105,027.21)	
Payroll Checks/Direct Deposits	(132,575.93)				(132,575.93)	
General Checks	(1,020,659.88)				(1,020,659.88)	
Bank Draft Payments	(19,116.40)				(19,116.40)	
Ending Balance	**($377,763.10)**	**$2,679,870.57**	**$10,607,185.13**	**$2,879,107.37**	**$15,788,399.97**	**$711,488.20**

EXHIBIT 2-B

Check Report

Monterey Peninsula Water Management Dist

By Check Number

Date Range: 02/01/2021 - 02/28/2021

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Bank Code: APBNK	**-Bank of America Checking**					
Payment Type: Regular						
00249	A.G. Davi, LTD	02/04/2021	Regular	0.00	395.00	38555
01188	Alhambra	02/04/2021	Regular	0.00	62.74	38556
00252	Cal-Am Water	02/04/2021	Regular	0.00	140.53	38557
00252	Cal-Am Water	02/04/2021	Regular	0.00	78.07	38558
00230	Cisco Systems, Inc.	02/04/2021	Regular	0.00	290.00	38559
00281	CoreLogic Information Solutions, Inc.	02/04/2021	Regular	0.00	985.85	38560
04041	Cynthia Schmidlin	02/04/2021	Regular	0.00	868.03	38561
08109	David Olson, Inc.	02/04/2021	Regular	0.00	770.00	38562
00192	Extra Space Storage	02/04/2021	Regular	0.00	885.00	38563
00758	FedEx	02/04/2021	Regular	0.00	141.59	38564
12655	Graphicsmiths	02/04/2021	Regular	0.00	79.20	38565
00993	Harris Court Business Park	02/04/2021	Regular	0.00	721.26	38566
00083	Hayashi & Wayland Accountancy Corp.	02/04/2021	Regular	0.00	29,650.00	38567
00277	Home Depot Credit Services	02/04/2021	Regular	0.00	61.29	38568
04717	Inder Osahan	02/04/2021	Regular	0.00	1,293.21	38569
00222	M.J. Murphy	02/04/2021	Regular	0.00	41.99	38570
00259	Marina Coast Water District	02/04/2021	Regular	0.00	1,667.92	38571
05829	Mark Bekker	02/04/2021	Regular	0.00	1,094.00	38572
01012	Mark Dudley	02/04/2021	Regular	0.00	540.00	38573
00242	MBAS	02/04/2021	Regular	0.00	775.00	38574
00118	Monterey Bay Carpet & Janitorial Svc	02/04/2021	Regular	0.00	1,260.00	38575
00278	Monterey Tire Service	02/04/2021	Regular	0.00	776.28	38576
13396	Navia Benefit Solutions, Inc.	02/04/2021	Regular	0.00	1,493.42	38577
00036	Parham Living Trust	02/04/2021	Regular	0.00	850.00	38578
00154	Peninsula Messenger Service	02/04/2021	Regular	0.00	359.00	38579
00755	Peninsula Welding Supply, Inc.	02/04/2021	Regular	0.00	131.29	38580
13430	Premiere Global Services	02/04/2021	Regular	0.00	251.65	38581
00159	Pueblo Water Resources, Inc.	02/04/2021	Regular	0.00	965.25	38582
07627	Purchase Power	02/04/2021	Regular	0.00	500.00	38583
00251	Rick Dickhaut	02/04/2021	Regular	0.00	638.00	38584
00176	Sentry Alarm Systems	02/04/2021	Regular	0.00	309.25	38585
19098	Specialty Construction, Inc.	02/04/2021	Regular	0.00	285,705.56	38586
09989	Star Sanitation Services	02/04/2021	Regular	0.00	90.71	38587
04359	The Carmel Pine Cone	02/04/2021	Regular	0.00	1,452.00	38588
20185	The Marketing Department, Inc.	02/04/2021	Regular	0.00	4,000.00	38589
17965	The Maynard Group	02/04/2021	Regular	0.00	1,529.21	38590
00225	Trowbridge Enterprises Inc.	02/04/2021	Regular	0.00	1,236.94	38591
00269	U.S. Bank	02/04/2021	Regular	0.00	4,088.90	38592
	Void	02/04/2021	Regular	0.00	0.00	38593
18737	U.S. Bank Equipment Finance	02/04/2021	Regular	0.00	871.81	38594
04360	WateReuse Association	02/04/2021	Regular	0.00	3,852.00	38595
01015	American Lock & Key	02/16/2021	Regular	0.00	215.00	38597
00253	AT&T	02/16/2021	Regular	0.00	817.17	38598
06268	Comcast	02/16/2021	Regular	0.00	231.61	38599
06001	Cypress Coast Ford	02/16/2021	Regular	0.00	219.93	38600
00046	De Lay & Laredo	02/16/2021	Regular	0.00	42,932.00	38601
18734	DeVeera Inc.	02/16/2021	Regular	0.00	6,947.00	38602
00277	Home Depot Credit Services	02/16/2021	Regular	0.00	237.91	38603
00094	John Arriaga	02/16/2021	Regular	0.00	2,500.00	38604
05371	June Silva	02/16/2021	Regular	0.00	586.00	38605
19764	Katrina Herrmann	02/16/2021	Regular	0.00	211.68	38606
13431	Lynx Technologies, Inc	02/16/2021	Regular	0.00	450.00	38607
00222	M.J. Murphy	02/16/2021	Regular	0.00	81.07	38608

Check Report **Date Range: 02/01/2021 - 02/28/2021**

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
00242	MBAS	02/16/2021	Regular	0.00	9,413.75	38609
16182	Monterey County Weekly	02/16/2021	Regular	0.00	863.00	38610
13396	Navia Benefit Solutions, Inc.	02/16/2021	Regular	0.00	715.42	38611
00755	Peninsula Welding Supply, Inc.	02/16/2021	Regular	0.00	64.50	38612
18544	Psomas	02/16/2021	Regular	0.00	7,350.38	38613
17968	Rutan & Tucker, LLP	02/16/2021	Regular	0.00	2,418.00	38614
14676	Scardina Builders	02/16/2021	Regular	0.00	9,903.02	38615
04709	Sherron Forsgren	02/16/2021	Regular	0.00	961.19	38616
04719	Telit lo T Platforms, LLC	02/16/2021	Regular	0.00	497.95	38617
20185	The Marketing Department, Inc.	02/16/2021	Regular	0.00	4,000.00	38618
00024	Three Amigos Pest Control DBA Central Coast Exte	02/16/2021	Regular	0.00	104.00	38619
00203	ThyssenKrup Elevator	02/16/2021	Regular	0.00	664.83	38620
19701	Weston Solutions, Inc.	02/16/2021	Regular	0.00	3,439.97	38621
20230	Zoom Video Communications Inc	02/16/2021	Regular	0.00	387.50	38622
00763	ACWA-JPIA	02/19/2021	Regular	0.00	298.22	38623
00767	AFLAC	02/19/2021	Regular	0.00	910.69	38624
01015	American Lock & Key	02/19/2021	Regular	0.00	226.15	38625
00760	Andy Bell	02/19/2021	Regular	0.00	647.00	38626
16237	California Water Efficiency Partnership	02/19/2021	Regular	0.00	125.00	38627
00281	CoreLogic Information Solutions, Inc.	02/19/2021	Regular	0.00	1,072.65	38628
11220	Craig Evans	02/19/2021	Regular	0.00	275.00	38629
11822	CSC	02/19/2021	Regular	0.00	1,000.00	38630
00046	De Lay & Laredo	02/19/2021	Regular	0.00	29,072.00	38631
00192	Extra Space Storage	02/19/2021	Regular	0.00	885.00	38632
00083	Hayashi & Wayland Accountancy Corp.	02/19/2021	Regular	0.00	2,500.00	38633
00986	Henrietta Stern	02/19/2021	Regular	0.00	1,293.21	38634
03857	Joe Oliver	02/19/2021	Regular	0.00	1,293.21	38635
20469	Local Agency Formation Commission (LAFCO) of M	02/19/2021	Regular	0.00	7,200.00	38636
00120	Martin B. Feeney, PG, CHG	02/19/2021	Regular	0.00	22,935.00	38637
00242	MBAS	02/19/2021	Regular	0.00	5,175.00	38638
07418	McMaster-Carr	02/19/2021	Regular	0.00	151.38	38639
19448	Monroe Stone Insurance Solutions, Inc.	02/19/2021	Regular	0.00	18.70	38640
16182	Monterey County Weekly	02/19/2021	Regular	0.00	863.00	38641
00274	Monterey One Water	02/19/2021	Regular	0.00	424,342.19	38642
00274	Monterey One Water	02/19/2021	Regular	0.00	176.41	38643
00159	Pueblo Water Resources, Inc.	02/19/2021	Regular	0.00	12,258.76	38644
00262	Pure H2O	02/19/2021	Regular	0.00	65.54	38645
17968	Rutan & Tucker, LLP	02/19/2021	Regular	0.00	900.00	38646
19700	Shute, Mihaly & Weinberger LLP	02/19/2021	Regular	0.00	8,856.58	38647
09351	Tetra Tech, Inc.	02/19/2021	Regular	0.00	3,649.36	38648
09425	The Ferguson Group LLC	02/19/2021	Regular	0.00	70.19	38649
00225	Trowbridge Enterprises Inc.	02/19/2021	Regular	0.00	290.21	38650
00271	UPEC, Local 792	02/19/2021	Regular	0.00	950.00	38651
04340	Valley Trophies & Detectors	02/19/2021	Regular	0.00	46.64	38652
08105	Yolanda Munoz	02/19/2021	Regular	0.00	540.00	38653
12601	Carmel Valley Ace Hardware	02/26/2021	Regular	0.00	16.15	38720
01001	CDW Government	02/26/2021	Regular	0.00	143.00	38721
00230	Cisco Systems, Inc.	02/26/2021	Regular	0.00	290.00	38722
18734	DeVeera Inc.	02/26/2021	Regular	0.00	980.01	38723
02656	Graniterock	02/26/2021	Regular	0.00	146.55	38724
00993	Harris Court Business Park	02/26/2021	Regular	0.00	721.12	38725
00277	Home Depot Credit Services	02/26/2021	Regular	0.00	53.77	38726
04717	Inder Osahan	02/26/2021	Regular	0.00	1,293.21	38727
19764	Katrina Herrmann	02/26/2021	Regular	0.00	143.92	38728
06999	KBA Docusys	02/26/2021	Regular	0.00	508.08	38729
00222	M.J. Murphy	02/26/2021	Regular	0.00	15.47	38730
00259	Marina Coast Water District	02/26/2021	Regular	0.00	418.48	38731
00259	Marina Coast Water District	02/26/2021	Regular	0.00	418.48	38732
05829	Mark Bekker	02/26/2021	Regular	0.00	1,176.00	38733
01012	Mark Dudley	02/26/2021	Regular	0.00	540.00	38734
13396	Navia Benefit Solutions, Inc.	02/26/2021	Regular	0.00	715.42	38735

EXHIBIT 2-B

Check Report **Date Range: 02/01/2021 - 02/28/2021**

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
00036	Parham Living Trust	02/26/2021	Regular	0.00	850.00	38736
00755	Peninsula Welding Supply, Inc.	02/26/2021	Regular	0.00	31.19	38737
09925	QED Environmental Systems	02/26/2021	Regular	0.00	1,705.88	38738
13394	Regional Government Services	02/26/2021	Regular	0.00	4,408.10	38739
00176	Sentry Alarm Systems	02/26/2021	Regular	0.00	125.50	38740
09989	Star Sanitation Services	02/26/2021	Regular	0.00	112.11	38741
04359	The Carmel Pine Cone	02/26/2021	Regular	0.00	726.00	38742
20185	The Marketing Department, Inc.	02/26/2021	Regular	0.00	4,000.00	38743
04353	Thomas Christensen	02/26/2021	Regular	0.00	98.31	38744
00269	U.S. Bank	02/26/2021	Regular	0.00	2,500.18	38745
18737	U.S. Bank Equipment Finance	02/26/2021	Regular	0.00	871.81	38746
			Total Regular:	**0.00**	**998,210.66**	

Check Report **Date Range: 02/01/2021 - 02/28/2021**

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Payment Type: Bank Draft						
00282	PG&E	02/04/2021	Bank Draft	0.00	393.10	DFT0001850
00282	PG&E	02/04/2021	Bank Draft	0.00	1,900.74	DFT0001851
17964	SWRCB	02/04/2021	Bank Draft	0.00	276.00	DFT0001852
00221	Verizon Wireless	02/04/2021	Bank Draft	0.00	1,280.11	DFT0001853
18163	Wex Bank	02/04/2021	Bank Draft	0.00	82.81	DFT0001854
00266	I.R.S.	02/12/2021	Bank Draft	0.00	12,620.15	DFT0001856
00266	I.R.S.	02/12/2021	Bank Draft	0.00	2,642.20	DFT0001857
00267	Employment Development Dept.	02/12/2021	Bank Draft	0.00	5,108.44	DFT0001858
00266	I.R.S.	02/12/2021	Bank Draft	0.00	732.30	DFT0001859
00266	I.R.S.	02/12/2021	Bank Draft	0.00	73.39	DFT0001861
00266	I.R.S.	02/12/2021	Bank Draft	0.00	86.14	DFT0001862
00266	I.R.S.	02/12/2021	Bank Draft	0.00	368.28	DFT0001863
00766	Standard Insurance Company	02/09/2021	Bank Draft	0.00	1,270.87	DFT0001865
00282	PG&E	02/16/2021	Bank Draft	0.00	10.77	DFT0001866
00282	PG&E	02/16/2021	Bank Draft	0.00	10,196.40	DFT0001867
00282	PG&E	02/16/2021	Bank Draft	0.00	38.25	DFT0001868
00282	PG&E	02/16/2021	Bank Draft	0.00	24.55	DFT0001869
00282	PG&E	02/16/2021	Bank Draft	0.00	10.51	DFT0001870
18163	Wex Bank	02/16/2021	Bank Draft	0.00	1,082.85	DFT0001871
00266	I.R.S.	02/26/2021	Bank Draft	0.00	12,430.21	DFT0001873
00266	I.R.S.	02/26/2021	Bank Draft	0.00	2,589.50	DFT0001874
00267	Employment Development Dept.	02/26/2021	Bank Draft	0.00	5,137.37	DFT0001875
00266	I.R.S.	02/26/2021	Bank Draft	0.00	582.54	DFT0001876
00769	Laborers Trust Fund of Northern CA	02/12/2021	Bank Draft	0.00	26,817.00	DFT0001877
00256	PERS Retirement	02/11/2021	Bank Draft	0.00	15,107.97	DFT0001878
00256	PERS Retirement	02/25/2021	Bank Draft	0.00	15,631.54	DFT0001879
00282	PG&E	02/26/2021	Bank Draft	0.00	1,865.53	DFT0001880
00282	PG&E	02/26/2021	Bank Draft	0.00	406.43	DFT0001881
18163	Wex Bank	02/26/2021	Bank Draft	0.00	277.48	DFT0001882
00768	ICMA	02/02/2021	Bank Draft	0.00	2,450.09	DFT0001883
00768	ICMA	02/16/2021	Bank Draft	0.00	2,650.09	DFT0001884
			Total Bank Draft:	**0.00**	**124,143.61**	

Bank Code APBNK Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	187	124	0.00	998,210.66
Manual Checks	0	0	0.00	0.00
Voided Checks	0	1	0.00	0.00
Bank Drafts	39	31	0.00	124,143.61
EFT's	0	0	0.00	0.00
	226	**156**	**0.00**	**1,122,354.27**

Check Report **Date Range: 02/01/2021 - 02/28/2021**

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Bank Code: REBATES-02-Rebates: Use Only For Rebates						
Payment Type: Regular						
20238	Albert Giustiniani	02/19/2021	Regular	0.00	625.00	38654
20239	Amado Medina	02/19/2021	Regular	0.00	500.00	38655
20251	Ann Wright	02/19/2021	Regular	0.00	500.00	38656
20236	AnnaLisa Giorgini	02/19/2021	Regular	0.00	664.22	38657
20242	Anthony J Gannon	02/19/2021	Regular	0.00	500.00	38658
20261	Asuman Johnson	02/19/2021	Regular	0.00	500.00	38659
20281	Bryan Ashby	02/19/2021	Regular	0.00	75.00	38660
20235	Catherine Collinsworth	02/19/2021	Regular	0.00	500.00	38661
20278	Chris Mack	02/19/2021	Regular	0.00	150.00	38662
20286	Daniel Cutler	02/19/2021	Regular	0.00	75.00	38663
20256	David Ng	02/19/2021	Regular	0.00	500.00	38664
20276	Felix Bachofner	02/19/2021	Regular	0.00	75.00	38665
20289	Francesca Burnham	02/19/2021	Regular	0.00	125.00	38666
20284	George Isaac	02/19/2021	Regular	0.00	150.00	38667
20257	Ginger Marshall	02/19/2021	Regular	0.00	500.00	38668
20280	Hazel Jacoby	02/19/2021	Regular	0.00	500.00	38669
20288	James Frear	02/19/2021	Regular	0.00	150.00	38670
20250	Jeffrey Lanzman	02/19/2021	Regular	0.00	500.00	38671
20291	Jennifer Lozada	02/19/2021	Regular	0.00	500.00	38672
20243	Jill Gabbe	02/19/2021	Regular	0.00	500.00	38673
20285	Joan Lester	02/19/2021	Regular	0.00	75.00	38674
20268	Joanne Noto	02/19/2021	Regular	0.00	125.00	38675
20275	Jody Clark	02/19/2021	Regular	0.00	260.00	38676
20287	John Chatters	02/19/2021	Regular	0.00	75.00	38677
20246	John P Beaudoin	02/19/2021	Regular	0.00	500.00	38678
20272	John Smith	02/19/2021	Regular	0.00	125.00	38679
20244	Joseph E. Kordsmeier	02/19/2021	Regular	0.00	500.00	38680
20262	Justin Inductivo	02/19/2021	Regular	0.00	500.00	38681
20292	Karen Learned	02/19/2021	Regular	0.00	500.00	38682
20290	Karon Peterson	02/19/2021	Regular	0.00	500.00	38683
20277	Kathryn N. Varner	02/19/2021	Regular	0.00	150.00	38684
20263	Kirk Osumi	02/19/2021	Regular	0.00	700.00	38685
20282	Kristin Cushman	02/19/2021	Regular	0.00	75.00	38686
20260	Laird Small	02/19/2021	Regular	0.00	500.00	38687
20267	Marilyn Gibfried	02/19/2021	Regular	0.00	125.00	38688
20254	Mark Angel	02/19/2021	Regular	0.00	500.00	38689
20241	Marla Hendrickson	02/19/2021	Regular	0.00	500.00	38690
20264	Mary Skipwith	02/19/2021	Regular	0.00	125.00	38691
20252	MaryEllen Dick	02/19/2021	Regular	0.00	625.00	38692
19697	Mast Realty	02/19/2021	Regular	0.00	225.00	38693
20233	Maybelline Hernandez	02/19/2021	Regular	0.00	75.00	38694
20279	Michael Rothgeb	02/19/2021	Regular	0.00	75.00	38695
20259	Michael Stolowitz	02/19/2021	Regular	0.00	500.00	38696
20249	Onsy W. Shenouda	02/19/2021	Regular	0.00	500.00	38697
20247	Peter Newman	02/19/2021	Regular	0.00	500.00	38698
20283	Richard Ash	02/19/2021	Regular	0.00	150.00	38699
20258	Robert Andreatta	02/19/2021	Regular	0.00	500.00	38700
20237	Robert Ascio	02/19/2021	Regular	0.00	500.00	38701
20265	Robert Von Essen	02/19/2021	Regular	0.00	125.00	38702
20232	Ron Gilmartin	02/19/2021	Regular	0.00	325.00	38703
20273	Russell Lefebre	02/19/2021	Regular	0.00	125.00	38704
20240	Sanford Cohen	02/19/2021	Regular	0.00	500.00	38705
20294	Shin Kim	02/19/2021	Regular	0.00	500.00	38706
20269	Sibyl S Johnson	02/19/2021	Regular	0.00	125.00	38707
20271	Sirintip Polonis-Carnes	02/19/2021	Regular	0.00	125.00	38708
20253	Skyler Scarlett	02/19/2021	Regular	0.00	500.00	38709
20245	Stacey Huntington	02/19/2021	Regular	0.00	500.00	38710
20266	Steven C. Wilson	02/19/2021	Regular	0.00	125.00	38711
20037	Stuart Wells	02/19/2021	Regular	0.00	150.00	38712

Check Report **Date Range: 02/01/2021 - 02/28/2021**

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
20234	Su Ling Lin	02/19/2021	Regular	0.00	25.00	38713
20293	Susan Weitz	02/19/2021	Regular	0.00	500.00	38714
20274	Tammy Foster	02/19/2021	Regular	0.00	125.00	38715
20231	Thomas Pelikan	02/19/2021	Regular	0.00	500.00	38716
20255	Thomas Trotter	02/19/2021	Regular	0.00	500.00	38717
20248	Victor N. Whiteside	02/19/2021	Regular	0.00	500.00	38718
20270	Werner Landau	02/19/2021	Regular	0.00	125.00	38719
			Total Regular:	**0.00**	**22,449.22**	

Bank Code REBATES-02 Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	66	66	0.00	22,449.22
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
	66	**66**	**0.00**	**22,449.22**

All Bank Codes Check Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	253	190	0.00	1,020,659.88
Manual Checks	0	0	0.00	0.00
Voided Checks	0	1	0.00	0.00
Bank Drafts	39	31	0.00	124,143.61
EFT's	0	0	0.00	0.00
	292	**222**	**0.00**	**1,144,803.49**

Fund Summary

Fund	Name	Period	Amount
99	POOL CASH FUND	2/2021	1,144,803.49
			1,144,803.49

EXHIBIT 2-C

Payroll Bank Transaction Report

Monterey Peninsula Water Management Dist

By Payment Number

Date: 2/1/2021 - 2/28/2021

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
5606	02/12/2021	Regular	1077	Pablo, Joel G	0.00	1,969.46	1,969.46
5607	02/12/2021	Regular	1024	Stoldt, David J	0.00	6,017.67	6,017.67
5608	02/12/2021	Regular	6075	Tavani, Arlene	0.00	1,972.36	1,972.36
5609	02/12/2021	Regular	1044	Bennett, Corryn D	0.00	1,986.57	1,986.57
5610	02/12/2021	Regular	1078	Mossbacher, Simona F	0.00	1,926.95	1,926.95
5611	02/12/2021	Regular	1018	Prasad, Suresh	0.00	4,004.05	4,004.05
5612	02/12/2021	Regular	1019	Reyes, Sara C	0.00	1,869.02	1,869.02
5613	02/12/2021	Regular	1042	Hamilton, Maureen C.	0.00	3,147.24	3,147.24
5614	02/12/2021	Regular	6063	Hampson, Larry M	0.00	2,219.24	2,219.24
5615	02/12/2021	Regular	1009	James, Gregory W	0.00	3,274.94	3,274.94
5616	02/12/2021	Regular	1011	Lear, Jonathan P	0.00	4,234.64	4,234.64
5617	02/12/2021	Regular	1012	Lindberg, Thomas L	0.00	2,671.10	2,671.10
5618	02/12/2021	Regular	1045	Atkins, Daniel N	0.00	2,378.98	2,378.98
5619	02/12/2021	Regular	1004	Chaney, Beverly M	0.00	2,672.48	2,672.48
5620	02/12/2021	Regular	1005	Christensen, Thomas T	0.00	3,693.24	3,693.24
5621	02/12/2021	Regular	1007	Hamilton, Cory R	0.00	2,378.01	2,378.01
5622	02/12/2021	Regular	6069	Herrmann, Katrina F	0.00	605.67	605.67
5623	02/12/2021	Regular	1048	Lumas, Eric M	0.00	2,629.60	2,629.60
5624	02/12/2021	Regular	1001	Bravo, Gabriela D	0.00	2,611.56	2,611.56
5625	02/12/2021	Regular	1076	Jakic, Tricia	0.00	2,559.58	2,559.58
5626	02/12/2021	Regular	1010	Kister, Stephanie L	0.00	2,706.95	2,706.95
5627	02/12/2021	Regular	1017	Locke, Stephanie L	0.00	3,489.95	3,489.95
5628	02/12/2021	Regular	1040	Smith, Kyle	0.00	2,394.74	2,394.74
5629	02/12/2021	Regular	1047	Timmer, Christopher	0.00	2,291.02	2,291.02
5630	02/12/2021	Regular	7015	Adams, Mary L	0.00	348.71	348.71
5631	02/12/2021	Regular	7020	Anderson, Amy E	0.00	623.36	623.36
5632	02/12/2021	Regular	7019	Paull, Karen P	0.00	374.02	374.02
5633	02/12/2021	Regular	7018	Riley, George T	0.00	623.36	623.36
5634	02/26/2021	Regular	1077	Pablo, Joel G	0.00	1,969.47	1,969.47
5635	02/26/2021	Regular	1024	Stoldt, David J	0.00	6,017.68	6,017.68
5636	02/26/2021	Regular	6075	Tavani, Arlene	0.00	1,615.44	1,615.44
5637	02/26/2021	Regular	1044	Bennett, Corryn D	0.00	1,929.24	1,929.24
5638	02/26/2021	Regular	1078	Mossbacher, Simona F	0.00	1,796.76	1,796.76
5639	02/26/2021	Regular	1018	Prasad, Suresh	0.00	4,004.06	4,004.06
5640	02/26/2021	Regular	1019	Reyes, Sara C	0.00	1,869.02	1,869.02
5641	02/26/2021	Regular	1042	Hamilton, Maureen C.	0.00	3,297.86	3,297.86
5642	02/26/2021	Regular	6063	Hampson, Larry M	0.00	1,746.86	1,746.86
5643	02/26/2021	Regular	1009	James, Gregory W	0.00	3,274.94	3,274.94
5644	02/26/2021	Regular	1011	Lear, Jonathan P	0.00	4,234.65	4,234.65
5645	02/26/2021	Regular	1012	Lindberg, Thomas L	0.00	2,671.11	2,671.11
5646	02/26/2021	Regular	1045	Atkins, Daniel N	0.00	2,187.48	2,187.48
5647	02/26/2021	Regular	1004	Chaney, Beverly M	0.00	2,672.49	2,672.49
5648	02/26/2021	Regular	1005	Christensen, Thomas T	0.00	3,693.25	3,693.25
5649	02/26/2021	Regular	1007	Hamilton, Cory R	0.00	2,378.02	2,378.02
5650	02/26/2021	Regular	6069	Herrmann, Katrina F	0.00	605.67	605.67
5651	02/26/2021	Regular	1048	Lumas, Eric M	0.00	2,302.16	2,302.16
5652	02/26/2021	Regular	1001	Bravo, Gabriela D	0.00	2,611.57	2,611.57
5653	02/26/2021	Regular	1076	Jakic, Tricia	0.00	2,559.59	2,559.59
5654	02/26/2021	Regular	1010	Kister, Stephanie L	0.00	2,588.46	2,588.46
5655	02/26/2021	Regular	1017	Locke, Stephanie L	0.00	3,489.96	3,489.96
5656	02/26/2021	Regular	1040	Smith, Kyle	0.00	2,394.74	2,394.74
5657	02/26/2021	Regular	1047	Timmer, Christopher	0.00	2,291.03	2,291.03
38596	02/12/2021	Regular	7009	Edwards, Alvin	699.95	0.00	699.95
				Total:	**699.95**	**131,875.98**	**132,575.93**

EXHIBIT 2-D

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
STATEMENT OF REVENUES AND EXPENDITURES
FOR THE MONTH FEBRUARY 28, 2021

	Mitigation	Conservation	Water Supply	Current Period Activity	FY 2020/2021 Year-to-Date Actual	FY 2020/2021 Annual Budget	Prior FY Year-to-Date Actual
REVENUES							
Property taxes	$ -	$ -	$ -	$ -	$ 1,236,027	$ 2,050,000	$ 1,139,505
Water supply charge			-	-	2,028,469	3,300,000	1,951,463
User fees	535,957	209,154	125,492	870,603	3,654,297	4,250,000	3,046,259
Mitigation revenue	-			-	-	-	-
Capacity fees			44,807	44,807	297,433	400,000	419,969
Permit fees	-	18,308		18,308	119,443	198,000	146,112
Investment income	1,512	658	2,241	4,412	16,012	200,000	152,542
Miscellaneous	-	-	-	-	9,862	15,000	5,937
Sub-total district revenues	**537,469**	**228,120**	**172,540**	**938,129**	**7,361,543**	**10,413,000**	**6,861,787**
Project reimbursements	-	-	672,202	672,202	3,577,083	2,436,000	1,060,606
Legal fee reimbursements		150		150	1,456	16,000	1,350
Grants	74,979	-	-	74,979	82,253	2,495,400	260,078
Recording fees		4,730		4,730	27,385	6,000	25,360
Sub-total reimbursements	**74,979**	**4,880**	**672,202**	**752,061**	**3,688,177**	**4,953,400**	**1,347,394**
From Reserves	-	-	-	-	-	9,055,400	-
Total revenues	**612,447**	**233,000**	**844,742**	**1,690,190**	**11,049,720**	**24,421,800**	**8,209,181**
EXPENDITURES							
Personnel:							
Salaries	67,700	43,162	78,610	189,472	1,622,535	2,651,200	1,712,162
Retirement	6,212	3,963	7,379	17,553	550,837	647,400	493,001
Unemployment Compensation	-	-	-	-	2,584	3,000	3,417
Auto Allowance	92	92	277	462	3,878	6,000	3,924
Deferred Compensation	151	151	454	757	6,193	9,400	6,071
Temporary Personnel	-	-	-	-	-	50,000	56,067
Workers Comp. Ins.	2,789	246	1,909	4,944	39,706	85,000	53,876
Employee Insurance	13,809	9,217	13,227	36,253	298,793	505,700	299,154
Medicare & FICA Taxes	1,354	752	1,374	3,480	31,030	46,800	32,427
Personnel Recruitment	-	-	-	-	-	3,000	649
Other benefits	41	26	33	100	1,478	1,500	1,277
Staff Development	-	875	-	875	3,101	29,700	8,536
Sub-total personnel costs	**92,149**	**58,484**	**103,262**	**253,895**	**2,560,134**	**4,038,700**	**2,670,560**
Services & Supplies:							
Board Member Comp	891	891	918	2,700	25,785	33,900	21,870
Board Expenses	169	107	136	411	4,073	10,000	7,064
Rent	985	230	915	2,130	17,040	23,200	16,440
Utilities	947	575	770	2,292	18,565	33,200	20,924
Telephone	1,847	1,251	1,303	4,400	35,208	46,500	26,555
Facility Maintenance	5,905	3,745	4,753	14,402	40,718	56,300	53,538
Bank Charges	655	415	527	1,597	11,600	15,100	12,180
Office Supplies	119	75	96	290	8,868	17,700	9,532
Courier Expense	194	123	156	474	3,031	6,100	4,235
Postage & Shipping	83	53	67	204	2,074	6,800	3,030
Equipment Lease	357	227	288	872	8,281	13,900	8,298
Equip. Repairs & Maintenance	208	132	168	508	1,621	7,000	5,824
Photocopy Expense				-			
Printing/Duplicating/Binding	-	-	-	-	59	500	-
IT Supplies/Services	3,253	2,000	2,539	7,792	175,030	220,000	163,443
Operating Supplies	582	180	-	762	2,425	16,100	9,428
Legal Services	9,948	6,240	8,015	24,204	175,396	400,000	155,193

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
STATEMENT OF REVENUES AND EXPENDITURES
FOR THE MONTH FEBRUARY 28, 2021

	Mitigation	Conservation	Water Supply	Current Period Activity	FY 2020/2021 Year-to-Date Actual	FY 2020/2021 Annual Budget	Prior FY Year-to-Date Actual
Professional Fees	8,855	5,615	7,127	21,597	219,525	360,200	226,687
Transportation	1,331	60	189	1,580	13,938	34,000	23,272
Travel	242	-	-	242	3,247	26,100	10,076
Meeting Expenses	359	228	289	875	7,875	6,700	8,696
Insurance	48	-	-	48	48	98,000	46,875
Legal Notices	-	-	-	-	-	3,100	-
Membership Dues	293	1,186	236	1,715	30,112	38,300	32,094
Public Outreach	-	-	-	-	250	3,900	3,006
Assessors Administration Fee	-	-	-	-	-	20,000	-
Miscellaneous	-	-	-	-	386	3,000	379
Sub-total services & supplies costs	**37,272**	**23,333**	**28,490**	**89,096**	**805,154**	**1,499,600**	**868,639**
Project expenditures	12,532	15,331	914,844	942,707	7,441,092	16,639,100	3,341,842
Fixed assets	-	-	-	-	34,270	220,000	30,653
Contingencies	-	-	-	-	-	70,000	-
Election costs	-	-	-	-	-	200,000	-
Debt service: Principal				-			
Debt service: Interest	-	-	-	-	62,231	230,000	63,748
Flood drought reserve	-	-	-	-	-	-	-
Capital equipment reserve	-	-	-	-	-	324,400	-
General fund balance	-	-	-	-	-	1,000,000	-
Pension reserve	-	-	-	-	-	100,000	-
OPEB reserve	-	-	-	-	-	100,000	-
Other				-			
Sub-total other	**12,532**	**15,331**	**914,844**	**942,707**	**7,537,593**	**18,883,500**	**3,436,244**
Total expenditures	**141,953**	**97,149**	**1,046,597**	**1,285,699**	**10,902,881**	**24,421,800**	**6,975,443**
Excess (Deficiency) of revenues over expenditures	**$ 470,495**	**$ 135,851**	**$ (201,855)**	**$ 404,491**	**$ 146,839**	**$ -**	**$ 1,233,738**

ITEM: CONSENT CALENDAR

3. RECEIVE AND FILE DISTRICT-WIDE ANNUAL WATER DISTRIBUTION SYSTEM PRODUCTION SUMMARY REPORT FOR WATER YEAR 2020

Meeting Date:	**April 19, 2021**	**Budgeted:**	**N/A**
From:	**David Stoldt, General Manager**	**Program/ Line Item No.:**	**Hydrologic Monitoring N/A**
Prepared By:	**Thomas Lindberg**	**Cost Estimate:**	**N/A**

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

SUMMARY: Staff has prepared the draft Water Production Summary Report for Water Distribution Systems (WDSs) within the Monterey Peninsula Water Management District (District) for Water Year (WY) 2020. WY 2020 covers the 12-month period from October 1, 2019 through September 30, 2020. Preliminary computations indicate that 10,371 acre-feet (AF) of water were produced by the 150 recognized WDSs in the District during WY 2020. In general, recognized WDSs refer to systems that either: (a) have received a WDS permit, or (b) have been confirmed as a pre-existing system prior to District rules that expanded WDS permitting requirements. The California American Water (Cal-Am) Main System, which is the largest WDS in the District, accounted for 9,266 AF or approximately 89% of the total production reported by WDSs in WY 2020.

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

BACKGROUND: All owners and operators of WDSs within the District are required to annually submit water production information to the District. In 1980, District Ordinance No. 1 defined a WDS as *works within the District used for the collection, storage, transmission, or distribution of water from the source of supply to the connection of a system providing water service to any connection including all water-gathering facilities and water-measuring devices*. Therefore, all wells within the District are considered to be WDSs. However, until the adoption of Ordinance No. 96 in 2001, only multiple-parcel WDSs were required to obtain a permit from the District. Other refinements to the Rules and Regulations governing WDSs were added with the adoption of Ordinance No. 105 in 2002; Ordinance No. 106 in 2003; Ordinance No. 118 in 2005; Ordinance No. 122 in 2006; Ordinance 160 in 2014; and Ordinance 175 in 2016. For the fourth consecutive year, no new WDSs were established, although 14 Requests for Confirmation of Exemption were approved during in WY 2020.

Each WDS must report the amount of water produced and where required, the amount of water delivered, in addition to the number of existing and new connections served during the reporting period. The information for WY 2020 is summarized in **Exhibit 3-A**. The WDSs shown are grouped by source area. This information is also incorporated into the District-Wide Water Production Summary Report, presented as the following item of the Consent Calendar of this packet. For comparative purposes, the Annual WDS Production Summary Report for WY 2019 is provided as **Exhibit 3-B**.

In WY 2020, 916 AF that was produced by Cal-Am wells in Carmel Valley was delivered to the Aquifer Storage and Recovery (ASR) project for injection into the Seaside Groundwater Basin. The ASR project recovered 806 AF from the Seaside Groundwater Basin and delivered for customer service to the Cal-Am. Additionally, 88 AF were recovered from the Pure Water Monterey Project for delivery to Cal-Am customer service in WY 2020.

Production figures for three WDSs -- Bishop, Ryan Ranch, and Hidden Hills Units -- are reported separately from the Cal-Am main system, although Cal-Am owns and operates each of these satellite units. The Ryan Ranch Unit was acquired and annexed into the Cal-Am system in November 1989. The Hidden Hills Unit, which formerly reported as the Carmel Valley Mutual Water Company, was acquired and annexed into the Cal-Am system in March 1993. The Bishop Unit, which has been operated by Cal-Am since September 1996, was acquired and annexed into the Cal-Am system in July 1999. Although water production and delivery values for the Bishop, Hidden Hills and Ryan Ranch Units are reported separately from the values for Cal-Am's Main System in this report, they are included in Cal-Am's total production in the District-wide Production Summary Report (**Exhibit 4-A**) as "Cal-Am Wells Within the Water Resources System". Two new WDS were approved in WY2020, which were amendments to allow water from Cal-Am's Main System to be transferred to their Bishop (McIntosh) and Ryan Ranch Units. They are not being tracked separately, although the amount transferred from the Main System to Ryan Ranch (2.76 AF) in WY 2020 is included in the Ryan Ranch total production. In WY 2020 no water was transferred from the Main System to Bishop Unit, and no water was transferred from the Bishop Unit to Ryan Ranch. 0.08 AF of water was transferred from the Hidden Hills Unit to the Toro System in WY 2020.

Three systems operated by the Cañada Woods Water Company (CWWC) are tracked separately in this report but are part of an interconnected system. Cañada Woods Alluvial, Cañada Woods Upland and Monterra Ranch WDSs have been merged into the CWWC WDS since WY 2005, although they are still reported separately here to facilitate comparisons from one year to another. Production shown in **Exhibit 3-A** for Monterra Ranch includes water produced from wells that was sent to the system's reverse osmosis (RO) desalination plant and un-treated water that was produced for non-potable purposes. Consumption losses for the CWWC include water line flushing and unmetered construction and irrigation uses. Beginning in WY 2010, the system loss calculation was revised by CWWC to present a single composite system loss value.

District-wide - Total WDS production within the District for WY 2020 was 10,371 AF. Of this total, the Cal-Am Main System (i.e., not including the Bishop, Hidden Hills and Ryan Ranch Units) accounted for 89% of the water produced by WDSs within the District. The other 149 systems (i.e., including the Bishop, Hidden Hills and Ryan Ranch Units) accounted for the

remaining 11 percent of production. Total WDS production for WY 2020 is 311 AF (2.9%) less than the production reported for WY 2019. During WY 2020, Cal-Am's Main System production decreased by 86 AF (0.9%), while reported non Cal-Am WDS production decreased by 226 AF (17.0%), relative to production in WY 2019.

Monterey Peninsula Water Resources System (MPWRS) - Total WDS production from the MPWRS, which includes the Carmel River and its tributaries, the Carmel Valley Alluvial Aquifer, the Seaside Groundwater Basin was 10,023 AF in WY 2020. The comparisons below include production from Cal-Am's satellite systems (Bishop, Hidden Hills and Ryan Ranch Units) that derive their source of supply from the Laguna Seca Subarea (LSS) of the Seaside Groundwater Basin. The LSS was added to the MPWRS with the adoption of Ordinance No. 135 on September 22, 2008. Total WDS production within the MPWRS decreased by 24 AF (0.2%) in WY 2020 compared to production in WY 2019. In WY 2020, production by Cal-Am from within the MPWRS (including Bishop, Hidden Hills and Ryan Ranch Units) decreased by 46 AF (0.5%) and the combined production from 23 other active systems within the MPWRS increased by 22 AF (5.7%), relative to production reported for WY 2019.

3-A Water Production Summary Report for Water Distribution Systems for Water Year 2020
3-B Water Production Summary Report for Water Distribution Systems for Water Year 2019

EXHIBIT 3-A

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
WATER DISTRIBUTION SYSTEM REPORT - WATER YEAR 2020

					CONNECTIONS				
SYSTEM	REPORTING METHOD	PRODUCTION (AF)	DELIVERY (AF)	UNACCOUNTED (%)	ACTIVE	AVG. PROD./ CONNECTION (AF)	AVG. DEL./ CONNECTION (AF)	NEW	SOURCE AREA
CAW (CAL-AM) Main System	WM	9,265.97	8,385.10	9.5%	37,723	0.25	0.22	22	AS1-4, SCS
SEASIDE MUNI	WM	181.60	170.99	5.8%	779	0.23	0.22	0	SCS
MPWMD ASR-1	WM	0.00	N.A.	N.A.	1	0.00	N.A.	0	SCS
MONTEREY BAY SHORES	WM	0.00	0.0	0.0%	0	0.00	0.0	0	SCS
ABADIR (A)	WM	0.00	0.0	0.0%	0	0.00	0.00	0	AS2
ABADIR C (MANSON)	WM	0.02	N.A.	N.A.	1	0.02	N.A.	0	AS2
ANIMAL FARM	WM	1.06	N.A.	N.A.	1	1.06	N.A.	0	AS2
CARMEL VALLEY ROAD II	WM	3.47	N.A.	N.A.	4	0.87	N.A.	0	AS2
CHANEY/SCHAFFER	LU	0.33	N.A.	N.A.	2	0.17	N.A.	0	AS2
FAIR WEATHER	LU	1.37	N.A.	N.A.	2	0.69	N.A.	0	AS2
GOOD NEIGHBOR	LU	1.23	N.A.	N.A.	2	0.62	N.A.	0	AS2
JONES	LU	0.23	N.A.	N.A.	1	0.23	N.A.	0	AS2
AIELLO	WM	0.12	N.A.	N.A.	1	0.12	N.A.	0	AS3
ALADWELL (ADDISON)	WM	2.50	N.A.	N.A.	2	1.25	N.A.	0	AS3
ALL SAINTS	WM	0.58	N.A.	N.A.	1	0.58	N.A.	0	AS3
CANADA WOODS ALLUVIAL	WM	169.89	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	AS3
LATTA DOM. (was BARDIS 2)	WM	0.12	N.A.	N.A.	1	0.12	0.00	0	AS3
LATTA IRRIG. (was BARDIS 2)	WM	2.28	N.A.	N.A.	1	2.28	N.A.	0	AS3
RANCHO SAN CARLOS ROAD	WM	3.57	N.A.	N.A.	3	1.19	N.A.	0	AS3
CARMEL BY THE RIVER RV PARK	WM	13.86	N.A.	N.A.	N.A.	N.A.	N.A.	0	AS3
RSCRd#3/HATTON RANCHO	WM	3.07	N.A.	N.A.	3	1.02	N.A.	0	AS3
SAN MARCO	WM	1.92	N.A.	N.A.	3	0.64	N.A.	0	AS3
SCHUT/JONES	LU	2.72	N.A.	N.A.	2	1.36	N.A.	0	AS3
SELLE	LU	0.09	N.A.	N.A.	2	0.05	N.A.	0	AS3
ST. DUNSTAN'S	WM	0.18	N.A.	N.A.	1	0.18	N.A.	0	AS3
CARMEL GREENS	WM	20.50	N.A.	N.A.	1	20.50	N.A.	0	AS4
CLARK/WELLS FARGO	WM	0.00	0.0	0.0%	0	0.00	0.00	0	AS4
MAL PASO	WM	60.73	N.A.	0.0%	0	0.00	0.00	0	AS4
CACHAGUA RD. 1	WM	0.32	N.A.	N.A.	3	0.11	N.A.	0	CAC
CACHAGUA RD. 2	LU	0.92	N.A.	N.A.	9	0.10	N.A.	0	CAC
NASON ROAD	LU	0.00	N.A.	N.A.	4	0.00	N.A.	0	CAC
PRINCES CAMP	WM	21.03	N.A.	N.A.	50	0.42	N.A.	0	CAC
VALLEY CREEK (JENSEN) MHP	WM	9.31	N.A.	N.A.	24	0.39	N.A.	0	CAC
218 RANCH (ZOE)	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
AGUA FRESCA	WM	2.24	N.A.	N.A.	2	1.12	N.A.	0	CVU
AMATYA	WM	0.09	N.A.	N.A.	1	0.00	N.A.	0	CVU
BELLAMY	WM	1.09	N.A.	N.A.	1	1.09	N.A.	0	CVU
BENTLEY (RUSEK)	WM	0.00	N.A.	N.A.	1	0.00	N.A.	0	CVU
BOOTH	WM	0.32	N.A.	N.A.	1	0.32	N.A.	0	CVU
BOSSO	WM	2.45	N.A.	N.A.	2	1.23	N.A.	0	CVU
BURLEIGH	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
CANADA WOODS UPLAND	WM	58.35	28.4	N.A.	64	0.91	0.44	0	CVU
CARMEL RESERVES (SEPT. RANCH)	WM	1.38	N.A.	N.A.	1	1.38	N.A.	0	CVU
CASS WDS	WM	2.44	N.A.	N.A.	1	2.44	N.A.	0	CVU
CHAZEN (formerly FRUMKIN)	WM	0.21	N.A.	N.A.	1	0.21	N.A.	0	CVU
CHOPIN	WM	0.00	N.A.	N.A.	1	0.00	N.A.	0	CVU
COOPER	WM	0.00	0.0	0.0%	0	0.00	N.A.	0	CVU
COUNTRY CLUB ROAD	LU	1.40	N.A.	N.A.	5	0.28	N.A.	0	CVU
D. GRIGGS	WM	8.58	N.A.	N.A.	1	8.58	N.A.	0	CVU
DALE	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
DALIRI (nee SADDLE RD GROUP)	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
DOBBAS	WM	1.00	N.A.	N.A.	1	1.00	N.A.	0	CVU
DOLLASE	WM	2.25	N.A.	N.A.	4	0.56	N.A.	0	CVU
DUFFY (formerly GUENTHER)	WM	1.01	N.A.	N.A.	1	1.01	N.A.	0	CVU
DYER	WM	0.66	N.A.	N.A.	1	0.66	N.A.	0	CVU
FOREMAN	WM	0.00	0.0	0.0%	1	0.00	N.A.	0	CVU
FRANKS	WM	1.25	N.A.	N.A.	1	1.25	N.A.	0	CVU
GARZA (formerly GARREN QM)	WM	1.81	N.A.	N.A.	1	1.81	N.A.	0	CVU
GOODRICH-POTRERO	WM	0.00	N.A.	0.0%	0	N.A.	N.A.	0	CVU
GRANITE WDS	WM	3.21	N.A.	0.0%	1	3.21	0.00	0	CVU
GREENWALL-Baigent (was KING)	WM	0.01	N.A.	N.A.	0	N.A.	N.A.	0	CVU
HAMERSLOUGH (LITT)	WM	0.00	N.A.	0.0%	1	0.00	N.A.	0	CVU
HELENIUS (LYON) WDS	WM	0.28	N.A.	N.A.	1	0.28	N.A.	0	CVU
HILLTOP RANCH	WM	6.14	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	CVU
HOLBROOK (POSPISHIL) WDS	WM	0.00	N.A.	N.A.	0	N.A.	N.A.	0	CVU
HYLES (RIVERA)	WM	0.29	N.A.	N.A.	1	0.29	N.A.	0	CVU
JABIN/BOUC WDS (PAGE/BOUC)	WM	2.66	N.A.	N.A.	2	1.33	N.A.	0	CVU
JOHNSON	WM	0.33	N.A.	N.A.	1	0.33	N.A.	0	CVU
KAMINSKI	WM	0.12	N.A.	N.A.	1	0.12	N.A.	0	CVU
KORSTANJE (CARDINALLI) WDS	WM	0.09	N.A.	N.A.	1	0.09	N.A.	0	CVU
LARSON	WM	0.09	0.1	0.0%	1	0.00	0.00	0	CVU
LONG RIDGE SLCSD	WM	4.00	N.A.	N.A.	123	0.03	N.A.	0	CVU
LOS ROBLES ROAD	WM	20.21	N.A.	N.A.	6	3.37	N.A.	0	CVU
MARCUS (TOBEY-WAGNER) WDS	WM	1.10	N.A.	N.A.	1	1.10	N.A.	0	CVU
MARQUEZ (CONDON)	WM	0.19	0.0	0.0%	1	0.00	N.A.	1	CVU
MESSIER (formerly GIBSON)	WM	15.38	N.A.	N.A.	1	15.38	N.A.	0	CVU
NEWSOME	WM	1.12	N.A.	N.A.	1	1.12	N.A.	0	CVU
NIXON (FLAGLER)	WM	0.00	0.0	0.0%	1	0.00	0.00	0	CVU
OH WELL/CAMPBELL (POOLE)	WM	0.30	0.0	0.0%	1	0.00	0.00	0	CVU
OLSON (OUTZEN)	WM	0.21	N.A.	N.A.	1	0.21	N.A.	0	CVU

EXHIBIT 3-A

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
WATER DISTRIBUTION SYSTEM REPORT - WATER YEAR 2020

SYSTEM	REPORTING METHOD	PRODUCTION (AF)	DELIVERY (AF)	UNACCOUNTED (%)	CONNECTIONS ACTIVE	CONNECTIONS AVG. PROD./ CONNECTION (AF)	CONNECTIONS AVG. DEL./ CONNECTION (AF)	CONNECTIONS NEW	SOURCE AREA
P&M RANCH	WM	N.A.	N.A.	N.A.	6	N.A.	N.A.	0	CVU
PATTERSON (WHITE)	WM	0.06	0.0	0.0%	1	0.00	0.00	0	CVU
PEBKAR	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
PELIO	WM	6.35	N.A.	N.A.	1	6.35	N.A.	0	CVU
QUAIL MEADOWS DR. (Walters)	WM	0.04	0.0	0.0%	1	0.00	0.00	1	CVU
R. JONES	WM	0.14	N.A.	N.A.	1	0.14	N.A.	0	CVU
RANCHO DE ROBLEDEO	WM	8.89	N.A.	N.A.	7	1.27	N.A.	0	CVU
RICHES	WM	0.09	N.A.	N.A.	1	0.09	N.A.	0	CVU
ROBERTS	WM	2.24	N.A.	N.A.	1	2.24	N.A.	0	CVU
RODDICK	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
RUHNKE (EVANS) WDS	WM	1.21	N.A.	N.A.	0	N.A.	N.A.	0	CVU
RUTHERFORD (BUCHHOLZ)	WM	3.34	N.A.	N.A.	1	3.34	N.A.	0	CVU
SADDLE MOUNTAIN	WM	4.42	N.A.	N.A.	26	0.17	N.A.	0	CVU
SAXTON	WM	0.02	N.A.	N.A.	1	0.02	N.A.	0	CVU
SCHULTE ROAD	WM	3.31	N.A.	N.A.	5	0.66	N.A.	0	CVU
SCHWARTZ	WM	0.90	0.0	0.0%	1	0.00	0.00	0	CVU
SLEEPY HOLLOW	WM	40.03	N.A.	N.A.	25	1.60	N.A.	2	CVU
SLEEPY HOLLOW 16/COLLINS	WM	0.00	0.0	0.0%	0	0.00	N.A.	0	CVU
SLEEPY HOLLOW 17/DOLAH	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
SMITH (GARCIA)	WM	0.10	N.A.	0.0%	1	0.00	N.A.	1	CVU
STEMPLE	WM	0.00	N.A.	N.A.	1	0.00	N.A.	0	CVU
SYCAMORE STABLES	WM	1.78	N.A.	0.0%	1	1.78	N.A.	0	CVU
TAO WOODS MUTUAL	WM	1.34	N.A.	N.A.	4	0.34	N.A.	0	CVU
UNITARIAN CHURCH	WM	0.17	N.A.	N.A.	2	0.09	N.A.	0	CVU
WARNER (formerly K. GRIGGS)	WM	2.72	N.A.	N.A.	1	2.72	N.A.	0	CVU
WASHBURN	WM	0.00	N.A.	N.A.	1	N.A.	N.A.	0	CVU
WEST	WM	0.29	N.A.	N.A.	1	0.29	N.A.	0	CVU
LEIBOVSKY (formerly PREW)WDS	WM	0.50	N.A.	N.A.	1	0.50	N.A.	0	CVU
ZBES (Belzberg)	WM	0.05	N.A.	N.A.	1	0.05	N.A.	0	CVU
CAW BISHOP UNIT	WM	152.96	130.6	14.6%	391	0.39	0.33	6	LSS
CAW HIDDEN HILLS UNIT	WM	132.54	110.6	16.6%	455	0.29	0.24	0	LSS
CAW RYAN RANCH UNIT	WM	54.03	47.9	11.3%	205	0.26	0.23	0	LSS
SPCA	WM	7.17	N.A.	N.A.	2	3.59	N.A.	0	LSS
ADRIAN	WM	1.10	N.A.	N.A.	1	1.10	N.A.	0	MIS
AGUAJITO ROAD	WM	1.57	N.A.	N.A.	4	0.39	N.A.	0	MIS
ANDERSON	WM	0.31	N.A.	N.A.	1	0.31	N.A.	0	MIS
AUERBACH (formerly THORP)	WM	0.00	N.A.	N.A.	1	0.00	N.A.	0	MIS
BUTLER (was TROSKY)	WM	1.35	0.0	0.0%	1	0.00	0.00	0	MIS
CAPPO (formerly TYDINGS)	WM	0.31	N.A.	N.A.	3	0.10	N.A.	0	MIS
CARMEL HILL	WM	0.03	0.0	N.A.	1	0.00	0.00	0	MIS
CASANOVA WDS	WM	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	0	MIS
CITY OF SAND CITY DESAL	WM	196.06	N.A.	N.A.	1	N.A.	N.A.	0	MIS
COFFEY (MELNICK)	WM	0.25	N.A.	N.A.	1	0.25	N.A.	0	MIS
COLGAC	WM	0.10	N.A.	N.A.	1	0.10	N.A.	0	MIS
HAU CHYI (from COX and HARTNETT)	WM	0.33	N.A.	N.A.	1	0.33	N.A.	0	MIS
CULLEN (MAYL)	WM	0.38	N.A.	N.A.	1	0.38	N.A.	0	MIS
DEFIGUEIREDO (HEAD)	WM	6.39	N.A.	N.A.	1	6.39	N.A.	0	MIS
DMC	WM	0.25	N.A.	N.A.	1	0.25	N.A.	0	MIS
DUNNION	WM	0.56	N.A.	N.A.	1	0.56	N.A.	0	MIS
FLAGG HILL	WM	1.17	N.A.	N.A.	2	0.59	N.A.	0	MIS
FLORES 1 (formerly just "FLORES")	WM	0.11	N.A.	N.A.	1	0.00	0.00	0	MIS
FLORES 2 (formerly PISENTI)	WM	0.00	0.0	0.0%	1	0.00	0.00	1	MIS
GOLLOGY (formerly Garren Highlands)	WM	0.04	N.A.	N.A.	1	0.04	N.A.	0	MIS
HIDDEN MESA	WM	0.36	N.A.	N.A.	3	0.12	N.A.	0	MIS
HULL (formerly KASHFI)	WM	0.00	0.0	0.0%	1	0.00	N.A.	1	MIS
LAUCH	WM	0.25	N.A.	N.A.	1	0.25	N.A.	0	MIS
LENZ-KENDALL	WM	1.31	N.A.	N.A.	1	1.31	N.A.	0	MIS
MONTERRA RANCH	WM	61.98	33.9	15.7%	121	0.51	0.28	3	MIS
OCEAN VIEW CSD	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
PT.LOBOS RANCH	WM	3.90	N.A.	N.A.	3	1.30	N.A.	0	MIS
RANCHITOS DE AGUAJITO	WM	5.45	N.A.	N.A.	10	0.55	N.A.	0	MIS
REGAN - ALLEN RANCH	WM	2.05	N.A.	N.A.	1	2.05	N.A.	0	MIS
RILEY RANCH	WM	0.87	N.A.	N.A.	3	0.29	N.A.	0	MIS
RODATOS (GREEK ORTHODOX)	WM	0.02	N.A.	N.A.	1	0.02	N.A.	0	MIS
SENA TRUST	WM	0.00	N.A.	N.A.	2	0.00	N.A.	0	MIS
SILVESTRI	WM	4.40	N.A.	N.A.	1	4.40	N.A.	0	MIS
STEPHEN PLACE	WM	0.13	N.A.	N.A.	1	0.00	0.00	1	MIS
STOFER/RANCHO U (was CAROLL)	WM	0.42	N.A.	N.A.	1	0.42	N.A.	0	MIS
SUNRISE SENIOR CENTER	WM	0.52	N.A.	N.A.	1	0.52	N.A.	0	MIS
VAN ESS	WM	0.00	N.A.	N.A.	0	0.00	N.A.	0	MIS
TOTALS:		**10,371.13**			**40,186**			**39**	

EXHIBIT 3-A

WATER DISTRIBUTION SYSTEM REPORT – WATER YEAR 2020

Notes:

1. Information shown is as provided by system owners and operators unless otherwise noted.
2. Methods for reporting production are either Land Use (LU) or Water Meter (WM).
3. The source areas are as follows:
   AS1 – Upper Carmel Valley – San Clemente Dam to Esquiline Bridge
   AS2 – Mid Carmel Valley – Esquiline Bridge to Narrows
   AS3 – Lower Carmel Valley – Narrows to Via Mallorca Bridge
   AS4 – Via Mallorca Bridge to Lagoon
   SCS – Seaside Coastal Subareas
   CAC – Cachagua
   CVU – Carmel Valley Upland
   LSS – Laguna Seca Subarea
   MIS – Peninsula, Carmel Highlands and San Jose Creek areas
4. California American Water (Cal-Am) Main System production includes 2,714.6 AF from Seaside coastal wells and 7,274.5 AF from Carmel Valley wells. No water was transferred to the Seaside Municipal Water System in WY 2020. The Carmel Valley well total includes 2.76 AF transferred to the Ryan Ranch Unit in 2020. 196.1 AF of potable water were produced by the City of Sand City Desalination Plant, provided to the main system, and are shown on the Water Distribution System Report. That 196.1 AF, however, is subtracted from the total production for all systems as it is included as a component of production for the Cal-Am Main System. 916.5 AF of water was provided for injection to ASR wells in the Seaside Basin from Cal-Am wells in Carmel Valley. 806.05 AF of injected ASR water was recovered from Seaside coastal wells in WY 2020, but is not included as it was already counted when it was originally produced prior to injection. Also, 88.4 AF of water was recovered from Pure Water Monterey in WY 2020.
5. Cal-Am's main system deliveries total 8,385.11 AF. This total was derived as shown:

Reported Cal-Am Consumption Water Year 2020 (AF)	
City Total	5,784.97
County Total	2,600.13
subtotal	8,385.10
CV Irrigation	0.01
Total	8,385.11

6. N.A. refers to data that are not available and N.R. refers to systems that did not report.
7. The Mal Paso WDS was approved in WY 2016, which also required an amendment to the CAW WDS that occurred at the end of WY 2015. 60.73 AF of potable water were produced by the from the Mal Paso well in WY 2020, provided to the main system, and are shown on the Water Distribution System Report. That amount is subtracted from the total production for all systems as it is included as a component of production for the Cal-Am Main System. Also, the Monterra Ranch, Cañada Woods North (Upland) and Cañada Woods (Alluvial) WDSs were combined to form the *Cañada Woods Water Company WDS* in 2005, although they are reported separately here to facilitate historical comparisons.
8. The names of Cachagua Road #1 and #2 were switched in Reporting Year 1999 to agree with records of the Monterey County Department of Health. Older District records have the names of these two systems reversed.
9. Bishop Unit is operated by Cal-Am; acquired July 1999.
10. Rancho Fiesta has been operated by Cal-Am for over 25 years; all production and delivery is by the main Cal-Am system. Accordingly, the Rancho Fiesta system is not tracked separately in this report.
11. Hidden Hills was formerly referred to as Carmel Valley Mutual. It was annexed to Cal-Am in 1993. In WY 2020, 0.08 AF of water was transferred from Hidden Hills to the Toro System.

12. The Ryan Ranch Unit is owned and operated by Cal-Am. 2.76 AF produced by wells in Cal-Am's Main System were delivered to the Ryan Ranch Unit in WY 2020 and were included with Cal-Am Main System total production.
13. Two WDS permits were approved in WY 2020; the Cal-Am Bishop/Ryan Ranch WDS and the McIntosh WDS. Both of these were essentially amendments to the Cal-Am WDS formally allowing transfer of water between these satellite systems and between the Cal-Am Main WDS and these satellites, The practice had been going on for years and has always been tracked in these notes.
14. Three systems that are operated by the Canada Woods Water company are tracked separately in this table but are part of an interconnected system. For the CWWC, consumption loss includes water line flushing and unmetered construction and irrigation uses. Beginning in 2010, system loss calculations were revised by CWWC to present a single composite loss value.

EXHIBIT 3-B

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
WATER DISTRIBUTION SYSTEM REPORT - WATER YEAR 2019

					CONNECTIONS				
SYSTEM	REPORTING METHOD	PRODUCTION (AF)	DELIVERY (AF)	UNACCOUNTED (%)	ACTIVE	AVG. PROD./ CONNECTION (AF)	AVG. DEL./ CONNECTION (AF)	NEW	SOURCE AREA
CAW (CAL-AM) Main System	WM	9,351.82	8,256.97	11.7%	37,701	0.25	0.22	42	AS1-4, SCS
SEASIDE MUNI	WM	177.98	161.63	9.2%	790	0.23	0.20	15	SCS
MPWMD ASR-1	WM	0.00	N.A.	N.A.	1	0.00	N.A.	0	SCS
MONTEREY BAY SHORES	WM	0.00	0.0	0.0%	0	0.00	0.0	0	SCS
ABADIR (A)	WM	0.00	0.0	0.0%	0	0.00	0.00	0	AS2
ABADIR C (MANSON)	WM	0.01	N.A.	N.A.	1	0.01	N.A.	0	AS2
ANIMAL FARM	WM	0.77	N.A.	N.A.	1	0.77	N.A.	0	AS2
CARMEL VALLEY ROAD II	WM	2.54	N.A.	N.A.	4	0.64	N.A.	0	AS2
CHANEY/SCHAFFER	LU	0.33	N.A.	N.A.	2	0.17	N.A.	0	AS2
FAIR WEATHER	LU	1.37	N.A.	N.A.	2	0.69	N.A.	0	AS2
GOOD NEIGHBOR	LU	1.23	N.A.	N.A.	2	0.62	N.A.	0	AS2
JONES	LU	0.23	N.A.	N.A.	1	0.23	N.A.	0	AS2
AIELLO	WM	0.33	N.A.	N.A.	1	0.33	N.A.	0	AS3
ALADWELL (ADDISON)	WM	2.66	N.A.	N.A.	2	1.33	N.A.	0	AS3
ALL SAINTS	WM	0.43	N.A.	N.A.	1	0.43	N.A.	0	AS3
CANADA WOODS ALLUVIAL	WM	154.80	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	AS3
LATTA DOM. (was BARDIS 2)	WM	0.14	N.A.	N.A.	1	0.14	0.00	0	AS3
LATTA IRRIG. (was BARDIS 2)	WM	2.43	N.A.	N.A.	1	2.43	N.A.	0	AS3
RANCHO SAN CARLOS ROAD	WM	2.60	N.A.	N.A.	3	0.87	N.A.	0	AS3
RIVERSIDE RV PARK	WM	14.73	N.A.	N.A.	N.A.	N.A.	N.A.	0	AS3
RSCRd#3/HATTON RANCHO	WM	3.31	N.A.	N.A.	3	1.10	N.A.	0	AS3
SAN MARCO	WM	1.37	N.A.	N.A.	3	0.46	N.A.	0	AS3
SCHUT/JONES	LU	2.72	N.A.	N.A.	2	1.36	N.A.	0	AS3
SELLE	LU	0.09	N.A.	N.A.	2	0.05	N.A.	0	AS3
ST. DUNSTAN'S	WM	0.16	N.A.	N.A.	1	0.16	N.A.	0	AS3
CARMEL GREENS	WM	15.02	N.A.	N.A.	1	15.02	N.A.	0	AS4
CLARK/WELLS FARGO	WM	0.00	0.0	0.0%	0	0.00	0.00	0	AS4
MAL PASO	WM	87.06	N.A.	0.0%	0	0.00	0.00	0	AS4
CACHAGUA RD. 1	WM	0.54	N.A.	N.A.	3	0.18	N.A.	0	CAC
CACHAGUA RD. 2	LU	0.92	N.A.	N.A.	9	0.10	N.A.	0	CAC
NASON ROAD	LU	0.00	N.A.	N.A.	4	0.00	N.A.	0	CAC
PRINCES CAMP	WM	7.28	N.A.	N.A.	50	0.15	N.A.	0	CAC
VALLEY CREEK (JENSEN) MHP	WM	6.62	N.A.	N.A.	24	0.28	N.A.	0	CAC
218 RANCH (ZOE)	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
AGUA FRESCA	WM	2.90	N.A.	N.A.	2	1.45	N.A.	0	CVU
AMATYA	WM	0.06	N.A.	N.A.	1	0.00	N.A.	0	CVU
BELLAMY	WM	0.68	N.A.	N.A.	1	0.68	N.A.	0	CVU
BENTLEY (RUSEK)	WM	0.01	N.A.	N.A.	1	0.01	N.A.	0	CVU
BOOTH	WM	0.29	N.A.	N.A.	1	0.29	N.A.	0	CVU
BOSSO	WM	2.13	N.A.	N.A.	2	1.07	N.A.	0	CVU
BURLEIGH	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
CANADA WOODS UPLAND	WM	94.01	28.1	N.A.	69	1.36	0.41	2	CVU
CARMEL RESERVES (SEPT. RANCH)	WM	2.39	N.A.	N.A.	1	2.39	N.A.	0	CVU
CASS WDS	WM	2.09	N.A.	N.A.	1	2.09	N.A.	0	CVU
CHAZEN (formerly FRUMKIN)	WM	0.10	N.A.	N.A.	1	0.10	N.A.	0	CVU
CHOPIN	WM	0.00	N.A.	N.A.	1	0.00	N.A.	0	CVU
COOPER	WM	0.00	0.0	0.0%	0	0.00	N.A.	0	CVU
COUNTRY CLUB ROAD	LU	1.40	N.A.	N.A.	5	0.28	N.A.	0	CVU
D. GRIGGS	WM	5.77	N.A.	N.A.	1	5.77	N.A.	0	CVU
DALE	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
DALIRI (nee SADDLE RD GROUP)	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
DOBBAS	WM	0.80	N.A.	N.A.	1	0.80	N.A.	0	CVU
DOLLASE	WM	11.88	N.A.	N.A.	4	2.97	N.A.	0	CVU
DUFFY (formerly GUENTHER)	WM	0.57	N.A.	N.A.	1	0.57	N.A.	0	CVU
DYER	WM	0.70	N.A.	N.A.	1	0.70	N.A.	0	CVU
FOREMAN	WM	0.00	0.0	0.0%	1	0.00	N.A.	0	CVU
FRANKS	WM	1.33	N.A.	N.A.	1	1.33	N.A.	0	CVU
GARZA (formerly GARREN QM)	WM	1.34	N.A.	N.A.	1	1.34	N.A.	0	CVU
GOODRICH-POTRERO	WM	0.00	N.A.	0.0%	0	N.A.	N.A.	0	CVU
GRANITE WDS	WM	2.35	N.A.	0.0%	1	2.35	0.00	0	CVU
GREENWALL-Kyung Cho (was KING)	WM	0.00	N.A.	N.A.	0	N.A.	N.A.	0	CVU
HAMERSLOUGH (LITT)	WM	0.00	N.A.	0.0%	1	0.00	N.A.	0	CVU
HELENIUS (LYON) WDS	WM	0.12	N.A.	N.A.	1	0.12	N.A.	0	CVU
HILLTOP RANCH	WM	6.49	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	CVU
HOLBROOK (POSPISHIL) WDS	WM	0.00	N.A.	N.A.	0	N.A.	N.A.	0	CVU
HYLES (RIVERA)	WM	0.19	N.A.	N.A.	1	0.19	N.A.	0	CVU
JABIN/BOUC WDS (PAGE/BOUC)	WM	4.08	N.A.	N.A.	2	2.04	N.A.	0	CVU
JOHNSON	WM	0.22	N.A.	N.A.	1	0.22	N.A.	0	CVU
KAMINSKI	WM	0.03	N.A.	N.A.	1	0.03	N.A.	0	CVU
KORSTANJE (CARDINALLI) WDS	WM	0.09	N.A.	N.A.	1	0.09	N.A.	0	CVU
LARSON	WM	0.00	0.1	0.0%	1	0.00	0.00	0	CVU
LONG RIDGE SLCSD	WM	3.43	N.A.	N.A.	123	0.03	N.A.	0	CVU
LOS ROBLES ROAD	WM	15.71	N.A.	N.A.	6	2.62	N.A.	0	CVU
MARCUS (TOBEY-WAGNER) WDS	WM	0.81	N.A.	N.A.	1	0.81	N.A.	0	CVU
MARQUEZ (CONDON)	WM	0.00	0.0	0.0%	1	0.00	N.A.	1	CVU
MESSIER (formerly GIBSON)	WM	0.61	N.A.	N.A.	1	0.61	N.A.	0	CVU
NEWSOME	WM	0.76	N.A.	N.A.	1	0.76	N.A.	0	CVU
NIXON (FLAGLER)	WM	0.00	0.0	0.0%	1	0.00	0.00	0	CVU
OH WELL/CAMPBELL (POOLE)	WM	0.07	0.0	0.0%	1	0.00	0.00	0	CVU
OLSON (OUTZEN)	WM	0.08	N.A.	N.A.	1	0.08	N.A.	0	CVU

EXHIBIT 3-B

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT									
WATER DISTRIBUTION SYSTEM REPORT - WATER YEAR 2019									
					CONNECTIONS				
SYSTEM	REPORTING METHOD	PRODUCTION (AF)	DELIVERY (AF)	UNACCOUNTED (%)	ACTIVE	AVG. PROD./ CONNECTION (AF)	AVG. DEL./ CONNECTION (AF)	NEW	SOURCE AREA
P&M RANCH	WM	9.71	N.A.	N.A.	6	1.62	N.A.	0	CVU
PATTERSON (WHITE)	WM	0.01	0.0	0.0%	1	0.00	0.00	0	CVU
PEBKAR	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
PELIO	WM	10.22	N.A.	N.A.	1	N.A.	N.A.	0	CVU
QUAIL MEADOWS DR. (Ullman)	WM	1.97	0.0	0.0%	1	0.00	0.00	1	CVU
R. JONES	WM	0.18	N.A.	N.A.	1	0.18	N.A.	0	CVU
RANCHO DE ROBLEDEO	WM	7.91	N.A.	N.A.	7	1.13	N.A.	0	CVU
RICHES	WM	0.00	0.0	0.0%	1	0.00	N.A.	0	CVU
ROBERTS	WM	1.61	N.A.	N.A.	1	1.61	N.A.	0	CVU
RODDICK	WM	9.82	0.0	0.0%	0	0.00	0.00	0	CVU
RUHNKE (EVANS) WDS	WM	0.21	N.A.	N.A.	0	N.A.	N.A.	0	CVU
RUTHERFORD (BUCHHOLZ)	WM	3.46	N.A.	N.A.	1	3.46	N.A.	0	CVU
SADDLE MOUNTAIN	WM	3.61	N.A.	N.A.	26	0.14	N.A.	0	CVU
SAXTON	WM	0.11	N.A.	N.A.	1	0.11	N.A.	0	CVU
SCHULTE ROAD	WM	3.42	N.A.	N.A.	5	0.68	N.A.	0	CVU
SCHWARTZ	WM	0.65	0.0	0.0%	1	0.00	0.00	0	CVU
SLEEPY HOLLOW	WM	56.25	N.A.	N.A.	25	2.25	N.A.	2	CVU
SLEEPY HOLLOW 16/COLLINS	WM	0.00	0.0	0.0%	0	0.00	N.A.	0	CVU
SLEEPY HOLLOW 17/DOLAH	WM	0.00	0.0	0.0%	0	0.00	0.00	0	CVU
SMITH (GARCIA)	WM	0.00	0.0	0.0%	1	0.00	N.A.	1	CVU
STEMPLE	WM	0.00	N.A.	N.A.	1	0.00	N.A.	0	CVU
SYCAMORE STABLES	WM	0.52	N.A.	0.0%	1	0.52	N.A.	0	CVU
TAO WOODS MUTUAL	WM	0.96	N.A.	N.A.	4	0.24	N.A.	0	CVU
UNITARIAN CHURCH	WM	0.12	N.A.	N.A.	2	0.06	N.A.	0	CVU
WARNER (formerly K. GRIGGS)	WM	2.37	N.A.	N.A.	1	2.37	N.A.	0	CVU
WASHBURN	WM	0.01	N.A.	N.A.	1	N.A.	N.A.	0	CVU
WEST	WM	0.24	N.A.	N.A.	1	0.24	N.A.	0	CVU
WOODS (formerly PREW)WDS	WM	0.53	N.A.	N.A.	1	0.53	N.A.	0	CVU
ZBES (Belzberg)	WM	0.10	N.A.	N.A.	1	0.10	N.A.	0	CVU
CAW BISHOP UNIT	WM	124.86	89.6	28.2%	385	0.32	0.23	6	LSS
CAW HIDDEN HILLS UNIT	WM	118.76	89.6	24.6%	456	0.26	0.20	2	LSS
CAW RYAN RANCH UNIT	WM	56.39	49.6	12.1%	192	0.29	0.26	1	LSS
SPCA	WM	10.09	N.A.	N.A.	2	5.05	N.A.	0	LSS
ADRIAN	WM	1.14	N.A.	N.A.	1	1.14	N.A.	0	MIS
AGUAJITO ROAD	WM	1.61	N.A.	N.A.	4	0.40	N.A.	0	MIS
ANDERSON	WM	0.39	N.A.	N.A.	1	0.39	N.A.	0	MIS
AUERBACH (formerly THORP)	WM	0.00	N.A.	N.A.	1	0.00	N.A.	0	MIS
BUTLER (was TROSKY)	WM	1.12	0.0	0.0%	1	0.00	0.00	0	MIS
CAPPO (formerly TYDINGS)	WM	0.30	N.A.	N.A.	3	0.10	N.A.	0	MIS
CARMEL HILL	WM	0.00	0.0	0.0%	1	0.00	0.00	0	MIS
CASANOVA WDS	WM	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	0	MIS
CITY OF SAND CITY DESAL	WM	153.95	N.A.	N.A.	1	N.A.	N.A.	0	MIS
COFFEY (MELNICK)	WM	0.25	N.A.	N.A.	1	N.A.	N.A.	0	MIS
COLGAC	WM	0.09	N.A.	N.A.	1	0.00	N.A.	0	MIS
COX (HARTNETT)	WM	0.22	N.A.	N.A.	1	N.A.	N.A.	0	MIS
CULLEN (MAYL)	WM	0.44	N.A.	N.A.	1	0.00	N.A.	0	MIS
DEFIGUEIREDO (HEAD)	WM	0.00	N.A.	N.A.	1	0.00	N.A.	0	MIS
DMC	WM	0.01	N.A.	N.A.	1	0.01	N.A.	0	MIS
DUNNION	WM	0.83	N.A.	N.A.	1	0.83	N.A.	0	MIS
FLAGG HILL	WM	0.76	N.A.	N.A.	2	0.38	N.A.	0	MIS
FLORES 1 (formerly just "FLORES")	WM	0.76	N.A.	N.A.	1	0.00	0.00	0	MIS
FLORES 2 (formerly PISENTI)	WM	0.00	0.0	0.0%	1	0.00	0.00	1	MIS
GOLLOGY (formerly Garren Highlands)	WM	0.06	N.A.	N.A.	1	0.06	N.A.	0	MIS
HIDDEN MESA	WM	0.35	N.A.	N.A.	3	0.12	N.A.	0	MIS
HULL (formerly KASHFI)	WM	0.00	0.0	0.0%	1	N.A.	N.A.	1	MIS
LAUCH	WM	0.17	N.A.	N.A.	1	0.17	N.A.	0	MIS
LENZ-KENDALL	WM	0.93	N.A.	N.A.	1	0.93	N.A.	0	MIS
MONTERRA RANCH	WM	65.71	31.1	15.7%	118	0.56	0.26	1	MIS
OCEAN VIEW CSD	WM	0.00	0.0	0.0%	0	0.00	0.00	0	MIS
PT.LOBOS RANCH	WM	4.77	N.A.	N.A.	3	1.59	N.A.	0	MIS
RANCHITOS DE AGUAJITO	WM	8.78	N.A.	N.A.	10	0.88	N.A.	0	MIS
REGAN - ALLEN RANCH	WM	1.47	N.A.	N.A.	1	1.47	N.A.	0	MIS
RILEY RANCH	WM	0.76	N.A.	N.A.	3	0.25	N.A.	0	MIS
RODATOS (GREEK ORTHODOX)	WM	0.03	N.A.	N.A.	1	0.03	N.A.	0	MIS
SENA TRUST	WM	0.00	N.A.	N.A.	2	0.00	N.A.	0	MIS
SILVESTRI	WM	8.31	N.A.	N.A.	1	8.31	N.A.	0	MIS
STEPHEN PLACE	WM	0.19	N.A.	N.A.	1	0.00	0.00	1	MIS
STOFFER/RANCHO U (was CAROLL)	WM	0.65	N.A.	N.A.	1	N.A.	N.A.	0	MIS
SUNRISE SENIOR CENTER	WM	0.49	N.A.	N.A.	1	0.49	N.A.	0	MIS
VAN ESS	WM	0.00	N.A.	N.A.	0	0.00	N.A.	0	MIS
TOTALS:		**10,681.63**			**40,159**			**77**	

EXHIBIT 3-B

WATER DISTRIBUTION SYSTEM REPORT – WATER YEAR 2019

Notes:

1. Information shown is as provided by system owners and operators unless otherwise noted.
2. Methods for reporting production are either Land Use (LU) or Water Meter (WM).
3. The source areas are as follows:
   AS1 – Upper Carmel Valley – San Clemente Dam to Esquiline Bridge
   AS2 – Mid Carmel Valley – Esquiline Bridge to Narrows
   AS3 – Lower Carmel Valley – Narrows to Via Mallorca Bridge
   AS4 – Via Mallorca Bridge to Lagoon
   SCS – Seaside Coastal Subareas
   CAC – Cachagua
   CVU – Carmel Valley Upland
   LSS – Laguna Seca Subarea
   MIS – Peninsula, Carmel Highlands and San Jose Creek areas
4. California American Water (Cal-Am) Main System production includes 2,564.5 AF from Seaside coastal wells and 6,970.7 AF from Carmel Valley wells. No water was transferred to the Seaside Municipal Water System in WY 2019. The Carmel Valley well total includes 2.34 AF transferred to the Ryan Ranch Unit in 2019. 153.9 AF of potable water were produced by the City of Sand City Desalination Plant, provided to the main system, and are shown on the last line of the Water Distribution System Report. That 153.9 AF, however, is subtracted from the total production for all systems as it is included as a component of production for the Cal-Am Main System. 1,335.1 AF of water was provided for injection to ASR wells in the Seaside Basin from Cal-Am wells in Carmel Valley. 744.4 AF of injected ASR water was recovered from Seaside coastal wells in WY 2019, but is not included as it was already counted when it was originally produced prior to injection.
5. Cal-Am's main system deliveries total 8,256.97 AF. This total was derived as shown:

Reported Cal-Am Consumption Water Year 2019 (AF)	
City Total	5,752.83
County Total	2,504.08
subtotal	8,256.91
CV Irrigation	0.06
Total	8,256.97

6. N.A. refers to data that are not available and N.R. refers to systems that did not report.
7. The Mal Paso WDS was approved in WY 2016, which also required an amendment to the CAW WDS that occurred at the end of WY 2015. 87.06 AF was produced from the Mal Paso well in WY 2019, and that amount is included in production for the Cal-Am Main System. Also, the Monterra Ranch, Cañada Woods North (Upland) and Cañada Woods (Alluvial) WDSs were combined to form the *Cañada Woods Water Company WDS* in 2005, although they are reported separately here to facilitate historical comparisons.
8. The names of Cachagua Road #1 and #2 were switched in Reporting Year 1999 to agree with records of the Monterey County Department of Health. Older District records have the names of these two systems reversed.
9. Bishop Unit is operated by Cal-Am; acquired July 1999.
10. Rancho Fiesta has been operated by Cal-Am for over 25 years; all production and delivery is by the main Cal-Am system. Accordingly, the Rancho Fiesta system is not tracked separately in this report.
11. Hidden Hills was formerly referred to as Carmel Valley Mutual. It was annexed to Cal-Am in 1993. In WY 2019, no water was transferred from Hidden Hills to the Toro System.
12. The Ryan Ranch Unit is owned and operated by Cal-Am. 2.34 AF produced by wells in Cal-Am's Main System were delivered to the Ryan Ranch Unit in WY 2019 and were included with Cal-Am Main System total production.

13. Three systems that are operated by the Canada Woods Water company are tracked separately in this table but are part of an interconnected system. For the CWWC, consumption loss includes water line flushing and unmetered construction and irrigation uses. Beginning in 2010, system loss calculations were revised by CWWC to present a single composite loss value.

ITEM: CONSENT CALENDAR

4. RECEIVE AND FILE DISTRICT-WIDE ANNUAL WATER PRODUCTION SUMMARY REPORT FOR WATER YEAR 2020

Meeting Date:	**April 19, 2021**	**Budgeted:**	**N/A**
From:	**David Stoldt, General Manager**	**Program/ Line Item No.:**	**Hydrologic Monitoring N/A**
Prepared By:	**Thomas Lindberg**	**Cost Estimate:**	**N/A**

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

SUMMARY: Staff has prepared a draft Water Production Summary Report of all registered production sources, i.e., wells and surface water diversions, within the Monterey Peninsula Water Management District (District) for Water Year (WY) 2020. WY 2020 covers the 12-month period from October 1, 2019 through September 30, 2020. Preliminary computations indicate that 13,777 acre-feet (AF) of groundwater were produced from registered wells in the District during WY 2020 (**Exhibit 4-A**). In addition, 67 AF of surface water were diverted by private users. Combined surface and groundwater production from all sources within the District in WY 2020 was calculated at 13,843 AF. This report presents comparisons of California American Water (Cal-Am) and non Cal-Am production in WY 2020 and WY 2019, and compares production with the District's current water allocation program limits.

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

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

Number of Wells – Presently, there are 1,304 registered wells in the District. Of this total, 871 wells are active, and 413 wells are inactive. A well is considered active if it has produced any water in the last reporting period, i.e., WY 2020. Information on 20 remaining registered wells is not available because reporting forms were not returned by owners of those wells prior to preparation of this report.

Data Adjustments – For certain wells, staff estimated actual production to more accurately quantify water produced during WY 2020. Data adjustments were required to estimate water production from 32 wells that had either incomplete water meter records or reported water

production for a period longer than the water year. Production from metered wells with incomplete records was estimated by using generalized non Cal-Am monthly distribution factors developed by staff. In 21 cases, production records were incomplete because reported meter readings covered a period shorter than WY 2020. Seven of those records were incomplete because meters were not working or were replaced or repaired after the start of WY 2020. The application of monthly distribution factors allowed staff to reasonably account for the percentage of production that was not reported for each of these wells, which was then added to the annual total for these wells. There were 12 cases in which production was reported for a period longer than 12 months. Estimates of the amounts that were over-reported were made based on the monthly distribution factors. These amounts were then subtracted from the reported totals. There were also 7 cases where adjustments were made due to "order of magnitude issues" resulting from well owners incorrectly reading their water meters.

District-wide Production - Preliminary production values for WY 2020 are summarized by reporting method (i.e., Water Meter or Land Use), reporting status (i.e., active, inactive, or not reporting), and source area in **Exhibit 4-A**. For comparison, production values for WY 2019 are presented in **Exhibit 4-B**. The various source areas are shown in **Exhibit 4-C**. The volume of water produced from each source area is shown in **Exhibit 4-D**. The number of active non Cal-Am wells and the volume of water produced by each reporting method from WY 2005 through WY 2020 are shown in **Exhibit 4-E**.

District-wide, total water production decreased by 42 AF (0.3%) in WY 2020 compared to WY 2019. Specifically, groundwater withdrawals decreased by 64 AF (0.5%), and surface diversions decreased by 20 AF (23.1%). No surface water has been diverted within the Cal-Am main system since WY 2003 because of seismic safety and sedimentation concerns at San Clemente Dam and Reservoir. San Clemente dam was removed in 2015.

Monterey Peninsula Water Resources System (MPWRS) – The MPWRS includes surface water in the Carmel River and its tributaries, and groundwater in the Carmel Valley alluvial aquifer, coastal subareas of the Seaside Groundwater Basin, including the Laguna Seca Subarea (LSS) of the Seaside Groundwater Basin. Overall water production within the MPWRS in WY 2020 decreased by 104 AF (0.9%) compared to WY 2019. Specifically, Cal-Am production in WY 2020 decreased by 569 AF (5.6%), and non Cal-Am well production increased by 464 AF (18.5%). Cal-Am production from Carmel Valley decreased 696 AF (8.7%), and Cal-Am production from the Seaside Basin increased by 127 AF (6.0%). Non Cal-Am production from Carmel Valley increased by 433 AF (24.2%) compared to WY 2019, and non Cal-Am production from the Seaside Basin increased by 31 AF (4.4%). In WY 2020, 196 AF of potable water that was produced by the City of Sand City Desalination Plant was added to Cal-Am production because it was delivered to the Cal-Am main system.

In WY 2020, 916 AF were diverted from Cal-Am well sources in Carmel Valley for injection at the Aquifer Storage and Recovery (ASR) Projects in the Seaside Basin. 806 AF of recovery water was produced for Cal-Am Customer Service in WY 2020. For reference, since the District's Seaside ASR Program began testing in WY 1998 through the end of WY 2020, a total of 10,813 AF has been injected into the Seaside Basin.

Water Allocation Program – With respect to the District's Water Allocation Program limits, Cal-Am production from the MPWRS in WY 2020 was 9,520 AF, or 8,121 AF (46.0%) less than the Cal-Am production limit of 17,641 AF that was established with the adoption of Ordinance No. 87 in 1997. Non Cal-Am production within the MPWRS in WY 2020 was 2,968 AF, or 78 AF (2.6%) less than the non Cal-Am production limit of 3,046 AF established by Ordinance No. 87. Combined production from Cal-Am and non Cal-Am sources within the MPWRS was 12,488 AF in WY 2020, which is 8,199 acre-feet (39.6%) less than the 20,687 acre-feet production limit set for the MPWRS as part of the District's Water Allocation Program. Therefore, no action is necessary at this time, although staff will continue to monitor production trends within the MPWRS and District-wide. A comparison of reported water production from the MPWRS in Reporting Year 1997, WY 2007, and WY 2020 relative to the District's Water Allocation limits is presented in **Exhibit 4-F**. 1997 was the last time the production limits were adjusted. Prior to 2008, the LSS was not included in the MPWRS, but was added with the adoption of Ordinance 135 on September 22, 2008. However, the production limits in the District's Allocation Program did not change. Production from the MPWRS in RY 1997 and WY 2007 presented in **Exhibit 4-F** has been adjusted to include production from the LSS. Production from non-Cal-Am sources has not fluctuated a great deal, and since production from LSS is included, non-Cal-Am production has been over the production limit several years. Historical Cal-Am production presented in **Exhibit 4-F** was also adjusted to include production from the LSS. Cal-Am production from the MPWRS has greatly decreased, and since Cal-Am represents such a large portion of total production, combined production from Cal-Am and non-Cal-Am sources has also decreased over the last several years.

Lastly, it should be noted that 99% of the groundwater production within the District was reported by the water meter method in WY 2020. In addition, 98% of registered well owners in the District reported annual production for their wells in WY 2020.

EXHIBITS

4-A District-wide Water Production Summary for Water Year 2020
4-B District-wide Water Production Summary for Water Year 2019
4-C MPWMD Water Production Source Areas
4-D Water Production by Source Area for Water Year 2020
4-E District-wide Production and Number of Wells by Reporting Method for non Cal-Am Wells in WY 2005 through WY 2020
4-F Comparison of Reported Production to Production Limits within the MPWRS in RY 2007, WY 2007 and WY 2020

EXHIBIT 4-A

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
DRAFT WATER PRODUCTION SUMMARY FOR WATER YEAR 2020

SOURCE AREAS [1, 2]	NON CAW (NON CAL-AM) WELLS						CAW (CAL-AM) WELLS		AQUIFER SUBUNIT TOTALS	
	WATER METER		LAND USE		SUB-TOTAL		WATER METER			
	NO. OF WELLS	PRODUCTION [3] (AF)	NO. OF WELLS	PRODUCTION (AF)	NO. OF WELLS	PRODUCTION (AF)	NO. OF WELLS	PRODUCTION (AF)	NO. OF WELLS	PRODUCTION (AF)
AS1	10	123.3	1	0.1	11	123.4	0	0.0	11	123.4
AS2	63	183.7	27	27.0	90	210.6	4	954.7	94	1,165.3
AS3	141	1,242.0	38	24.8	179	1,266.8	8	[5] 5,879.0	187	7,145.8
AS4	24	216.4	4	0.6	28	216.9	2	440.9	30	657.8
SCS	12	741.9	2	1.3	14	743.2	6	1,908.6	20	2,651.7
LSS	9	392.2	1	2.8	10	395.0	4	336.8	14	731.7
CAC	7	35.7	5	7.1	12	42.8	0	0.0	12	42.8
CVU	313	676.1	43	35.1	356	711.2	0	0.0	356	711.2
MIS	137	345.2	10	5.5	147	350.7	0	0.0	147	350.7
ACTIVE	716	3,956.5	131	104.2	847	4,060.6	24	9,519.9	871	13,580.5
INACTIVE	376		31		407		6		413	
NOT REPORTING	15		5		20		0		20	
SAND CITY DESAL							0	196.1		adjusted for SC desal
METHOD TOTALS:	1,107	3,956.5	167	104.2	1,274	4,060.6	30	9,715.9	1,304	13,776.6

NOTES:
1. Shaded areas indicate production within the Monterey Peninsula Water Resources System. The LSS was added to the Monterey Peninsula Water Resources System in Septembter 2008.

2. CAW - California American Water

3. Source areas are as follows:
AS1 - UPPER CARMEL VALLEY - San Clemente Dam to Esquiline Bridge
AS2 - MID CARMEL VALLEY - Esquiline Bridge to Narrows
AS3 - LOWER CARMEL VALLEY - Narrows to Via Mallorca Bridge
AS4 - LOWER CARMEL VALLEY - Via Mallorca Bridge to Lagoon
SCS - SEASIDE COASTAL SUBAREAS
LSS - LAGUNA SECA SUBAREA (Ryan Ranch Area is within LSS)
CAC - CACHAGUA CREEK and UPPER WATERSHED AREAS
CVU - CARMEL VALLEY UPLAND - Hillsides and Tularcitos Creek Area
MIS - PENINSULA, CARMEL HIGHLANDS AND SAN JOSE CREEK AREAS
4. Any minor numerical discrepancies in addition are due to rounding.

5 916.49 AF is included in CAW production from AS3 to account for water delivered to ASR in WY 2020.

6. In Water Year 2020, this total includes water produced in both SCS and LSS, and does not include 806.05 AF of ASR water or 88.1 AF of Pure Water Monterey water that was recovered for customer service.

7. Production includes 2.76 AF to Ryan Ranch from CAW Main System in WY 2020. No water was delivered to Seaside Municipal System in WY 2020.

DISTRICT-WIDE PRODUCTION	
SURFACE WATER DIVERSIONS:	
CAW Diversions (San Clemente Dam):	0.0
Non Cal-Am Diversions Within MPWRS:	11.9
CAW WELLS:	
[6] SEASIDE:	2,245.3
CARMEL VALLEY:	7,274.5
Within the Water Resources System:	9,519.9
Outside the Water Resources System:	0.0
Sand City Desal	196.1
[7] CAW TOTAL, Wells and Diversion:	9,715.9
NON CAW WELLS:	
Within the Water Resources System:	2,955.9
Outside the Water Resources System:	1,104.7
Non Cal-Am Diversions Outside the MPWRS:	54.9
NON CAW TOTAL, Wells and Diversion:	4,127.4
GRAND TOTAL:	13,843.3

EXHIBIT 4-B

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
DRAFT WATER PRODUCTION SUMMARY FOR WATER YEAR 2019

SOURCE AREAS [1, 2]	NON CAW (NON CAL-AM) WELLS						CAW (CAL-AM) WELLS		AQUIFER SUBUNIT TOTALS	
	WATER METER		LAND USE		SUB-TOTAL		WATER METER			
	NO. OF WELLS	PRODUCTION (AF) [3]	NO. OF WELLS	PRODUCTION (AF)	NO. OF WELLS	PRODUCTION (AF)	NO. OF WELLS	PRODUCTION (AF)	NO. OF WELLS	PRODUCTION (AF)
AS1	8	65.9	1	0.1	9	66.0	0	0.0	9	66.0
AS2	58	139.3	29	29.2	87	168.5	4	1,000.4	91	1,168.9
AS3	142	891.2	40	24.8	182	916.1	8	[5] 6,026.3	190	6,942.4
AS4	28	181.6	4	0.6	32	182.1	2	944.1	34	1,126.2
SCS	12	710.8	2	1.3	14	712.1	6	1,820.2	20	2,532.2
LSS	9	437.3	1	2.8	10	440.1	4	297.7	14	737.8
CAC	8	19.7	5	6.1	13	25.8	0	0.0	13	25.8
CVU	313	610.6	43	35.7	356	646.3	0	0.0	356	646.3
MIS	141	393.8	10	5.5	151	399.3	0	0.0	151	399.3
ACTIVE	718	3,364.9	135	106.1	853	3,470.9	24	10,088.6	877	13,559.5
INACTIVE	368		33		401		10		411	
NOT REPORTING	7		5		12		0		12	
SAND CITY DESAL							0	154.0		adjusted for SC desal
METHOD TOTALS:	1,093	3,364.9	173	106.1	1,266	3,470.9	34	10,242.5	1,300	13,713.5

NOTES:
1. Shaded areas indicate production within the Monterey Peninsula Water Resources System. The LSS was added to the Monterey Peninsula Water Resources System in Septembter 2008.

2. CAW - California American Water

3. Source areas are as follows:
AS1 - UPPER CARMEL VALLEY - San Clemente Dam to Esquiline Bridge
AS2 - MID CARMEL VALLEY - Esquiline Bridge to Narrows
AS3 - LOWER CARMEL VALLEY - Narrows to Via Mallorca Bridge
AS4 - LOWER CARMEL VALLEY - Via Mallorca Bridge to Lagoon
SCS - SEASIDE COASTAL SUBAREAS
LSS - LAGUNA SECA SUBAREA (Ryan Ranch Area is within LSS)
CAC - CACHAGUA CREEK and UPPER WATERSHED AREAS
CVU - CARMEL VALLEY UPLAND - Hillsides and Tularcitos Creek Area
MIS - PENINSULA, CARMEL HIGHLANDS AND SAN JOSE CREEK AREAS
4. Any minor numerical discrepancies in addition are due to rounding.

5 1,335.06 AF is included in CAW production from AS3 to account for water delivered to ASR in WY 2019.

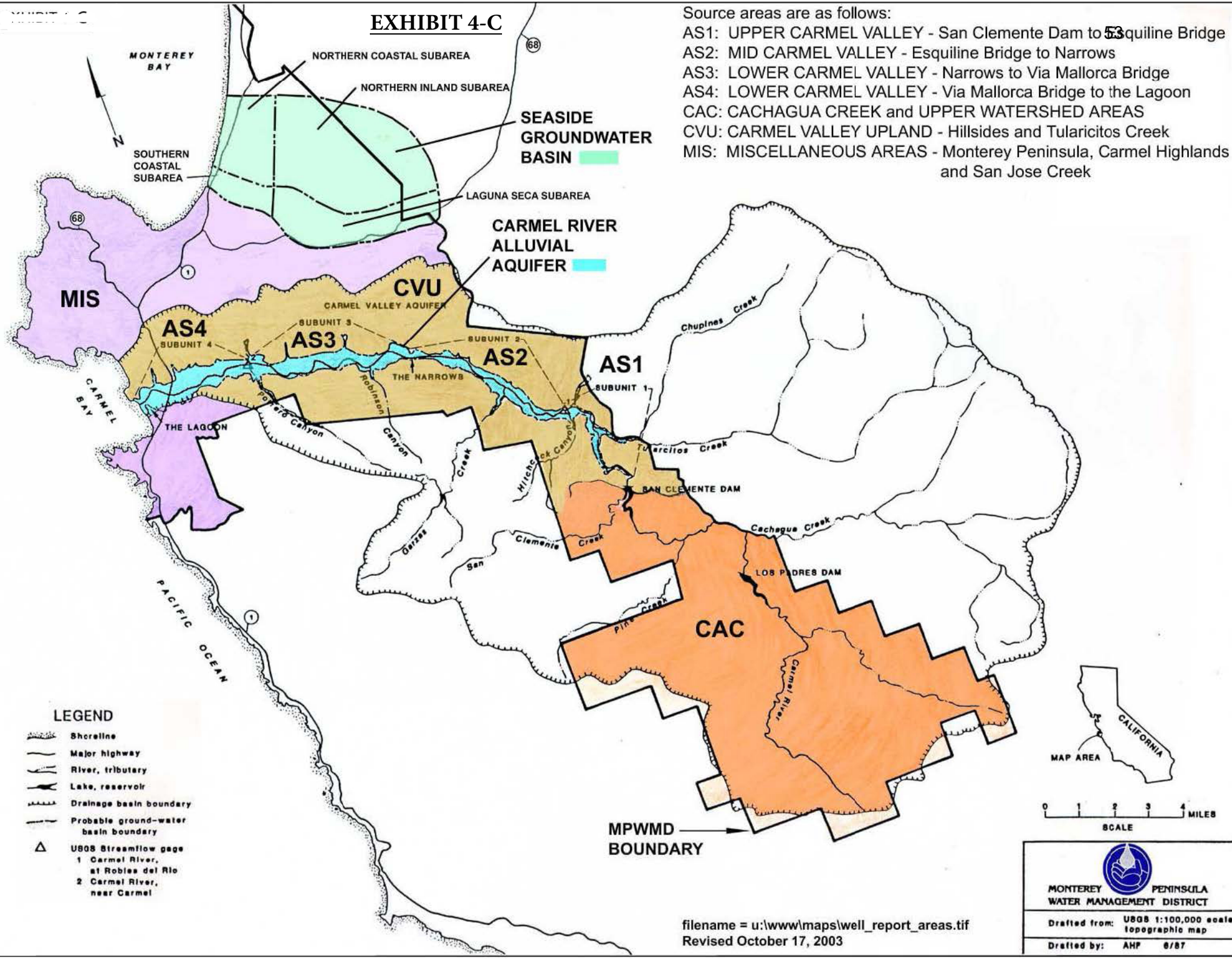
6. This total includes water produced in both SCS and LSS, and does not include 744.36 AF of ASR water that was recovered for Customer Service in WY 2019.

7. Production includes 2.34 AF to Ryan Ranch from CAW Main System in WY 2018. No water was delivered to Seaside Municipal System in WY 2019.

DISTRICT-WIDE PRODUCTION	
SURFACE WATER DIVERSIONS:	
CAW Diversions (San Clemente Dam):	0.0
Non Cal-Am Diversions Within MPWRS:	18.7
CAW WELLS:	
[6]SEASIDE:	2,117.8
CARMEL VALLEY:	7,970.7
Within the Water Resources System:	10,088.6
Outside the Water Resources System:	0.0
Sand City Desal	154.0
[7]CAW TOTAL, Wells and Diversion:	10,242.5
NON CAW WELLS:	
Within the Water Resources System:	2,484.9
Outside the Water Resources System:	1,071.5
Non Cal-Am Diversions Outside the MPWRS:	68.2
NON CAW TOTAL, Wells and Diversion:	3,643.2
GRAND TOTAL:	13,885.8

EXHIBIT 4-C

Source areas are as follows:
AS1: UPPER CARMEL VALLEY - San Clemente Dam to Esquiline Bridge
AS2: MID CARMEL VALLEY - Esquiline Bridge to Narrows
AS3: LOWER CARMEL VALLEY - Narrows to Via Mallorca Bridge
AS4: LOWER CARMEL VALLEY - Via Mallorca Bridge to the Lagoon
CAC: CACHAGUA CREEK and UPPER WATERSHED AREAS
CVU: CARMEL VALLEY UPLAND - Hillsides and Tularicitos Creek
MIS: MISCELLANEOUS AREAS - Monterey Peninsula, Carmel Highlands and San Jose Creek



MONTEREY PENINSULA WATER MANAGEMENT DISTRICT

WATER PRODUCTION BY SOURCE AREA
WATER YEAR 2020

TOTAL PRODUCTION = 13,843 Acre-Feet (AF)

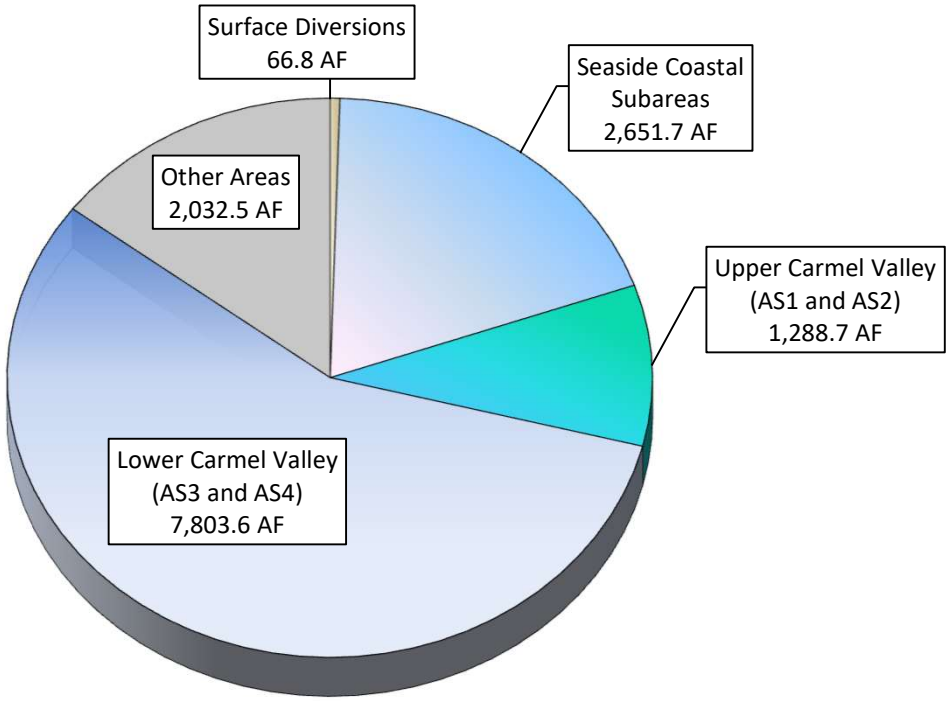


EXHIBIT 4-E

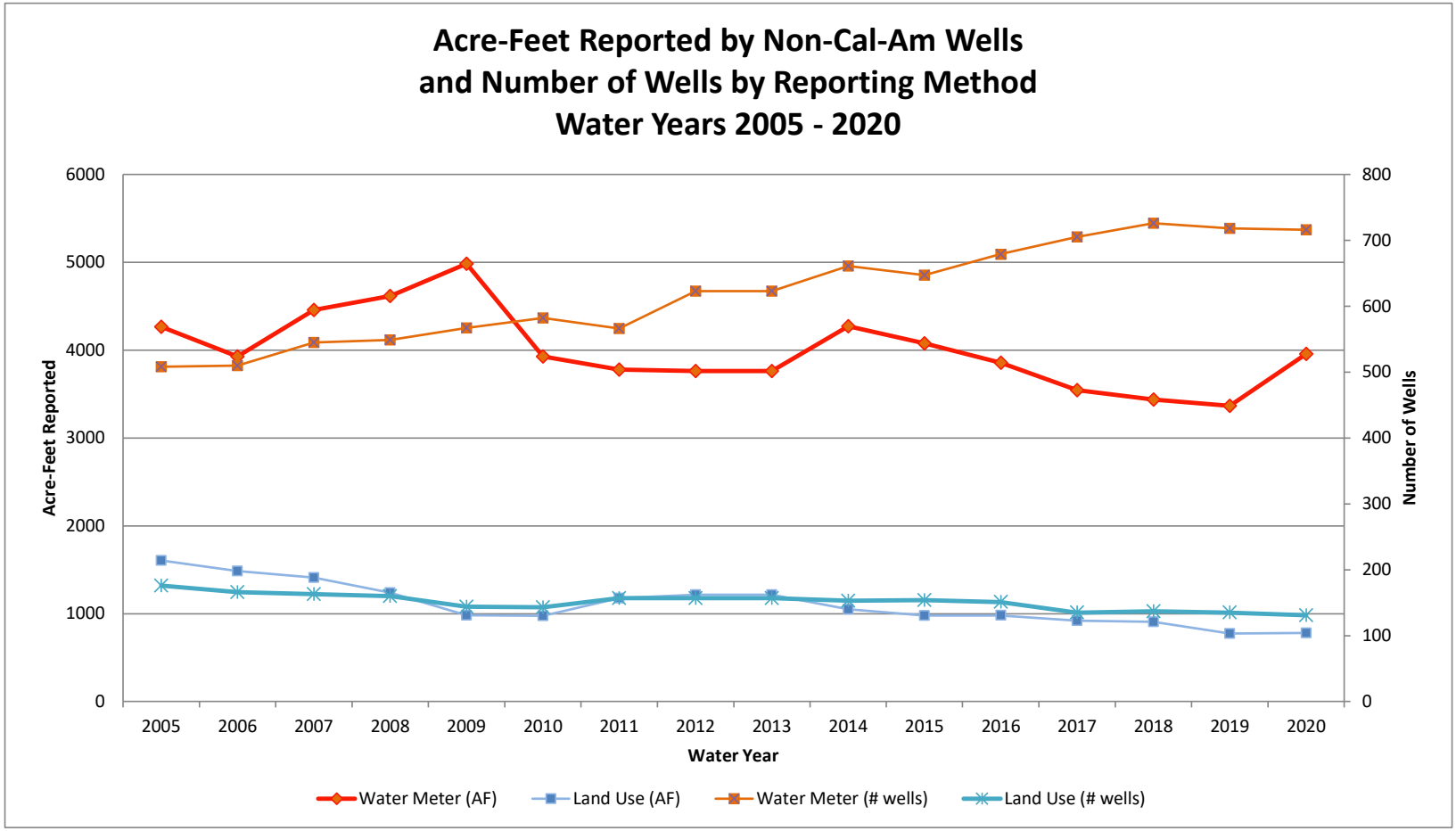
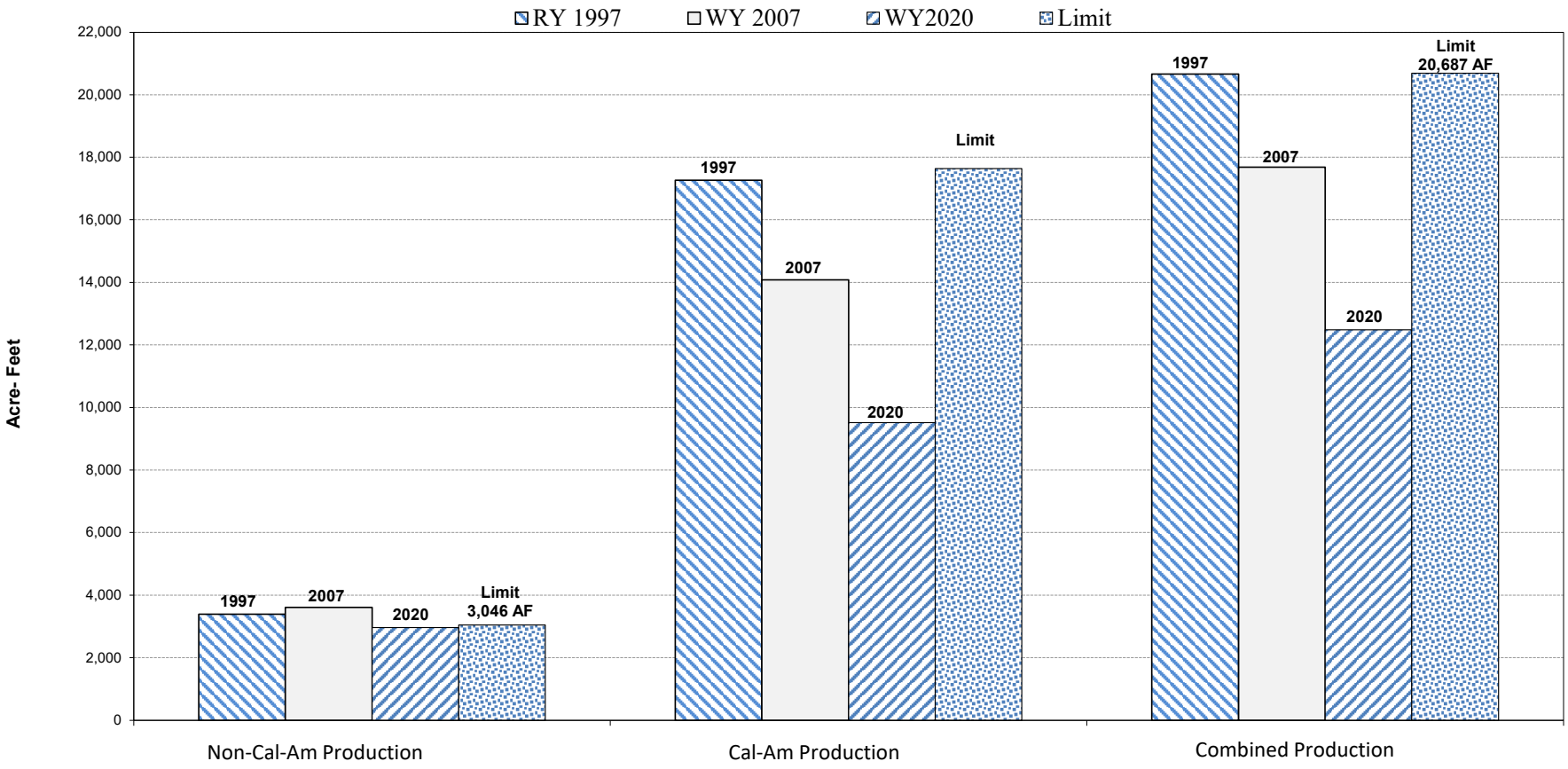

Acre-Feet Reported by Non-Cal-Am Wells
and Number of Wells by Reporting Method
Water Years 2005 - 2020
Acre-Feet Reported
Number of Wells
Water Year
0
1000
2000
3000
4000
5000
6000
0
100
200
300
400
500
600
700
800
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
Water Meter (AF)
Land Use (AF)
Water Meter (# wells)
Land Use (# wells)

EXHIBIT 4-F

Comparison of Reported Production to Allocation Limits within the Monterey Peninsula Water Resources System Reporting Year 1997, Water Year 2007 and Water Year 2020



ITEM: CONSENT CALENDAR

5. RECEIVE FISCAL YEAR 2019-2020 MITIGATION PROGRAM ANNUAL REPORT

Meeting Date:	**April 19, 2021**	**Budgeted:**	**N/A**
From:	**David J. Stoldt** **General Manager**	**Program/** **Line Item No.:**	**N/A**
Prepared By:	**Thomas Christensen**	**Cost Estimate:**	**N/A**

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

SUMMARY AND RECOMMENDATION: The Board should receive and review the Executive Summary for the 2019-2020 Mitigation Program Annual Report**.** If adopted along with the Consent Calendar, the full report will incorporate any comments if needed and be finalized so it can be distributed to interested agencies and posted to the District's website for public availability. The Executive Summary provides an overview of the major accomplishments, conclusions and/or recommendations. The Executive Summary for the 2019-2020 Mitigation Program Annual Report is attached as **Exhibit 5-A**.

The annual report primarily reviews Monterey Peninsula Water Management District (MPWMD or District) activities that address the effects of community water use on the Carmel River environment in the Fiscal Year (FY), defined as the 12-month period from July 1, 2019 through June 30, 2020. Please note that hydrologic data and well production reporting data are described for Water Year 2020 (October 1, 2019 through September 30, 2020). Use of the Water Year format for these data is consistent with reporting required by the State Water Resources Control Board (SWRCB) and Seaside Basin Watermaster.

This report is the 29th annual report since the Mitigation Program Plan was adopted by the District Board in November 1990, as part of the certification of the MPWMD Water Allocation Environmental Impact Report (Water Allocation EIR), in compliance with the California Environmental Quality Act (CEQA). Copies of the full annual report will be provided to the Board members upon request, and will be provided to the required resource agencies and other interested parties as needed.

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

achieved. The CDO institutes a series of cutbacks to Cal-Am production from the Carmel River system and prohibits new or intensified connections in the Cal-Am main system. The CDO reduced the upper limit of diversion from the Carmel River previously set by Order 95-10 at 11,285 AFY to 10,429 AFY beginning in WY 2010, with additional annual reductions thereafter. In 2016, the SWRCB issued State Board Order 2016-0016 changing the production limit on the Carmel River to 8,310 AFY. Currently the production limit on the Carmel River is 7,310 AFY.

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

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

The 2019-2020 report reviews District activities relating to water supply and demand, followed by mitigation measures for specific environmental impacts. It also provides a summary of costs for the Mitigation Program as well as references. For each topic, the mitigation measure adopted as part of the certified Allocation EIR is briefly described, followed by a summary of activities carried out in FY 2019-2020 that relate to the topic. Monitoring results, where applicable, are then presented. Finally, a summary of conclusions, and/or recommendations are provided, where pertinent.

IMPACT ON STAFF/RESOURCES: Mitigation Program costs for FY 2019-2020 totaled approximately $3.19 million including direct personnel expenses, operating costs, project expenditures, capital equipment, and fixed asset purchases. The annual cost of mitigation efforts varies because several mitigation measures are weather dependent. Expenditures in FY 2019-2020 were $1.44 million lower than the prior fiscal year due to decrease in Mitigation Program costs related to projects that were completed in the prior fiscal year. However, the overall costs have remained constant (average of $2.92 million per year) for last five years. In the past, expenditures had trended upward due to expenditures for the Aquifer Storage Recovery (ASR) Project. ASR Project costs are no longer captured under Mitigation Program Costs. FY 2017-2018 expenditures were $2.35 million; and FY 2018-2019 expenditures were $4.63 million.

During FY 2019-2020, revenues totaled $3.76 million including user fees, tax revenues, grant receipts, investment income, project reimbursements, and miscellaneous revenues. The

Mitigation Program Fund Balance as of June 30, 2020 was $5.17 million.

EXHIBIT
5-A Executive Summary for 2019-2020 Annual Mitigation Report

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EXHIBIT 5-A

2019-2020 ANNUAL REPORT
(July 1, 2019 - June 30, 2020)

MPWMD MITIGATION PROGRAM
WATER ALLOCATION PROGRAM ENVIRONMENTAL IMPACT REPORT

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
Prepared April 2021

I. EXECUTIVE SUMMARY

INTRODUCTION AND BACKGROUND:

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

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

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

The Five-Year Mitigation Program formally began in July 1991 with the new fiscal year (FY) and was slated to run until June 30, 1996. Following public hearings in May 1996 and District Board review of draft reports through September 1996, the Five-Year Evaluation Report for the 1991-

1996 comprehensive program, as well as an Implementation Plan for FY 1996-1997 through FY 2000-2001, were finalized in October 1996. In its July 1995 Order WR 95-10, the State Water Resources Control Board (SWRCB) directed Cal-Am to carry out any aspect of the Five-Year Mitigation Program that the District does not continue after June 1996. To date, as part of the annual budget approval process, the District Board has voted to continue the program. The Mitigation Program has accounted for a significant portion of the District's annual budgets in terms of revenue (derived primarily from a portion of the MPWMD user fee on the Cal-Am bill) and expenditures. It should be noted that this fee was removed from Cal-Am's bill in July 2009, resulting from actions subsequent to a California Public Utilities Commission ruling regarding a Cal-Am rate request. Cal-Am continued to pay the Carmel River Mitigation Program fee under a separate agreement with MPWMD through June 2010. The District and Cal-Am have negotiated an annual funding agreement that funded part of the 2016-2017 mitigation program. In April 2017, the MPWMD resumed collection of its user fee from Cal-Am ratepayers. The District's other revenue sources were used to fund the remainder of the program.

The California Environmental Quality Act (CEQA) (Pub. Res. Code 21081.6) requires that the MPWMD adopt a reporting or monitoring program to insure compliance with mitigation measures when implementing the Water Allocation Program. Findings Nos. 387 through 404 adopted by the Board on November 5, 1990 describe mitigation measures associated with the Water Allocation Program; many entail preparation of annual monitoring reports. This 2019-2020 Annual Report for the MPWMD Mitigation Program responds to these requirements. It covers the fiscal year period of July 1 through June 30. It should be noted that hydrologic data and well reporting data in this report are tabulated using the water year, defined as October 1 through September 30, in order to be consistent with the accounting period used by the SWRCB.

This 2019-2020 Annual Report first addresses general mitigation measures relating to water supply and demand (Sections II through XI), followed by monitoring related to compliance with production limits, drought reserve and supply augmentation (Sections XII through XV), followed by mitigations relating to specific environmental resources (Sections XVI through XIX). Section XX provides a summary of costs for the biological mitigation programs as well as related hydrologic monitoring, water augmentation and administrative costs. Section XXI presents selected references.

Table I-1 summarizes the mitigation measures described in this report. In subsequent chapters, for each topic, the mitigation measure adopted as part of the Final EIR is briefly described, followed by a summary of activities relating to the topic in FY 2019-2020 (July 1, 2019 through June 30, 2020, unless otherwise noted). Monitoring results, where applicable, are also presented. Tables and figures that support the text are found at the end of each section in the order they are introduced in the text.

ACCOMPLISHMENTS:

Many activities are carried out as part of the MPWMD Mitigation Program to address the environmental effects that community water use has upon the Carmel River and Seaside Groundwater Basins. Highlights of the accomplishments in FY 2019-2020 for each major category are shown in **Table I-2**.

OBSERVED TRENDS, CONCLUSIONS AND/OR RECOMMENDATIONS:

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

General Overview

Overall, the Carmel River environment with respect to riparian vegetation, river flow, and aquifer levels is in better condition today than it was in 1990 when the Allocation Program EIR was prepared. This improvement is evidenced by increased riparian habitat and higher water tables in the Carmel Valley alluvial aquifer. However, the steelhead fishery was rebounding until the onset of the 2012-2015 drought. During and after the drought, steelhead numbers declined to levels similar to those seen in previous droughts. Then in 2017, with abundant winter rains, adult steelhead were observed in the system and the District did not have to rescue juvenile steelhead in the mainstem of the Carmel River. However, rescues were carried out in the tributaries. This was also the case in the summer of 2019. Then in the summer of 2020, because of lower rainfall, rescues resumed in the mainstem of the Carmel River.

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

It is acknowledged that there are other important factors responsible for this improved situation. For example, since Water Year (WY) 1991, the Carmel River has received normal or better runoff in 19 out of 29 years. Actions by federal resource agencies under the Endangered Species Act (ESA) or the SWRCB under its Order WR 95-10 and follow-up orders have provided strong incentive for Cal-Am and other local water producers to examine and amend water production practices to the degree feasible, and for the community to reduce water use. Except for one year in 1997, the community has complied with the production limits imposed on Cal-Am by the SWRCB since Order 95-10 became effective in July 1995.

Despite these improvements, challenges still remain due to human influence on the river. The steelhead and red-legged frog remain listed as threatened species under the ESA. At least several miles of the river still dry up in most years, harming habitat for listed fish and frog species. The presence of the one existing dam, flood-plain development and water diversions to meet community and local user needs continue to alter the natural dynamics of the river. Streambank restoration projects may be significantly damaged in large winter storm events, and some people continue to illegally dump refuse into the river or alter their property without the proper permits.

Thus, the Mitigation Program (or a comprehensive effort similar to it) will be needed as long as significant quantities of water are diverted from the Carmel River and people live in close proximity to it.

Water Resources Monitoring Program

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

There is limited storage of surface water on the Carmel River. Los Padres Reservoir, completed in 1948, holds 1,667 AF of storage (without flashboard), based on 2017 survey data. In addition, San Clemente Reservoir (SCR), completed in 1921, was removed in the fall of 2015 by order of the Department of Water Resources (DWR) due to seismic safety concerns.

Groundwater levels, and consequently groundwater storage conditions, in the Carmel Valley Alluvial Aquifer have maintained a relatively normal pattern in recent years, in contrast to the dramatic storage declines that were observed during the prolonged 1987-1991 drought period. The relatively stable storage in the Carmel Valley alluvial aquifer in recent years is attributable to a combination of periods of more favorable hydrologic conditions and the adoption of improved water management practices that have tended to preserve higher storage conditions in the aquifer. In WY 2020, Carmel Valley Alluvial Aquifer storage was average compared with recent years as this year was classified as "normal."

In contrast, storage conditions in the coastal portion of the Seaside Groundwater Basin have not been stable in recent years, in particular with respect to the deeper Santa Margarita aquifer, from which over 80 percent of the Cal-Am production in the Seaside Basin is derived. This downward trend in water levels reflects the changed production operations in the Seaside Basin stemming primarily from changed practices after SWRCB Order 95-10. The increased annual reliance on production from Cal-Am's major production wells in Seaside, along with significant increases in non-Cal-Am use, have dramatically lowered water levels in this aquifer, and seasonal recoveries have not been sufficient to reverse this trend.

To address this storage depletion trend, the District initiated efforts in the 2000-2001 timeframe to prepare a Seaside Basin Groundwater Management Plan in compliance with protocols set by the State of California (AB 3030, as amended by SB 1938). This process was superseded by litigation filed by Cal-Am in August 2003, requesting a court adjudication of water production and storage rights in the Seaside Basin. The District participated in all litigation proceedings as an intervening "interested party". The Superior Court held hearings in December 2005 and issued a final adjudication decision in March 2006, which was amended through an additional court filing in February 2007. The final decision established a new, lower "natural safe yield" for the Basin of 3,000 AFY, and an initial Basin "operating safe yield" of 5,600 AFY. Under the decision, the operating safe yield would be reduced by 10% every three years until the operating safe yield matches the natural safe yield of the Basin in 2021. The Court also created a nine-member

Watermaster Board (of which the District is a member) to implement the Court's decision. With the triennial reductions in operational yield required by the Seaside Basin Adjudication Decision, water levels have not been declining as fast as previously observed.

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

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

The ASR water supply efforts in 2019-2020 included: (1) continued work with regulatory and land use agencies on expansion of the Phase 1 Santa Margarita ASR site; (2) continued work on the utility water system for the Phase 2 ASR Project at the Seaside Middle School site; (3) coordination with Cal-Am and other parties to construct the necessary infrastructure for the ASR project expansion; and (4) continued implementation of a Memorandum of Understanding (MOU) with Cal-Am on operation and maintenance at the ASR facilities.

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

Steelhead Fishery Program

- **Adult Steelhead**

Previous redd surveys below the former SCD confirm that the spawning habitat in the lower river has improved considerably over the last 22 years and many adults now spawn there instead of the upper watershed. In addition, juvenile steelhead rescued by the District from the lower river that survive to adulthood may be more likely to return to the lower river to spawn rather than migrate upstream.

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

- variable ocean conditions with increased water temperatures off the coast of California, and degraded ocean water quality likely affecting the abundance of food resources and possibly even the survival of returning steelhead;

- variable river and flow conditions effects on all steelhead life stages including adult steelhead, as migration may be limited or blocked, and spawning reaches may dry early;

- variable lagoon conditions, caused by artificial manipulation of the sandbar and/or naturally occurring periods of low winter flows; and

- low densities of juvenile fish can affect subsequent adult populations.

- **Juvenile Steelhead**

Long-term monitoring of the juvenile steelhead population at eleven sites along the mainstem Carmel River below LPD shows that fish density, although improving overall since the last long drought in 2013-15, continues to be quite variable both year to year and site to site from less than 0.10 fish-per-foot (fpf) of stream to levels frequently ranging above 1.00 fpf, values that are typical of well-stocked steelhead streams. In this 2020 reporting period, the average population density was much higher than the long-term average of 0.70 fpf for the Carmel River, likely due to the recent wet winters, improving habitat conditions in the lower river, and higher than expected numbers of returning adults.

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

<u>Positive Factors</u>:

- General improvements in streamflow patterns, due to favorable natural fluctuations, exemplified by relatively high base-flow conditions between 1995 and 2012 and the very wet conditions in 2017 and 2019;

- District and SWRCB rules to actively manage the rate and distribution of groundwater extractions and direct surface diversions within the basin, coupled with changes to Cal-Am's operations at LPD, the increased availability of ASR in the summer, and extensive conservation measures, all help provide increased streamflow;

- restoration and stabilization of the lower Carmel River's stream banks, providing improved riparian habitat (tree cover/shade along the stream, an increase in woody debris and the associated invertebrate food supply) while preventing erosion of silt/sand from filling gravel beds and pools;

- the removal and restoration of the San Clemente Dam and Reservoir in 2016 that has improved both passage and habitat values for adults and juvenile fish;

- extensive juvenile steelhead rescues by the District over the last 31 years, now totaling

465,729 fish through 2020;

- rearing and releases of rescued fish from the SHSRF of 100,615 juveniles and smolts back into the river and lagoon over the past 24 years (17 years of operation), at sizes generally larger than the river-reared fish, which in theory should enhance their ocean survival.

Negative Factors:

- variable lagoon conditions, including highly variable water surface elevation changes caused by mechanical breaching, chronic poor water quality (especially in the fall), and predation by birds and striped bass;

- barriers or seasonal impediments to juvenile and smolt emigration, such as intermittent periods of low flow below the Narrows during the normal spring emigration season;

- spring flow variability such as low-flow conditions that could dewater redds prematurely or high flows that could either deposit sediment over redds or completely wash them out;

- occasionally elevated fall temperature and hydrogen sulfide levels below LPD, and the recent large landslide into LPR that affects the outlet works;

- the potential for enhanced predation on smolts and YOY migrating through the sediment field above LPD; and

- invasive species: striped bass have recently (2015) started migrating up the river from the lagoon and are likely preying on juvenile steelhead. New Zealand Mud Snails (NZMS) were first discovered during BMI surveys at Red Rock (mid-valley) in 2016 and now comprise up to 28% (down from 62%) of the BMI in the lower river. NZMS outcompete native invertebrates and are a poor food item themselves for steelhead.

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

Riparian Habitat Mitigation

With the exception of the Rancho Cañada to Rancho San Carlos Road Bridge reach, the Carmel River streamside corridor has stabilized in nearly all reaches that were affected by a combination of increased groundwater extraction, extreme drought and flood events that occurred during the 1970s, 1980s and 1990s. Prior to the 2016-17 winter high flows, a complex channel had developed

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

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

The Soberanes fire in the summer of 2016 combined with the removal of San Clemente Dam and high flows in the winter of 2016-17 proved to be a combination of events that significantly changed the river downstream of the former dam site. Quantities of silt, sand, and debris that had not been seen in the alluvial reach since high flows in 1998 were carried down from the fire-scarred upper watershed into the active channel. Past similar events during 1978-1983 and 1993-1998 contributed to substantial destabilization of streambanks in the lower 15.5 miles of the river; however, the 2016-17 event comes after significant reductions in annual diversions have been made and after long reaches of the river have been actively restored or passively recovered. Thus, streambank instability was limited to the area downstream of Rancho San Carlos Road. Follow-up channel surveys by CSUMB indicate that the increased sediment load during the winter of 2017 were likely due to material being washed out from the Carmel River Reroute at the former San Clemente Dam site.

The recovery of streamside areas subjected to annual dewatering requires monitoring. Plant stress in the late summer and fall is evident in portions of the river that go dry. In these areas, streambanks can exhibit unstable characteristics during high flows, such as sudden bank collapse, because of the lack of healthy vegetation that would ordinarily provide stability. The drought that began with Water Year 2013 (beginning October 2012) and ended in Water Year 2016 is an ongoing concern because of the past history of channel erosion and bank instability after severe droughts in 1976-77 and 1987-1991. Impacts to streamside vegetation can manifest themselves for several years even after the end of a drought.

Based on annual cross-section work by CSUMB, several areas have experienced a filling in of pools with sand. Absent high flows like those that occurred in 2017, it is likely that the sand will be winnowed out and sent downstream over the next several years. When river flows drop in late spring or early summer of 2021, District staff will investigate the overall scour and deposition of the streambed and report on this in next year's mitigation report. Current results still show many of the pools are still filled with sand.

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

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

- increased encroachment of vegetation into the active channel bottom that can induce debris blockage, bank erosion and increased risks during floods,
- effects to areas with groundwater extraction downstream of Schulte Road,
- channel changes and erosion due to new supply of sediment from upstream associated with high flows, San Clemente Dam removal, and the Soberanes Fire in Water Year 2017,
- healthy avian species diversity, and
- maturing of previous restoration projects.

Carmel River Erosion Protection and Restoration

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

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

- Local, State and Federal agencies consider the Carmel River watershed to be a high priority area for restoration, as evidenced by the interest in addressing water supply issues, the removal of San Clemente Dam, proposed projects in the lower Carmel River, and continued oversight with the management of threatened species. Stringent avoidance and mitigation requirements will continue to be placed on activities that could have negative impacts on sensitive aquatic species or their habitats.
- Activities that interrupt or curtail natural stream functions, such as lining streambanks with riprap, have come under increasing scrutiny and now require significant mitigation offsets. Approximately 35% to 40% of the streambanks downstream of Carmel Valley Village have been altered or hardened since the late 1950s. Activities that increase the amount of habitat or restore natural stream functions are more likely to be approved or funded through State and Federal grant programs.
- Additional work to add instream features (such as large logs for steelhead refuge or backwater channel areas for frogs) can restore and diversify aquatic habitat.
- Major restoration projects completed between 1987 and 1999 have had extensive and successful work to diversify plantings. However, maintenance of irrigation systems is ongoing and requires extensive work in water years classified as below normal, dry and critically dry.
- The channel will change due to a new supply of sediment coming from upstream of the old San Clemente Dam and additional sources of sediment associated with the Soberanes Fire of 2016.

Vegetation Restoration and Irrigation

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

Channel Vegetation Management

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

Permits for Channel Restoration and Vegetation Management

In 2018, MPWMD renewed its long-term permits with the U.S. Army Corps of Engineers and the California Regional Water Quality Control Board for routine maintenance and restoration work. In 2014, the District also renewed a long-term Routine Maintenance Agreement (RMA) with the California Department of Fish and Wildlife to conduct regular maintenance and restoration activities in the Carmel River.

Monitoring Program

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

With respect to riparian songbird diversity, populations dropped after major floods in 1995 and 1998 because of the loss of streamside habitat. Since 1998, species diversity recovered and now fluctuates depending on habitat conditions. Values from 2018 avian point count surveys indicate that the District's mitigation program is preserving and improving riparian habitat.

Strategies for the future

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

Reversal, or at least a slowing, of channel incision may be possible if the supply of sediment is brought into better balance with the sediment transport forces. Additional sediment from the tributary watersheds between San Clemente Dam and Los Padres Dam will pass into the lower river in the foreseeable future now that San Clemente Dam has been removed. District staff are already seeing signs of additional sediment in the Carmel River below Esquiline Road Bridge.

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

Integrated Regional Water Management (IRWM) Grant Program

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

MPWMD adopted the 2019 Update to the IRWM Plan for a region encompassing Monterey Peninsula areas within the District boundary, the area in the Carmel River watershed outside of the MPWMD boundary, Carmel Bay and the Southern Monterey Bay. The IRWM Plan combines strategies to improve and manage potable water supply, water conservation, stormwater runoff, floodwaters, wastewater, water recycling, habitat for wildlife, and public recreation.

Funding from the IRWM grant program and other programs requiring an adopted IRWM Plan provide the incentive to undertake a set of projects that would continue to improve the Carmel River environment and engage a larger number of organizations in helping to develop and implement a comprehensive solution to water resource problems in the planning region. The Monterey Peninsula region is expecting to take advantage of about $4.3 million from Prop 1 IRWM funds over the next several years. In 2018, $252,693 was awarded to the region as a part of the Disadvantaged Community Involvement grant. In 2020, $2,238,904 was awarded to the

region as a part of the Implementation Round 1 grant.

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

https://www.mpwmd.net/environmental-stewardship/irwm-program/

Carmel River Lagoon Habitat

The District continues to support and encourage the ongoing habitat restoration efforts in the wetlands and riparian areas surrounding the Carmel River Lagoon. These efforts are consistent with goals that were identified in the Carmel River Lagoon Enhancement Plan, which was partially funded by the District. The District continues to work with various agencies and landowners to implement ongoing restoration of the Odello West property and future restoration of the Odello East property across the highway.

The District expanded its long-term monitoring around the lagoon in 1995 in an attempt to determine if the reduction in freshwater flows due to groundwater pumping upstream might change the size or ecological character of the wetlands. Demonstrable changes have not been identified. Because of the complexity of the estuarine system, a variety of parameters are monitored, including vegetative cover in transects and quadrats, water conductivity, and hydrology. It is notable that due to the number of factors affecting this system, it would be premature to attribute any observed changes solely to groundwater pumping. The following illustrates the Water Year (October 1 – September 30) classifications since 1995 in terms of total annual runoff.

Classification	Number of Years	Water Year
Extremely Wet	4	1995, 1998, 2017, 2019
Wet	2	2005, 2006
Above Normal	5	1996, 1997, 2000, 2010, 2011
Normal	6	1999, 2001, 2003, 2008, 2009, 2020
Below Normal	3	2004, 2016, 2018
Dry	4	2002, 2012, 2013, 2015
Critically Dry	2	2007, 2014

Thus, the hydrology of the watershed has been at least normal or better 65% of the time during the 26-year period. However, monitoring in 2014 occurred during a Critically Dry Water Year that followed two consecutive Dry Water Years, and 2015 was the first time a fourth year of drought was ever monitored. Other natural factors that affect the wetlands include introduction of salt water into the system as waves overtop the sandbar in autumn and winter, tidal fluctuations, and long-term global climatic change. When the District initiated the long-term lagoon monitoring component of the Mitigation Program, it was with the understanding that it would be necessary to gather data for an extended period in order to draw conclusions about well production drawdown effects on wetland dynamics. It is recommended that the current vegetation, conductivity, topographical and wildlife monitoring be continued in order to provide a robust data set for continued analysis of potential changes around the lagoon. In the past, the District budgeted to replace the CDPR lagoon water-quality profiler that has been out of service for five years, with a

stock one from a major vendor. However, since the Carmel Area Wastewater District (CAWD) plans to replace and underground their outlet pipe very soon, we delayed spending significant funds on what would be just a temporary installation at this time. The District intends to re-budget in RY 2020-2021 for the placement of a vertical profiler, once the new CAWD pipe is in place, and then restore continuous data collection during a future RY.

Lagoon bathymetric cross-sectional surveys, initially conducted in 1988, have been completed annually during the dry season since 1994. These data are useful in assessing changes in the sand supply within the main body of the lagoon and are necessary to answer questions concerning whether or not the lagoon is filling up with sand, thus losing valuable habitat. As indicated in the survey plots, the sandy bed of the lagoon can vary significantly from year to year. Substrate elevations at cross sections 1 and 2 remained relatively stable during WY 2020 compared to September 2019 conditions. Cross sections 3 and 4 show moderate sand accumulation over the September 2018 through August 2020 period (no data for 2019 at XS3 and XS4). In the recent "Critically Dry" years of WY 2007 and 2014 and "Dry" years of WY 2012 and 2013, no significant changes were documented compared to the respective prior years. The "Extremely Wet" WY 2019 resulted in no significant changes at the cross sections even though 155,000 AF of runoff (measured at the HWY1 gage) passed through the lagoon. This is inconsistent with WY 2017, the last "Extremely Wet" year when significant scour was observed at the cross sections. Although data suggests that substrate elevations at the cross sections generally remain stable in low-flow years, data are now somewhat inconclusive regarding the effects of high flow years on lagoon sand supply.

Program Costs

Mitigation Program costs for FY 2019-2020 totaled approximately $3.19 million including direct personnel expenses, operating costs, project expenditures, capital equipment, and fixed asset purchases. The annual cost of mitigation efforts varies because several mitigation measures are weather dependent. Expenditures in FY 2019-2020 were $1.44 million lower than the prior fiscal year due to decrease in Mitigation Program costs related to projects that were completed in the prior fiscal year. However, the overall costs have remained constant (average of $2.92 million per year) for last five years. In the past, expenditures had trended upward due to expenditures for the Aquifer Storage Recovery (ASR) Project. ASR Project costs are no longer captured under Mitigation Program Costs. FY 2017-2018 expenditures were $2.35 million; and FY 2018-2019 expenditures were $4.63 million.

During FY 2019-2020, revenues totaled $3.76 million including user fees, tax revenues, grant receipts, investment income, project reimbursements, and miscellaneous revenues. The Mitigation Program Fund Balance as of June 30, 2020 was $5.17 million.

Table I-1
SUMMARY OF COMPONENTS OF MPWMD MITIGATION PROGRAM
July 1, 2019 - June 30, 2020

WATER MANAGEMENT

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

STEELHEAD FISHERY

- Capture/Transport Emigrating Smolts in Spring
  -- Smolt rescues
  -- Pit tagging study
- Prevent Stranding of Fall/Winter Juvenile Migrants
  -- Juvenile rescues
- Rescue Juveniles Downstream of Robles del Rio in Summer
- Operate Sleepy Hollow holding/rearing facility
- Monitoring Activities for Mitigation Plan
  -- Juvenile population surveys
- Other Activities not required by Mitigation Plan
  -- Spawning habitat restoration
  -- Modify critical riffles

RIPARIAN VEGETATION AND WILDLIFE

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

LAGOON VEGETATION AND WILDLIFE

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

AESTHETICS

- Restore Riparian Vegetation (see above)

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

Table I-2
Summary of MPWMD Mitigation Program Accomplishments: 2019-2020 Report

MITIGATION ACTION	MAJOR ACCOMPLISHMENTS
Monitor Water Resources	Regularly tracked precipitation, streamflow, surface and groundwater levels and quality, and lagoon characteristics between Los Padres Dam and the Carmel River Lagoon, using real-time methods at numerous data collection stations. Maintained extensive monitoring network, and continuous streamflow recorders below the former San Clemente Dam and other sites.
Manage Water Production	Developed and implemented multi-agency Memorandum of Agreement and quarterly water supply strategies based on normal-year conditions; worked cooperatively with resource agencies implementing the federal Endangered Species Act. Implemented ordinances that regulate wells and water distribution systems.
Manage Water Demand	A total of about **1,241** inspections were conducted in 2020. An estimated **1.220** Acre-Feet ("AF") of water were saved by new retrofits verified this year in these two categories. From January 1, 2020, through December 31, 2020, a total of **865** applications for rebates were received, **689** applications were approved with the use of the rebate refund, as described in Section VIII. As of June 30, 2020, a total of 90.422AF of water remained available in the areas served by CAW, as described in Section IX. This includes water from pre- and post-Paralta Allocations and water added to a Jurisdiction's Allocation from Water Use Credit transfers and public retrofits.
Monitor Water Usage	Complied with SWRCB Order 95-10 for Water Year 2019.
Augment Water Supply	Long-term efforts to augment supply included: (1) Continued participation in meetings about Monterey Peninsula Water Supply Project (MPWSP) construction, operations, financing, management, and oversight; (2) Helped fund environmental work to qualify Pure Water Monterey Expansion as a potential alternative; (3) Operated Aquifer Storage and Recovery (ASR) Phase 1 and 2 projects in WY 2020; (4) Held regular coordination meetings with Cal-Am regarding planned infrastructure upgrades to deliver water supply to the ASR project wells at full capacity; (5) Provided project management and technical support to Monterey One Water for the Pure Water

MITIGATION ACTION	MAJOR ACCOMPLISHMENTS
	Monterey Project; (6) Participated in CPUC hearing process on Cal-Am related rate requests. Other ongoing activities included: (1) Served as member of both the Seaside Basin Watermaster Board and as the Technical Advisory Committee; (2) Participation in a technical role regarding alternatives for Los Padres Dam and associated sediment management.
Allocate New Supply	Remained within Water Allocation Program limits.
Determine Drought Reserve	Rationing was not required due to maintenance of adequate storage reserve.
Steelhead Fishery Program	A total of 27 rescue days were conducted in the mainstem of the Carmel River. Rescue operations occurred from early July through early September, yielding a total of 8,529 steelhead, including: 6,179 young-of-the-year (YOY), 2,334 yearlings (1+), and 16 mortalities (0.19%). Staff tagged 182 fish of size with Passive Integrated Transponder (PIT) tags before release and there were no recaptures. A total of 11 rescue days were conducted on Garzas and Cachagua Creeks. Rescue operations occurred from mid-June through early September, yielding a total of 4,439 steelhead, including: 4,316 young-of-the-year (YOY), 99 yearlings (1+), and 24 mortalities (0.54%). Since 1989, District staff has rescued 465,729 steelhead from drying reaches of the Carmel River watershed. Compared to previous rescue seasons, total rescued fish in the 2020 dry season was 89% of the 1989-2020 average of 14,554, as described in Section XVI.
Riparian Habitat Program	Continued revegetation efforts at exposed banks with little or no vegetation located between Via Mallorca and Esquiline Roads; Contracted to collect channel profile data and limited cross section data from the Carmel River for use in maintaining a long-term record and comparing to the past and future data; Made public presentations showing MPWMD-sponsored restoration work over the past 29 years; Continued long-term monitoring of physical and biological processes along the river in order to evaluate the District's river management activities; Continued the annual inspections of the Carmel River from the upstream end of the lagoon to Camp Steffani; Walked the entire river to observe and record erosion damage, conditions that could cause erosion, riparian ordinance infractions, and the overall condition of the riparian corridor; Continued enforcement actions to address serious violations of District

MITIGATION ACTION	MAJOR ACCOMPLISHMENTS
	riparian ordinances; Carried out vegetation management activities; Operated under Routine Maintenance Agreement with CDFW for MPWMD vegetation maintenance activities.
Lagoon Habitat Program	The District continues to support and encourage the ongoing habitat restoration efforts in the wetlands and riparian areas surrounding the Carmel River Lagoon. These efforts are consistent with goals that were identified in the Carmel River Lagoon Enhancement Plan, which was partially funded by the District. The District continues to work with various agencies and landowners to implement ongoing restoration of the Odello West property and future restoration of the Odello East property across the highway. The District also surveyed and analyzed bathymetric transects, participated in interagency meetings regarding management of lagoon in winter storm events (see also steelhead efforts that benefit lagoon) and monitored lagoon stage.
Aesthetic Measures	See Riparian Habitat Program measures in Section XVII.

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CONSENT CALENDAR

6. CONSIDER APPROVAL OF RJA MANAGEMENT SERVICES CONTRACT AMENDMENT

Meeting Date:	**April 19, 2021**	**Budgeted:**	**No**
From:	**David J. Stoldt, General Manager**	**Program/ Line Item No.:**	**N/A**
Prepared By:	**Dave Stoldt**	**Cost Estimate:**	**$3,000 increase**

General Counsel Approval: N/A
Committee Recommendation: At its April 12, 2021 meeting the Administrative Committee approved the recommendation 3-0.
CEQA Compliance: This action does not constitute a project as defined by the California Environmental Quality Act Guidelines section 15378.

SUMMARY: In March of 2020, the Board authorized a facilitated strategic planning session to help develop near-term and long-term goals for the District. Such goal development will help inform policy priorities for the Board, identify potential budget impacts, and set a foundation for evaluation of the performance of the General Manager.

The Board authorized an amount not to exceed $12,000. However, with the advent of Covid-19 the process was delayed in hopes that in-person meetings would return. Amendment 1 to the Agreement extended the time for completion. When it became evident that would not be the case, it was decided to hold the strategic planning sessions via Zoom. With the delays, additional hours were spent with the consultant in preparation. Hence, Amendment 2 increased the amount of the contract to the fully authorized amount the Board had previously approved. However, the Covid-19 delay also resulted in four new Directors joining the Board, which required the facilitator to repeat pre-session interviews, increasing the number of hours allocated by the consultant. This contract amendment would raise the maximum authorized by an additional $3,000 to a total of $15,000 and allow the contract to be closed out.

RECOMMENDATION: Administrative Committee has recommended the Board approve Amendment No.3 with RJA Management Services to provide facilitated strategic planning services and authorize the General Manager to enter into a contract amendment not exceeding a total of $15,000 inclusive of out-of-pocket expenses.

EXHIBIT
6-A Draft Amendment No. 3 to contract with RJA Management Services

EXHIBIT 6-A

AMENDMENT NO. 3 TO

AGREEMENT BETWEEN

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT

AND

RJA MANAGEMENT SERVICES

FOR
FACILITATED STRATEGIC PLANNING SERVICES

THIS AMENDMENT is entered into this __ day of April 2021, by and between RJA Management Services, hereafter called "Consultant," and the Monterey Peninsula Water Management District hereafter called “The District”.

This amendment modifies the Agreement for Facilitated Strategic Planning Services (Agreement) dated March 23, 2020.

The maximum payment contained in Section II.C is revised from $12,000 to $15,000.

IN WITNESS WHEREOF, the parties hereto have entered into this Amendment effective as of the day and year first above written.

Monterey Peninsula Water Management District

_____

BY: David J. Stoldt

CONSULTANT

_____

BY: Richard Garcia, PhD

ITEM: CONSENT CALENDAR

7. CONSIDER RECOMMENDATION TO THE BOARD TO APPROVE AN EXTENSION OF THE CITY OF SEASIDE LOCAL WATER PROJECT GRANT

Meeting Date:	**April 19, 2021**	**Budgeted:**	**Yes**
From:	**Dave Stoldt, General Manager**	**Program/ Line Item No.:**	**Water Supply Projects 1-10-1**
Prepared By:	**Arlene Tavani**	**Cost Estimate:**	**$106,900 – Previously approved and budgeted**

General Counsel Approval: N/A
Committee Recommendation: The Administrative Committee reviewed this item on April 12, 2021 and recommended approval 3-0.
CEQA Compliance: This action does not constitute a project as defined by the California Environmental Quality Act Guidelines section 15378.

SUMMARY: The District issued the City a $106,900 grant in 2015 for planning and construction of a non-potable water system that would offset potable supply. No grant funds have yet been issued to the City. On May 21, 2018 the District Board approved a two-year extension of the grant to June 30, 2020. Again, in May 2020, the District Board extended the grant to June 30, 2021.

Attached as **Exhibit 7-A**, the City is requesting a six-month extension. Staff recommends an additional one-year extension to provide a buffer. If approved, the agreement would be extended to June 30, 2022. If the project is not executed within this extension period, the District Board retains the discretion to rescind the grant and redirect those monies to other uses.

RECOMMENDATION: Staff recommends the Board of Directors approve a one-year extension of the Local Water Project Grant for the City of Seaside to June 30, 2022.

IMPACT TO STAFF/RESOURCES: Funds are included in Water Supply Projects, Line Item 1-10-1 "Local Water Projects" in the Fiscal Year 2020-21 budget adopted by the Board of Directors in June 2020. It would be carried over to the 2021-22 budget.

EXHIBIT
7-A Letter from City of Seaside Requesting an Extension

Department of Public Works
440 Harcourt Avenue
Seaside, CA 93955

Telephone (831) 899-6825
FAX (831) 899-6211

March 26, 2021

RECEIVED
APR 05 2021
MPWMD

David J. Stoldt, General Manager
Local Projects Application
Monterey Peninsula Water Management District
PO Box 85
Monterey, CA 93942-0085
Via email dstoldt@mpwmd.net

Subject: Grant for Local Water Project – Request for Extension

Dear Mr. Stoldt:

The City of Seaside submitted an application to the Monterey Peninsula Water Management District (MPWMD) for grant monies to design and construct a system to provide non-potable water for public works activities such as sewer line cleaning, street sweeping, storm drain cleaning, and other maintenance and construction needs. On October 19, 2015, the MPWMD Board of Directors approved funding the City of Seaside's proposal in the amount of one hundred six thousand nine hundred dollars ($106,900). The grant is set to expire on June 30, 2021.

Progress has been made toward project completion. The city's consultant has submitted draft final plans to the engineering department for review. A preliminary analysis by engineering and public works staff suggest the project can be constructed by city crews.

Since the grant funds have not been expended and the project has not been completed, the City requests a six month extension to complete the project and seek reimbursement under this grant. Please advise if the MPWMD is receptive to this request.

You may contact the undersigned at NPatel@ci.seaside.ca.us or 831-899-6884 to discuss any questions or comments.

Sincerely,

Nisha Patel, PE
City Engineer / Public Works Director

Copy: Craig Malin, City Manager
Victor Damiani, Finance Director
Scott Ottmar, Senior Civil Engineer

ITEM: CONSENT CALENDAR

8. CONSIDER EXPENDITURE OF FUNDS TO MAINTAIN THE ACCESS ROAD TO THE SLEEPY HOLLOW STEELHEAD REARING FACILITY

Meeting Date:	**April 19, 2021**	**Budgeted:**	**Yes**
From:	**David J. Stoldt, General Manager**	**Program/ Line Item No.:**	**Protect Environmental Quality 2-3-1 C Road Maintenance**
Prepared By:	**Thomas Christensen**	**Cost Estimate:**	**$10,000**

General Counsel Review: N/A
Committee Recommendation: The Administrative Committee reviewed this item on April 12, 2021 and recommended approval.
CEQA Compliance: Categorical Exemption, Section 15301, Existing Facilities.

SUMMARY: Staff proposes to hire a contractor (Cordrey Construction) to carry out road maintenance along the access to the Sleepy Hollow Steelhead Rearing Facility. The cost of repairs is estimated to be up to $10,000. This amount is already in the adopted current year budget. Work should be carried out prior to the initiation of 2021 operations at the facility and should take less than one week. Due to the 2020 Carmel fire and subsequent intense rains in late January, an exceptional amount of rock and debris washed down onto the access road and there are several large potholes along the road.

RECOMMENDATION: The Administrative Committee recommends that the Board consider hiring the proposed contractor and approve the funds for road maintenance.

DISCUSSION: The Sleepy Hollow Steelhead Rearing Facility is accessed from Carmel Valley Road over an approximately one-mile single lane dirt road on Cal-Am property east of Carmel Valley Village. Cal-Am and the District have a shared interest in maintaining the road. In September 2020, Cal-Am carried out over $400,000 of slope stabilization work after MPWMD notified Cal-Am that the road was unsafe. In January 2021, the road was blocked by debris in several locations as a result of intense rainfall on steep slopes burned during the 2020 Carmel fire.

Cal-Am equipment cleared most, but not all, of the debris from the access road and made it passable for high-clearance vehicles. Portions of the road still need some clean-up for safe passage and a section that turns to deep mud after rain requires placement of base rock. Staff's priority is to repair the worst sections of the road first. If any funds are left after completion of the priority items, they would be used to start repairing potholes along the road.

District staff received a quote from Scardina Builders (**Exhibit 8-A**) and requested a quote from Cordrey Construction. Both firms are licensed contractors and both are located in Carmel Valley. An estimate had not been received from Cordrey Construction by the deadline for staff notes.

IMPACTS ON STAFF AND RESOURCES: Funds for maintenance work were included in the FY 2020-2021 budget Program line item 2-3-1 C. Road Maintenance.

EXHIBIT

8-A March 23, 2021 Cost Estimate from Scardina Builders, Inc.

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EXHIBIT 8-A

Scardina Builders, Inc.
P.O. Box 1453
Carmel Valley, CA 93924
License # 933369
831-659-3329 831-659-1033

March 23, 2021

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

Steelhead Rearing Facility- Access Road repairs & Maintenance

Move in/set up	$500
Remove large rocks & sluff from roadside	$650
Finish grade area to receive base rock	$900
Class 2 base rock 24tons	$1,050
Place and grade base rock from bridge to water tank as needed	$2,900
Compact with 5-ton roller	$2,100
Sweep & clean	$500
Project subtotal	$8,600
15% P&O	$1,290
Project total	$9,890

ITEM: CONSENT CALENDAR

9. CONSIDER EXPENDITURE OF FUNDS TO IMPROVE COOLING TOWER AND REARING CHANNEL OPERATIONS AT THE SLEEPY HOLLOW STEELHEAD REARING FACILITY

Meeting Date:	**April 19, 2021**	**Budgeted:**	**Yes**
From:	**David J. Stoldt, General Manager**	**Program/**	**Protect Environmental Quality**
		Line Item No.:	**2-3-1 A General Operations Maintenance**
Prepared By:	**Thomas Christensen**	**Cost Estimate:**	**$11,800**

General Counsel Review: N/A
Committee Recommendation: The Administrative Committee reviewed this item on April 12, 2021 and recommended approval.
CEQA Compliance: Categorical Exemption, Section 15301, Existing Facilities.

SUMMARY: Staff proposes to hire Telemetrix, a communications consultant, to install a wet bulb temperature sensor to improve cooling tower operations and a magnetic flow meter to monitor flow to the rearing channel. The equipment would be integrated into the Programmable Logic Controller (PLC) that monitors and operates the Sleepy Hollow Steelhead Rearing Facility. The cost of installation and programming is estimated to be up to $11,800 (including a 15% contingency). Work should be carried out prior to the initiation of 2021 operations at the facility.

RECOMMENDATION: The Administrative Committee recommends that the Board approve the funds for installation and integration into the PLC.

DISCUSSION: After completion of a facility upgrade in the spring of 2020, operations during summer and fall 2020 revealed two significant issues: 1) the cooling tower can warm Carmel River flow used at the facility during warm periods; and 2) debris and biofilm caused the flow meter for the rearing channel to malfunction.

1) cooling tower and installation of a wet bulb sensor

A large cooling tower was installed in 2000 with the capability to circulate about 800 gallons per minute (almost 2 cubic feet per second). This tower was refurbished in 2020, but not as part of the overall facility upgrade (the tower requires periodic maintenance). The tower works as an evaporative cooler, i.e., air is drawn into the tower through media filled with river water, a part of which "evaporates" and cools the surrounding water passing through the media. The cooler generally cools outside air by 15-25 degrees; however, afternoon temperatures at Sleepy Hollow are often in the mid-to high 90's (°F) and there are short stretches of temperatures over 100 °F, sometimes with high levels of humidity (which reduces the effectiveness of the cooling tower).

Through monitoring of temperature sensors at the cooling tower inlet and outlet installed with the facility upgrade in 2020, it was determined that running the cooling tower fan on warm afternoons resulted in heating the river water flowing to the rearing channel through the cooling tower, rather than cooling the water. Manually turning the cooling tower fan on and off (either when on site or remotely) proved to be inefficient, as there are diurnal changes in air temperatures and humidity at the site and the time of day when these changes occur constantly.

Staff asked Telemetrix (TMX) to propose a method to automate operation of the cooling tower fan. A two-phased approach is proposed: 1) install a wet bulb temperature sensor, which measures the lowest temperature that can be achieved purely by evaporative cooling; 2) tie the sensor into the PLC and reprogram the PLC to operate the cooling tower fan based on wet bulb temperature (this is a standard industry practice for cooling tower operations).

Installation of the wet bulb sensor and linking it to the PLC would allow the PLC to automatically turn on the cooling tower fan when temperature and humidity conditions allow cooling of the water and turn it off when running the fan would heat water.

2) rearing channel magnetic meter

Flow to the rearing channel is currently monitored using a "paddle wheel" style meter that has a small paddle wheel inserted into the delivery pipe to the head of the rearing channel. The paddle wheel clogged in 2020 due to debris and biofilm and had to be removed, cleaned, and reinserted (at a cost of $500). Accurate flow measurement at the head of the rearing channel is needed to determine that flow is going to the channel and is a factor used in determining steelhead density and habitat quality. A magnetic meter does not have clogging issues because a magnetic field is used to measure flow in the pipe and there is no part of the instrument in the pipe flow.

TMX was the controls subcontractor for the facility upgrade, has extensive experience with the onsite equipment, and installed and programmed the PLC for the facility.

IMPACTS ON STAFF AND RESOURCES: Funds for this work were included in the mid-year FY 2020-2021 budget adjustment under Program line item 2-3-1 A. General Operations and Maintenance.

EXHIBIT
9-A March 20, 2021 Cost Estimate from Telemetrix

TO: Larry Hampson, MPWMD
FM: Kim Cohan, Telemetrix
DT: March 20, 2021
RE: SHSRF wet bulb sensor for cooling tower & magnetic flow meter for FE-401

Dear Mr. Hampson,

We are pleased to furnish this proposal to MPWMD for cooling tower wet bulb control of cooling fan and converting the FE-401 paddlewheel to a magnet flow meter..

Wet bulb temperature project scope:

1. Install Vaisela HMS-110 wet bulb sensor on backboard at headworks. Connect with conduit to CP-400 remote PLC.
2. Change PLC software to operate cooling tower fan when wet bulb temperature is within evaporative cooling regime. Shut down cooling tower when wet bulb temperature approaches inlet water temperature.
3. Update HMI to show wet bulb and dry bulb temperatures. Update user manual.

Cost: $6,135.00

FE-401 Mag meter replacement:
Replace existing Seametrics paddlewheel flow meter with Seametrics EX250S magnetic flow meter and new power supply.
Cost: $4,560.00

Total: $10,695.00. Deduct $500 if both items are ordered concurrently.

Terms: Net 30 on approved credit.

Sincerely,

Kim Cohan, Owner Kim@telemetrix.com 831-521-2360

ITEM: PUBLIC HEARING

12. CONSIDER ADOPTION OF URGENCY ORDINANCE NO. 188 – AN ORDINANCE OF THE BOARD OF DIRECTORS OF THE MONTEREY PENINSULA WATER MANAGEMENT DISTRICT TEMPORARILY SUSPENDING RULES 20-B-6 AND 24-B-1-i PERTAINING TO EXTERIOR RESTAURANT SEATING AND THE RELOCATION/EXPANSION OF GROUP II AND WINE TASTING ROOMS IN RESPONSE TO CALIFORNIA'S BLUEPRINT FOR A SAFER ECONOMY

Meeting Date:	**April 19, 2021**	**Budgeted:**	**N/A**
From:	**David J. Stoldt, General Manager**	**Program/ Line Item No.:**	**N/A N/A**
Prepared By:	**Stephanie Locke**	**Cost Estimate:**	**N/A**

General Counsel Review: Completed.
CEQA Compliance: This ordinance is exempt from the California Environmental Quality Act pursuant to CEQA Guidelines Section 15301, Existing Facilities, as these amendments relate to permitting and alterations of existing facilities.

SUMMARY: On May 18, 2020, the District adopted Urgency Ordinance No. 186 suspending enforcement of Water Permit requirements for outdoor seating at restaurants to facilitate the state's long-awaited guidelines for reopening the economy after the March 2020 Stay Home Order. At that time it was inconceivable that almost a year later restaurants, bars, wine tasting rooms, and other Group II uses would still be required to operate outdoors until certain metrics were achieved. As the pandemic is not over, and the requirements for outdoor operations continue, there is an urgent need to continue to support and facilitate safe operations of certain businesses.

Although California's Blueprint for a Safer Economy has allowed limited interior uses to resume in the Orange Tier, there remains a need for outdoor operations to minimize crossflow of customers in enclosed environments. California's guidelines for food and beverage businesses include removing tables and chairs from indoor areas so that six feet of physical distance can be maintained for customers and employees. The guidelines also require discontinuing seating of customers where customers cannot maintain six feet of distance from employee work and food and drink preparation areas. Jurisdictions have supported social distancing at restaurants, bars, tasting rooms and other Group II uses by shutting down parking spaces and sidewalks to allow businesses to operate outdoors.

Urgency Ordinance No. 188 (**Exhibit 12-A**) continues the District's outdoor seating exemption adopted in Ordinance No. 186 and addresses the Blueprint for a Safer Economy's guidance that Group II uses (bars and other food services) and tasting rooms operate outdoors. As an urgency ordinance, it will expire after one year.

RECOMMENDATION: Staff recommends the Board adopt Urgency Ordinance No. 188 on April 19, 2021.

EXHIBIT
12-A Ordinance No. 188

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EXHIBIT 12-A

ORDINANCE NO. 188

**AN URGENCY ORDINANCE OF
THE BOARD OF DIRECTORS OF THE
MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
TEMPORARILY SUSPENDING RULES 20-B-6 AND 24-B-1-i
PERTAINING TO EXTERIOR RESTAURANT SEATING AND THE
RELOCATION/EXPANSION OF GROUP II AND WINE TASTING ROOMS
IN RESPONSE TO CALIFORNIA'S BLUEPRINT FOR A SAFER ECONOMY**

FINDINGS

1. The Monterey Peninsula Water Management District ("District" or "Water Management District") is charged under the Monterey Peninsula Water Management District Law with the integrated management of the ground and surface water resources in the Monterey Peninsula area.

2. The Water Management District has general and specific power to cause and implement water conservation activities as set forth in Sections 325 and 328 of the Monterey Peninsula Water Management District Law.

3. On May 12, 2020, California Governor Gavin Newsom announced the state's long-awaited guidelines for the reopening of Restaurants for sit-down dining, including extensive guidelines for physical distancing. These guidelines prompted the District's adoption of Urgency Ordinance No. 186 to facilitate outdoor dining.

4. On August 28, 2020, the Governor introduced the Blueprint for a Safer Economy, a statewide, stringent and slow plan for living with COVID-19. The plan imposes risk-based criteria on tightening and loosening COVID-19 allowable activities and expands the length of time between changes to assess how any movement affects the trajectory of the disease.

5. Outdoor areas for food and beverage service has been prioritized over inside seating to minimize exposure of customers in enclosed environments.

6. The Governor's guidelines include removing tables and chairs from indoor dining areas so that six feet of physical distance can be maintained for customers and employees. If tables, chairs, booths, etc., cannot be moved, visual cues must be used to show that they are not available for use or Plexiglas or other types of impermeable physical barriers must be installed to minimize exposure between customers.

7. The guidelines also require discontinuing seating of customers where customers cannot maintain six feet of distance from employee work and food and drink preparation areas.

8. Jurisdictions have allowed outdoor seating to facilitate social distancing, including shutting down parking spaces and sidewalks to create open air dining areas.

9. California's Blueprint for a Safer Economy requires certain Users to conduct business outdoors and to limit the number of patrons indoors. As this action is temporary in nature and changing frequently, urgency is needed to address the current transitions from one tier to another and the potential that higher tiers could be reestablished.

10. Urgency Ordinance No. 186 was adopted in May 2020 to respond to guidelines that required certain businesses to operate outdoors that conflicted with the District's permanent rules. The circumstances have not been fully reversed and may be reinstated, and until there is no requirement for outdoor food and beverage services in response to the pandemic, the exception made by Ordinance No. 186 needs to remain in place.

11. MPWMD Rule 24 regulates the number of outdoor seats that a Restaurant can have before a Water Permit is required. A Restaurant may have one-half the number of Interior Restaurant Seats for outdoor dining without a requirement for a Water Permit (e.g. "standard exterior seat allowance"). Any seating above the standard exterior seat allowance requires a Water Permit, which may require water from a Jurisdiction's Allocation or an Entitlement.

12. MPWMD Rule 24 regulates bars and tasting rooms to calculate Capacity based on the User's California Department of Alcoholic Beverage Control (ABC) map of the area allowed for beverage consumption as shown on the User's Liquor License. During the Covid-19 emergency, the ABC has allowed bars and wine tasting rooms to expand to outdoor areas, and the District has not enforced this relocation in use. Upon expiration of this ordinance, Water Permits shall be required for Users who amend their ABC permits to allow greater use of outdoor spaces.

13. This ordinance continues the suspension of the standard exterior seat allowance (Rule 24-B-1-i). This suspension allows a full-service restaurant to have two outdoor seats for every lawfully permitted indoor seat in keeping with Finding 11 of Ordinance No. 164 and with

the Jurisdiction's Codes.

14. This ordinance recognizes that certain uses (e.g. wine tasting rooms, bars, etc.) have had to move their operations to outdoor spaces, and the District has not enforced the Water Permit requirement for those relocated uses during the pandemic.

15. This ordinance is exempt from the California Environmental Quality Act pursuant to CEQA Guidelines Section 15301, Existing Facilities, as these amendments relate to permitting and alterations of existing facilities.

NOW THEREFORE be it ordained as follows:

ORDINANCE

Section One: **Short Title**

This ordinance shall be known as 2021 MPWMD Response to California's Blueprint for a Safer Economy.

Section Two: **Purpose**

This ordinance suspends Rule 24-B-1-i for Restaurants that remove Interior Restaurant Seats and increase Exterior Restaurant Seats, suspends enforcement of expansion/relocation of Group II uses and wine tasting rooms that must operate outdoors as a response to the State of California's Blueprint for a Safer Economy.

Section Three: **Limited Suspension of Rule 20-B-6**

Rule 20-B-1-i states:

> Any Change of Use or any expansion of a Non-Residential use to a more intensive use as determined by Rule 24, with the exception of Temporary Structures and Temporary Exterior Restaurant Seats that are not occupied or in use for longer than thirty (30) consecutive days.

For the duration of this ordinance, a Water Permit shall not be required to relocate or expand Group II businesses and Group I wine tasting to outdoor areas as required by California's Blueprint for a Safer Economy.

Section Four: **Limited Suspension of Rule 24-B-1-i**

Rule 24-B-1-i states:

> A Restaurant's Water Use Capacity shall be determined by the maximum Interior Restaurant Seat count authorized by the Jurisdiction and District. Exterior Restaurant Seats may be maintained for al fresco dining without a requirement for a new or amended Water Permit provided the maximum number of Exterior Restaurant Seats does not exceed one-half the number of authorized Interior Restaurant Seats (the "standard exterior seat allowance"). Exterior Restaurant Seating not in compliance with this paragraph shall require a new or amended Water Permit.

For the duration of this ordinance, a Water Permit shall not be required to increase the Exterior Restaurant Seats above the standard exterior seat allowance at Restaurants that have a seat count on file with the District. For those restaurants that add outdoor seating pursuant to this provision, one Interior Restaurant Seat shall be removed for every two Exterior Restaurant Seats added. Restaurants with no seat count on file shall contact the District by email at conserve@mpwmd.net prior to exceeding the standard exterior seat allowance.

Section Five: Publication and Application

The provisions of this ordinance shall not cause the republication of the Rules and Regulations of the Monterey Peninsula Water Management District.

Section Six: Effective Date and Sunset

This ordinance shall be adopted with urgency and take effect at 12:01 a.m. on April 20, 2021. Insofar as this Ordinance has been enacted as an urgency measure, it shall have no force or effect after April 19, 2022.

Section Seven: Severability

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

On motion of Director _____, and second by Director _____, the foregoing ordinance is adopted upon this 19th day of April 2021, by the following vote:

AYES:
NAYS:
ABSENT:

I, David J. Stoldt, Secretary to the Board of Directors of the Monterey Peninsula Water Management District, hereby certify the foregoing ordinance was duly adopted on the 19th day of April 2021.

Witness my hand and seal of the Board of Directors this ____ day of _____, 2021.

_____
David J. Stoldt, Secretary to the Board

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ITEM: ACTION ITEM

13. CONSIDER ADOPTION OF STRATEGIC PLANNING GOALS

Meeting Date:	**April 19, 2021**	**Budgeted:**	**N/A**
From:	**David J. Stoldt, General Manager**	**Program/ Line Item No.:**	**N/A N/A**
Prepared By:	**David J. Stoldt**	**Cost Estimate:**	**N/A**

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

SUMMARY: Every two years, the District establishes strategic planning goals and objectives. From time to time, the Board has reviewed and revised its Mission, Vision, and Values. During the past 25 years, the District has utilized an outside facilitator to guide the goal-setting process ten times, often over multiple sessions. The District has also historically utilized internal resources – a series of meetings between the General Manager and Directors, and management staff, to develop strategic planning goals six times during the same time period.

In March of 2020, the Board authorized a facilitated strategic planning session to help develop near-term and long-term goals for the District. Such goal development helps inform policy priorities for the Board, identify potential budget impacts, and set a foundation for evaluation of the performance of the General Manager. However, with the advent of Covid-19 the facilitated process was delayed in hopes that in-person meetings would return. When it became evident that would not be the case, it was decided to hold the strategic planning sessions via Zoom. Two half-day sessions were held with full Board participation on March 12th and March 26th, 2021. The sessions were guided by Dr. Richard Garcia of RJA Management Services – a service he also provided the District in 2001 and 2002.

Exhibit 13-A includes proposed strategic planning goals. The Board also chose to review and revise its proposed Mission, Vision, and Values, which is included as **Exhibit 13-B**.

RECOMMENDATION: The General Manager recommends the Board review, discuss, edit as necessary, and adopt the proposed strategic planning goals and objectives, as well as the proposed revised Mission, Vision, and Values.

EXHIBITS
13-A Proposed Strategic Planning Goals and Objectives
13-B Proposed Revisions to District Mission, Vision, and Values

EXHIBIT 13-A

MPWMD Proposed Strategic Goals and Objectives

1. **Goal** - Provide a safe, reliable, sustainable, diversified, affordable, legal water supply to the Monterey Peninsula Region.

   Near-Term Objectives
   a. As project manager, complete Pure Water Monterey Deep Injection Wells 3 and 4 within a year.
   b. Support Monterey One Water in work required to certify SEIR by May.
   c. Build case for Pure Water Monterey expansion with State regulators and the community through meetings, filings, and presentations as needed.

   Long-Term Objectives
   a. Continue implementing Measure J for long-term lower water costs.
   b. Partner with Monterey One Water to expand the Pure Water Monterey Project.
   c. Update the Water Supply and Demand Study as new data becomes available.
   d. Develop a plan to maximize ASR storage in a post-CDO world.

2. **Goal** - Pursue public ownership of the water distribution system.

   Near-Term Objectives
   a. Complete the LAFCO process and district review in 2021.
   b. Hold a hearing of public necessity in 2021.
   c. Develop a public awareness campaign with District outreach consultant for use in Q3 and Q4 of 2021, and in 2022.

   Long-Term Objectives
   a. Complete rate-study in advance of bench trial.
   b. Initiate bench trial phase in 2022.
   c. Succeed at bench trial phase and move to valuation phase within two years.

3. **Goal** - Plan for long-range surface and groundwater resource needs.

   Near-Term Objectives
   a. Bring Los Padres Dam Alternatives study to a conclusion within a year

   Long-Term Objectives
   a. Partner on a regional desalination project when need is indicated.
   b. Assess climate change impacts on local water supplies
   c. Work with watermaster and affected parties on replenishment and protective water levels in Seaside Groundwater Basin.

4. **Goal** - Protect and enhance the District's financial resources.

Near-Term Objectives

a. Receive GFOA award for comprehensive annual financial report (CAFR) for 2021.
b. Maintain CSDA transparency certificate of compliance in 2021.
c. Continue to develop strategy for PERS and OPEB liabilities in 2021-22 budget.
d. Plan to pay down the Mechanics Bank loan in July/Aug 2021.
e. Improve asset management documentation and funding in 2021-22 budget.

Long-Term Objectives

a. Implement the Board's policy to use surplus User Fee revenue to (i) pay down the Mechanic's Bank loan, (ii) repay other District reserves used for water supply projects, and (iii) sunset a portion of the Water Supply Charge. Identify potential competing uses for "surplus" User Fee and determine timeline.

5. **Goal -** Raise District profile, instill public trust, and be a regional leader on water issues.

Near-Term Objectives

a. Pursue the Water for Housing initiative at SWRCB in 2021.
b. Oversee distribution of $2.2 million of Integrated Regional Water Management Program (IRWM) Implementation Round 1 grants in coming year.
c. Coordinate on regional issues with other water agencies quarterly or more often.
d. Be the knowledgeable source of choice for information on supply, demand, drought, and other local water issues as needed by public, media, and regulators.
e. Bring the Salinas and Carmel River Basins study to completion within a year.
f. Conduct community engagement meetings in each Division on water needs and required resources, at least one per Division this year (Covid dependent)

Long-Term Objectives

a. Maintain leadership of the Integrated Regional Water Management Program (IRWM) process for Implementation Round 2.
b. Continue to coordinate on regional issues with other water agencies.
c. Be the knowledgeable source of choice for information on supply, demand, drought, and other local water issues.

6. **Goal** - Promote and enhance organizational efficiency and effectiveness.

Near-Term Objectives

a. Fill open positions.
b. Discuss implementation of an employee hybrid remote work schedule post-Covid-19 for implementation within one month of "Green Tier" designation for Monterey County.
c. Assess need for additional support in GM office by year end.
d. Launch a customer satisfaction survey

Long-Term Objectives

a. Continue to develop electronic documents library and migrate data
b. Develop sustainability plan for District assets and practices

EXHIBIT 13-B

Proposed Mission, Vision, and Values

Mission

Sustainably manage and augment the water resources of the Monterey Peninsula to meet the needs of its residents and businesses while protecting, restoring, and enhancing its natural and human environments.

Vision

Model ethical, responsible, and responsive governance in pursuit of our mission.

Values

- Transparency and Accountability
- Leadership
- Stewardship of Environmental Resources
- Financial Responsibility
- Honesty and Integrity
- Professionalism and Respect
- Equity and Inclusivity
- Pursuit of Excellence

ITEM: ACTION ITEM

14. CONSIDER AUTHORIZATION FOR GENERAL MANAGER TO AMEND CONTRACT FOR LOS PADRES DAM ALTERNATIVES STUDY

Meeting Date:	**April 19, 2021**	**Budgeted:**	**Yes**
From:	**Dave Stoldt, General Manager**	**Program/ Line Item No.:**	**Augment Water Supply 1-1-2 Los Padres Dam Long Term Plan**
Prepared By:	**Thomas Christensen**	**Cost Estimate:**	**$94,220 (reimbursed)**

General Counsel Review: N/A
Committee Recommendation: The Administrative Committee reviewed this item on April 12, 2021 and recommended approval.

SUMMARY: The District and Cal-Am are working cooperatively to develop a comprehensive long-term management plan for Los Padres Dam and Reservoir. Part of this process includes the Los Padres Alternatives Study (Study). The cost for this Study was developed in 2016 and the District entered into a contract with AECOM in early 2017. The reports were supposed to be finalized in 2018. However, there has been significant input from California Department of Fish and Wildlife (CDFW) and the National Marine Fisheries Service (NMFS) with regards to technical aspects of the Study related to sediment, steelhead, and modeled Carmel River flows. Much of this review by CDFW and NMFS is complete, and AECOM is now preparing to complete the remaining tasks of the Study and incorporate some new information from NMFS' own steelhead studies on the Carmel River. AECOM has requested a contract amendment because their original cost proposal did not account for this long of a study duration (annual rate increases), additional technical review meetings, and incorporation of new steelhead studies **(Exhibit 14-A)**.

The Study focuses on three main alternatives: 1) management of existing and future sediment accumulation in the reservoir; 2) expansion of reservoir storage; and 3) dam removal. To finalize the Study, AECOM needs to evaluate the effects on steelhead from different alternatives, identify feasible alternatives, and prepare a final report.

RECOMMENDATION: The Board should authorize and approve the budget amendment request received from AECOM for the Los Padres Dam & Reservoir Alternatives & Sediment Management Study, AECOM Project No. 60536296 not to exceed $94,220. It is important to note that Cal-Am has agreed to reimburse the District and fund this budget amendment request.

DISCUSSION: Many of the delays in completing the Study have been outside of AECOM's control. AECOM has also attended additional meetings with CDFW and NOAA to help work towards a final document that addresses their concerns.

EXHIBIT
14-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 15, 2021

Thomas Christensen
MPWMD Environmental Resources Division Manager
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. Christensen,

The AECOM Team is requesting additional budget for the Los Padres Dam and Reservoir Alternatives and Sediment Management Study (Study). This proposal has been updated based on comments from and discussion with Monterey Peninsula Water Management District (MPWMD) and California American Water Company (CalAm).

AECOM developed its cost proposal for the Study in 2016 based on a scope and schedule that would have had the Study complete in 2018. Due to the relatively short duration of the project, the cost proposal did not account for annual rate increases and the associated escalation of costs, nor for the management and coordination effort required over a longer study duration. However, significant delays outside of AECOM's control have extended the Study duration from less than 2.5 years to over 5 years, and the current schedule indicates completion of the Study in 2022. In order to support the Study at the same level of effort as that originally proposed in 2016, AECOM proposes to escalate the approved budget for incomplete tasks so that they are budgeted at 2021 billing rates, as opposed to 2016 rates, and to allow for a suitable refamiliarization effort to get all leads up to speed on the latest developments and information prior to kicking off the alternatives formation phase. This proposal also includes limited effort to include new information from NMFS into the Study.

The initial Study delay was caused by additional work requested by the Technical Review Committee (TRC) during completion of the Sediment Management Options task (Task 2) and extended the project duration roughly 1 year. AECOM completed Task 2 in March 2019 and was prepared to proceed with Task 3 at that time, but the TRC's requests of analyses being developed by MPWMD and others continue to delay the Study. Although the AECOM Team has maintained limited involvement in the Study over the past 2 years as the TRC, MPWMD, and others have worked through completion of the analyses upon which the AECOM Team's next tasks depend, this has not contributed to completion of our approved scope of work and has resulted in depletion of budget for upcoming tasks. For example, the Task 3 (Evaluate Effects on Steelhead) budget is over 25 percent spent and although we have provided several report outline's for MPWMD's consideration, and have participated in many meetings, we have not yet initiated the approved scope of work because it is dependent on the analyses still underway by others. In addition to additional budget for meetings and coordination already complete proposed for Task 3, this proposal also includes time to incorporate new information from NMFS' Carmel River fisheries study into the Task 3 analysis. This information was not available or anticipated when the original scope of work was developed.

As we look towards upcoming completion of the analyses that will allow the AECOM Team to resume our approved scope of work, it is apparent that we will need to spend appropriate effort refamiliarizing the AECOM Team (including a new design lead) with where we left things, along with the latest

developments and industry knowledge, before we can kick off the next phase. Our scope of work is a multidisciplinary scope that depends on integration of input from our civil design engineers, geotechnical engineers, geologists, hydrologists, and biologists, and it is critical that each discipline lead have a comprehensive understanding of the full body of work. Therefore, we have proposed a new Restart Task 1-5 that will allow the AECOM Team to review past materials and convene an internal workshop that will allow us to move forward in a coordinated and efficient manner.

In summary, AECOM proposes the following additions to the AECOM Team budget for the Study:

- $47,450 for 3 percent annual escalation of approved budgets for incomplete tasks, to bring the 2016 costs current with 2021
- $21,550 restart cost to refamiliarize AECOM Team Study participants with previous work and work completed by others over the past 2 years
- $11,110 for incorporating available results from NMFS' Carmel River steelhead study, as described in NMFS' annual Carmel River Steelhead Fisheries reports, into Task 3. AECOM assumes this will include all reports through the 2021 annual report which will be available as a draft by April 30, 2021 and as a final report by May 31, 2021.
- $14,110 for additional meetings and coordination that has occurred throughout the Study, primarily associated with Task 3, but including extra effort spent across all Study tasks. This additional budget is for meetings, coordination, review of third-party materials, and other effort that has already been spent. The amount requested is roughly equal to the amount the Task 3 budget has been depleted prior to initiating the approved Task 3 scope of work. The intent in including the additional meetings line item for the steelhead task is to account for the work that has occurred to date and restore the task funding to that which was previously approved, because we have not initiated the approved task scope of work and still anticipate needing the full budget to complete the task.

The total budget request is an additional $94,220, which, when combined with the currently approved contract budget would bring the total contract budget to $794,920. A table describing these costs in more detail is attached to this letter, followed by a revised schedule that includes the AECOM Team's Study Restart task and Task 3 dependence on availability of the 2021 annual report from NMFS. We recommend that this amendment be reviewed and approved in time for the additional Task 1-5 Restart budget to be available when the AECOM Team is asked to resume its approved scope of work on the Study. If you have any questions, please contact Jon Stead at jon.stead@aecom.com or 510-874-3058.

Sincerely,

Jonathan Stead
Project Manager
AECOM

Theodore Feldsher
VP, Dams/Water Resources Section Manager
AECOM

Cc: Aman Gonzales, California American Water

Attachments:

Attachment A - Summary of Current Task Budgets, Task Status, and Proposed Budgets for Contract Amendment

Attachment B – Revised Study Schedule Showing Restart

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

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

Attachment A: Summary of Current Task Budgets, Task Status, and Proposed Budgets for Contract Amendment

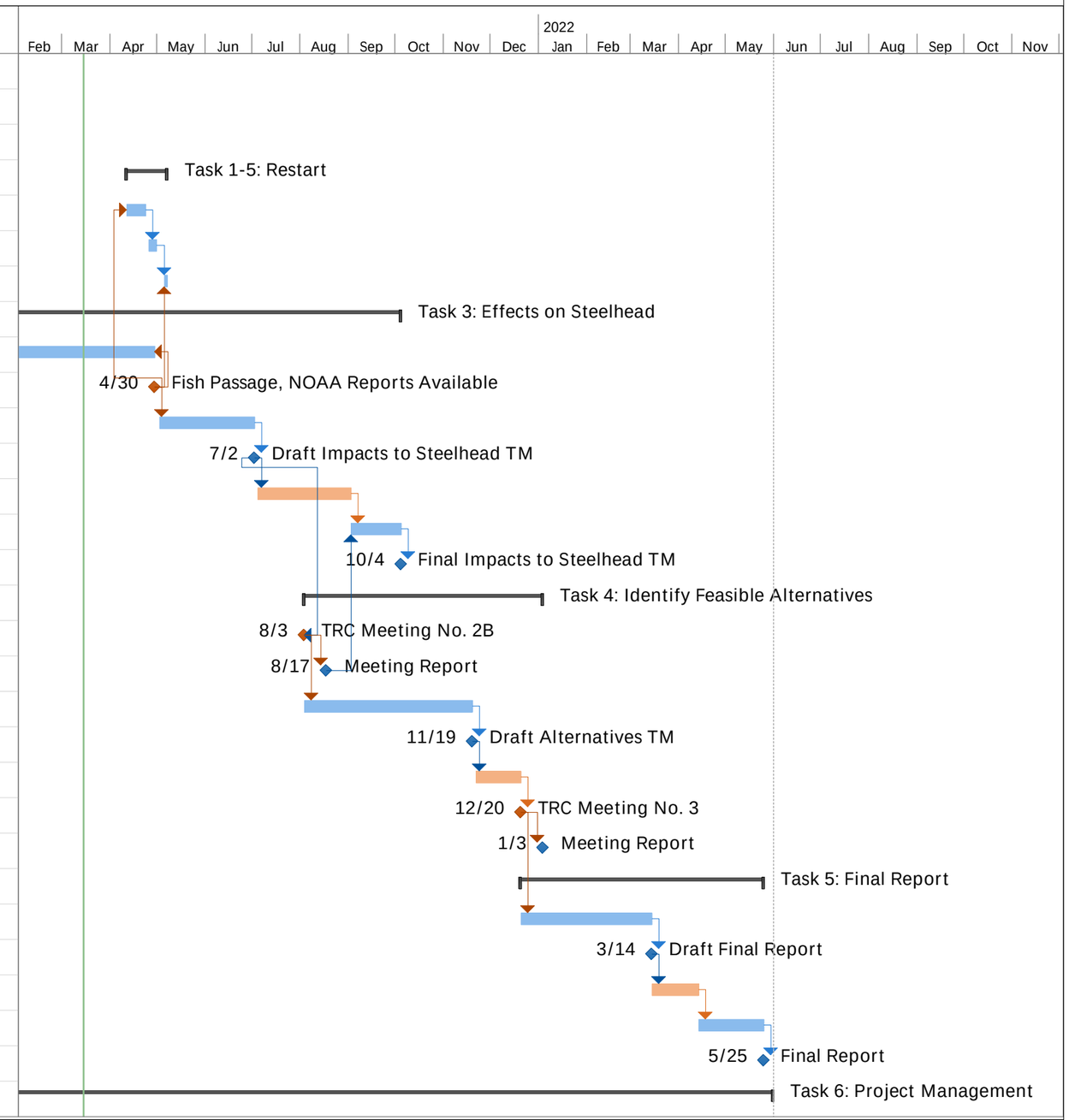
Task	Description	Approved Budget	Task Status	Rate Escalation Cost 2016 to 2021*	Restart Cost	Incorporate NMFS Results	Additional Meetings & Coordination	Total Amendment 3 Add Budget
1	**Feasibility Study Preparation**	**$44,392**	**Complete**	**$0**	**$21,553**	**$0**	**$0**	**$21,553**
1-1	Compile Background Information	$12,195	Complete	$0	$0	$0	$0	$0
1-2	Prepare Evaluation Criteria	$10,225	Complete	$0	$0	$0	$0	$0
1-3	Identify Critical Data Gaps	$7,158	Complete	$0	$0	$0	$0	$0
1-4	TRC Meeting No. 1	$14,814	Complete	$0	$0	$0	$0	$0
1-5	Restart Reviews and Internal Workshop	$0	Incomplete	$0	$21,553	$0	$0	$21,553
2	**Sediment Management Options**	**$358,401**	**Complete**	**$0**	**$0**	**$0**	**$0**	**$0**
2-1	Reservoir Sediment Samples	$185,833	Complete	$0	$0	$0	$0	$0
2-2	Describe Alternatives	$42,692	Complete	$0	$0	$0	$0	$0
2-3	Geomorphic Effects of Changes in Sediment	$129,876	Complete	$0	$0	$0	$0	$0
3	**Evaluate Effects on Steelhead**	**$54,049**	**Incomplete**	**$8,609**	**$0**	**$11,107**	**$14,109**	**$33,825**
3-1	Increase in Sediment Transport	$31,340	Incomplete	$4,992	$0	$0	$5,521	$10,512
3-2	No Increase in Sediment Transport	$9,080	Incomplete	$1,446	$0	$0	$2,476	$3,923
3-3	Alternative Water Supply & Task 3 TM	$13,629	Incomplete	$2,171	$0	$0	$6,112	$8,283
3-4	Incorporate NMFS Results	$0	Incomplete	$0	$0	$11,107	$0	$11,107
4	**Identify Feasible Alternatives**	**$111,516**	**Incomplete**	**$17,762**	**$0**	**$0**	**$0**	**$17,762**
4-1	TRC Meeting No. 2	$40,442	Incomplete	$6,441	$0	$0	$0	$6,441
4-2	Alternative Development	$56,260	Incomplete	$8,961	$0	$0	$0	$8,961
4-3	TRC Meeting No. 3	$14,814	Incomplete	$2,359	$0	$0	$0	$2,359
5	**Final Report**	**$51,878**	**Incomplete**	**$8,263**	**$0**	**$0**	**$0**	**$8,263**
5-1	Prepare Draft and Final Report	$51,878	Incomplete	$8,263	$0	$0	$0	$8,263
6	**Project Management**	**$80,464**	**Incomplete**	**$12,816**	**$0**	**$0**	**$0**	**$12,816**
6-1	Project Administration	$43,426	Incomplete	$6,917	$0	$0	$0	$6,917
6-2	Meetings and Conference Calls	$37,038	Incomplete	$5,899	$0	$0	$0	$5,899
	Totals	**$700,700**		**$47,449**	**$21,553**	**$11,107**	**$14,109**	**$94,218**

*Total additional cost due to 3 percent annual escalation applied to current budget

Los Padres Dam and Reservoir Alternatives and Sediment Managment Study

Project Schedule for Monterey Peninsula Water Management District

ID	Task Name	Duration	Start	Finish	Predecessors
1	Notice to Proceed	0 days	Thu 2/16/17	Thu 2/16/17	
2	Task 1: Study Preparation	175 days	Thu 2/23/17	Mon 10/30/17	
12	Task 2: Sediment Management	525 days	Thu 2/23/17	Thu 3/21/19	
49	Task 1-5: Restart	20 days	Mon 4/12/21	Fri 5/7/21	
50	Review Previous Study Reports	10 days	Mon 4/12/21	Fri 4/23/21	55FS-14 days
51	Plan Internal Workshop	5 days	Mon 4/26/21	Fri 4/30/21	50
52	Restart Workshop	2 days	Thu 5/6/21	Fri 5/7/21	51FS+3 days,55
53	Task 3: Effects on Steelhead	991 days	Tue 11/28/17	Mon 10/4/21	
54	Preliminary Analysis	879 days	Tue 11/28/17	Fri 4/30/21	55FF
55	Fish Passage, NOAA Reports Available	0 days	Fri 4/30/21	Fri 4/30/21	
56	Prepare Draft Steelhead TM	45 days	Mon 5/3/21	Fri 7/2/21	55FS+1 day
57	Draft Impacts to Steelhead TM	0 days	Fri 7/2/21	Fri 7/2/21	56
58	TRC Review of Draft Steelhead TM	44 days	Mon 7/5/21	Thu 9/2/21	57
59	Revise Impacts to Steelhead TM	22 days	Fri 9/3/21	Mon 10/4/21	63,58
60	Final Impacts to Steelhead TM	0 days	Mon 10/4/21	Mon 10/4/21	59
61	Task 4: Identify Feasible Alternatives	109 days	Tue 8/3/21	Mon 1/3/22	
62	TRC Meeting No. 2B	0 days	Tue 8/3/21	Tue 8/3/21	57SF+22 days
63	Meeting Report	0 days	Tue 8/17/21	Tue 8/17/21	62FS+10 days
64	Task 4-2: Alternatives Development	78 days	Wed 8/4/21	Fri 11/19/21	62
65	Draft Alternatives TM	0 days	Fri 11/19/21	Fri 11/19/21	64
66	TRC Review Alternatives TM	21 days	Mon 11/22/21	Mon 12/20/21	65
67	TRC Meeting No. 3	0 days	Mon 12/20/21	Mon 12/20/21	66
68	Meeting Report	0 days	Mon 1/3/22	Mon 1/3/22	67FS+10 days
69	Task 5: Final Report	112 days	Tue 12/21/21	Wed 5/25/22	
70	Prepare Draft Final Report	60 days	Tue 12/21/21	Mon 3/14/22	67
71	Draft Final Report	0 days	Mon 3/14/22	Mon 3/14/22	70
72	TRC Review of Draft Final Report	22 days	Tue 3/15/22	Wed 4/13/22	71
73	Prepare Final Report	30 days	Thu 4/14/22	Wed 5/25/22	72
74	Final Report	0 days	Wed 5/25/22	Wed 5/25/22	73
75	Task 6: Project Management	1360 days	Thu 2/16/17	Tue 5/31/22	



Date: Mon 3/15/21

AECOM Task | AECOM Milestone | Summary | External Tasks | External Milestone

ITEM: DISCUSSION ITEM

15. UPDATE ON INTEGRATED REGIONAL WATER MANAGEMENT GRANT STATUS

Meeting Date:	**April 19, 2021**	**Budgeted:**	**N/A**
From:	**David J. Stoldt, General Manager**	**Program/ Line Item No.:**	**N/A N/A**
Prepared By:	**David J. Stoldt**	**Cost Estimate:**	**N/A**

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

SUMMARY: On April 4, 2021 the District received the executed Integrated Regional Water Management (IRWM) Implementation Round 1 Grant agreement (Agreement) for the Monterey Peninsula region in the amount of $2,238,904.

Next steps will be to issue subgrant agreements to the local project sponsors and start getting various required documents submitted to DWR.

The District, as "Grantee", has many duties including (a) administration of the Agreement with California Department of Water Resources, (b) invoicing, with documentation, on behalf of the Local Project Sponsors, (c) progress reporting.

There are three projects – all non-District—that are being supported by this Implementation Round 1 grant, as described in **Exhibit 15-A** attached.

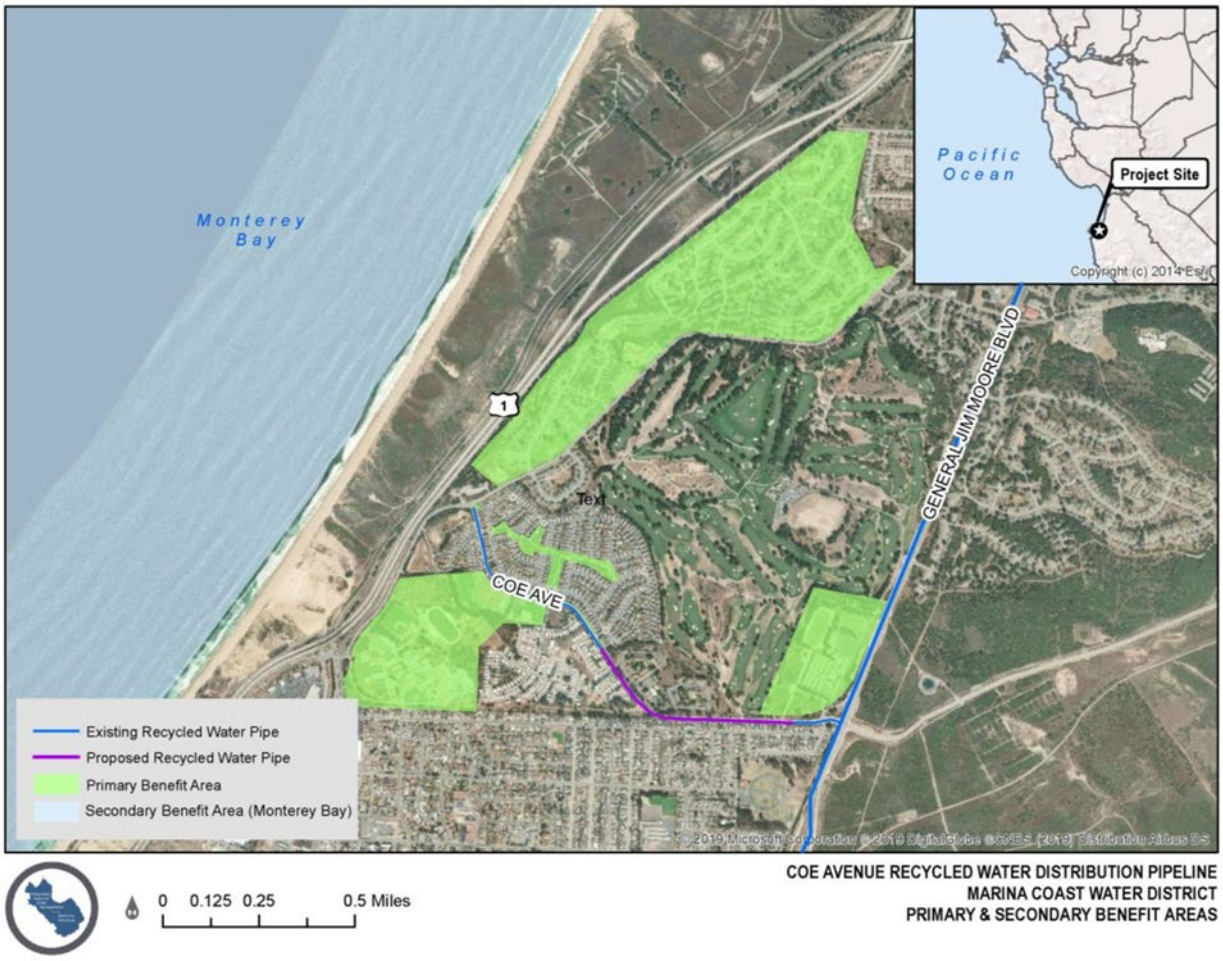
EXHIBIT
15-A Implementation Round 1 Local Projects Receiving Grant Funding

EXHIBIT 15-A

PROJECT 1: Coe Avenue Recycled Water Distribution Pipeline

IMPLEMENTING AGENCY: Marina Coast Water District (MCWD)

PROJECT DESCRIPTION: The Coe Avenue Recycled Water Distribution Pipeline Project involves the construction of approximately 3,170 linear feet of new recycled water distribution main in Coe Avenue in the City of Seaside. This new distribution line will allow for the delivery of recycled water from the existing trunk main on General Jim Moore Boulevard to recycled water users located along the project alignment. When MCWD's recycled water program is fully implemented, irrigation customers with access to recycled water will be required to switch to a recycled source. The primary benefit is the reliable, recycled water supply; MCWD estimates that switching Coe Avenue customers to recycled water will save approximately 200 acre-feet of potable water per year.



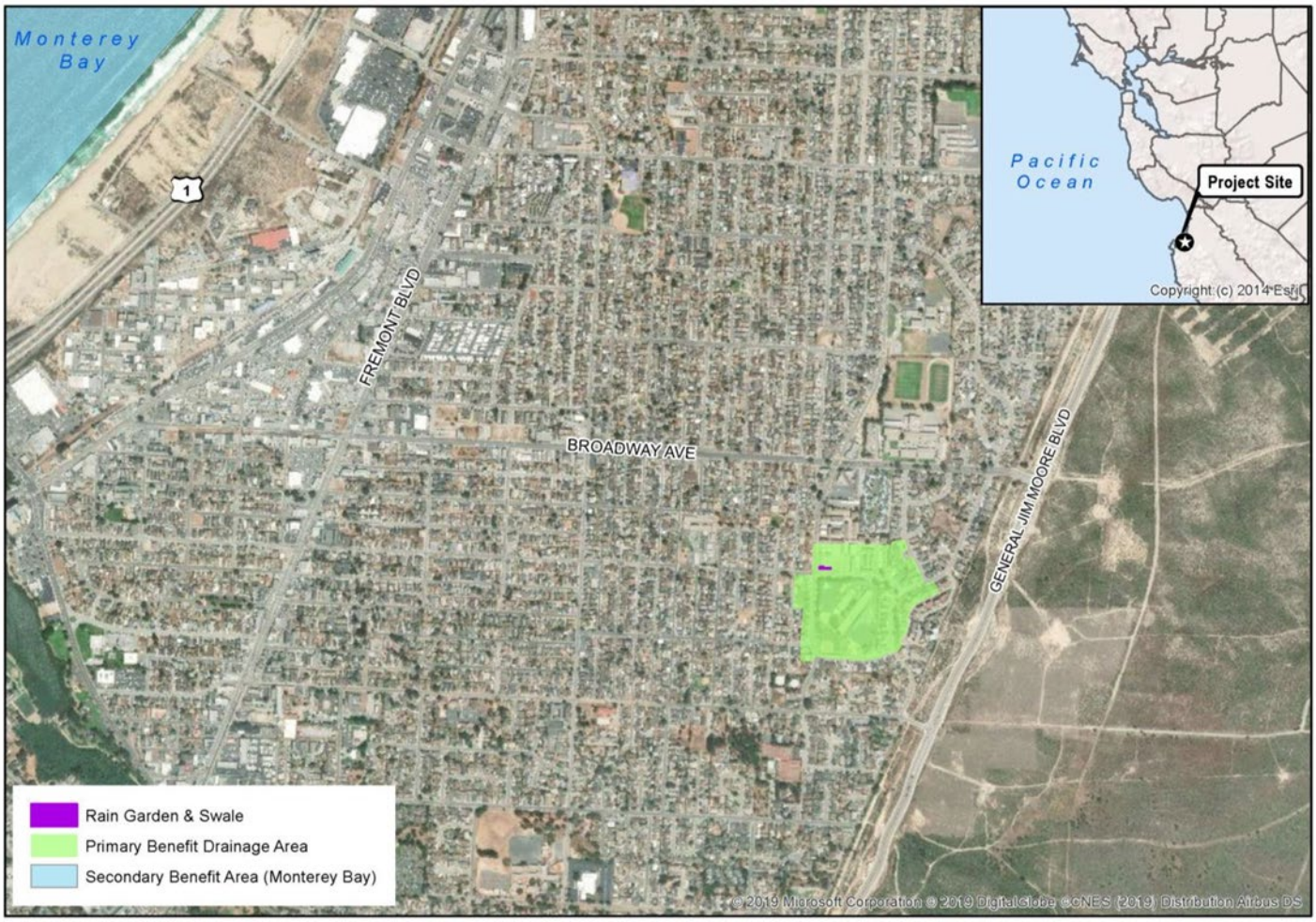
COE AVENUE RECYCLED WATER DISTRIBUTION PIPELINE
MARINA COAST WATER DISTRICT
PRIMARY & SECONDARY BENEFIT AREAS

PROJECT 2: Del Monte Manor Low Impact Development Improvement Project

IMPLEMENTING AGENCY: City of Seaside

PROJECT DESCRIPTION: The Del Monte Manor Low Impact Development Improvement Project (project), includes reconstruction of a portion of an existing drainage detention basin with stormwater capture and treatment facilities.

The project protects approximately 0.57 acres from regular flooding and results in about 11 acre feet per year of stormwater infiltration in years with normal or above-normal precipitation. The project will reduce urban runoff pollutant loads, including trash and debris, currently discharged to the Monterey Bay National Marine Sanctuary. Runoff from the approximately 24-acre tributary catchment that currently enters the storm drain system will be re-routed to the pre-treatment bioswale and subsurface infiltration infrastructure. The project includes permanent educational signage to inform the public about the benefits of the bioswale and subsurface infrastructure.



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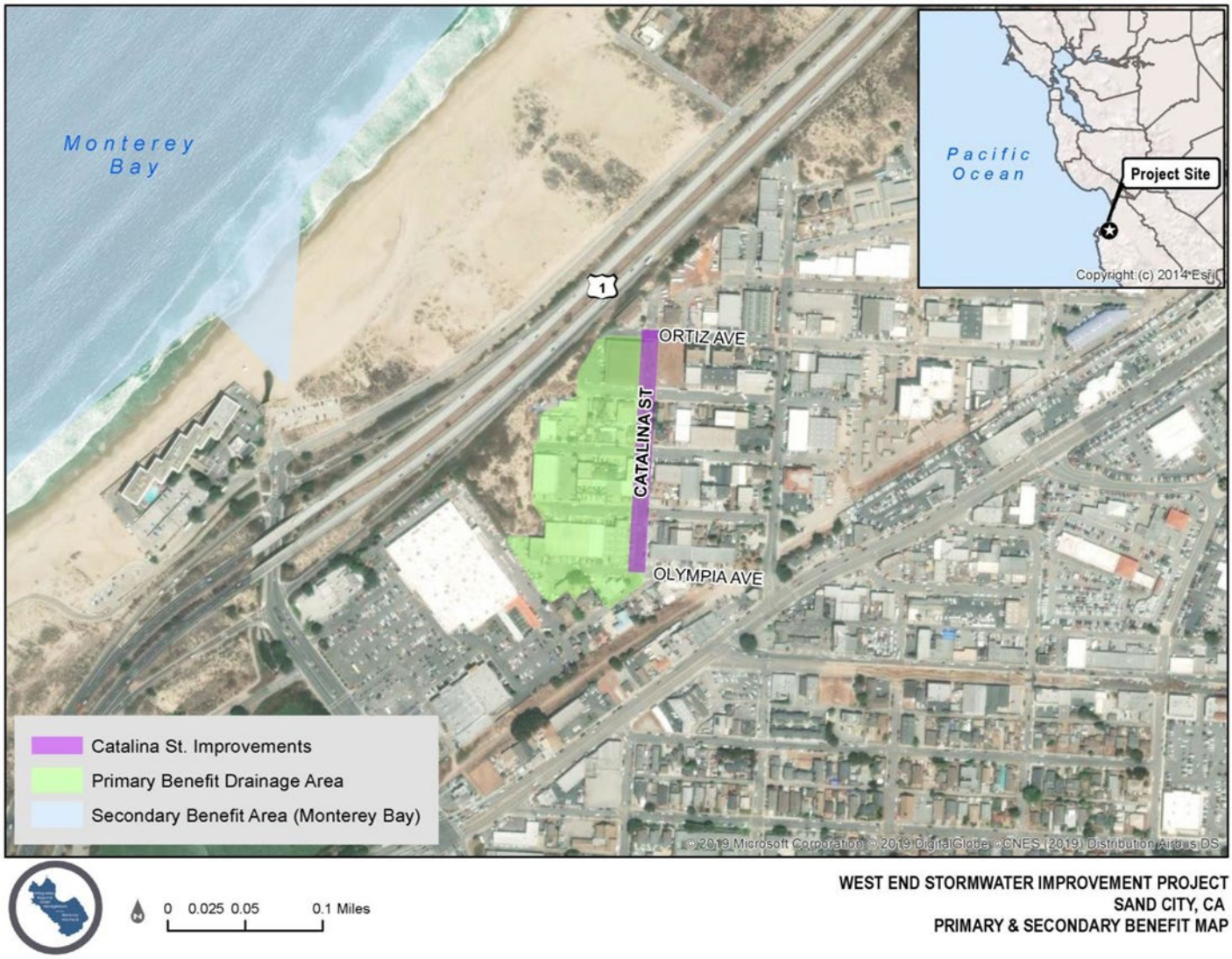
DEL MONTE MANOR DRAINAGE IMPROVEMENTS PROJECT
SEASIDE, CA
PRIMARY & SECONDARY BENEFIT AREAS

PROJECT 3: West End Stormwater Improvement Project

IMPLEMENTING AGENCY: City of Sand City

PROJECT DESCRIPTION: The West End Stormwater Improvement Project (project) will install the following features: (1) bioretention facilities including curb extensions at intersections, (2) permeable pavement in parking/areas and at intersections, (3) new catch basins, (4) a series of horizontal infiltration chambers, and (5) new storm drain routing and abandonment of existing storm drains in various locations. The project will treat approximately 5 acres within the West End neighborhood. The project will reduce the total suspended solids entering Monterey Bay by an average of 450 kilograms/year.



WEST END STORMWATER IMPROVEMENT PROJECT
SAND CITY, CA
PRIMARY & SECONDARY BENEFIT MAP

BUDGET

PROPOSITION 1 ROUND 1 MONTEREY PENINSULA, CARMEL BAY, AND SOUTH MONTEREY BAY IRWM IMPLEMENTATION GRANT

AGREEMENT BUDGET SUMMARY

		Grant Amount	Required Cost Share: Non-State Fund Source	Other Cost Share	Total Cost	Percent Cost Share
	Grant Administration	$155,000	$0	$0	$155,000	0%
PROJECTS						
1	Coe Avenue Recycled Water Distribution Pipeline	$407,040	$559,334	$0	$966,374	58%
2	Del Monte Manor Low Impact Development Improvement Project	$579,464	$0	$0	$579,464	0%
3	West End Stormwater Improvement Project	$1,097,400	$0	$0	$1,097,400	0%

1. related correspondence

ITEM: INFORMATIONAL ITEM/STAFF REPORT

16. STATUS REPORT ON MEASURE J/RULE 19.8 PHASE II SPENDING

Meeting Date:	**April 19, 2021**	**Budgeted:**	**N/A**
From:	**David J. Stoldt, General Manager**	**Program/ Line Item No.:**	**N/A**
Prepared By:	**Suresh Prasad**	**Cost Estimate:**	**N/A**

General Counsel Review: N/A
Committee Recommendation: The Administrative Committee reviewed this item on April 12, 2021.
CEQA Compliance: This action does not constitute a project as defined by the California Environmental Quality Act Guidelines Section 15378.

SUMMARY: Attached for review is **Exhibit 16-A**, monthly status report on Measure J/Rule 19.8 Phase II spending for the period February 2021. This status report is provided for information only, no action is required.

EXHIBIT
16-A Status on Measure J/Rule 19.8 Phase II Spending

EXHIBIT 16-A

Monterey Peninsula Water Management District
Status on Measure J/Rule 19.8 Spending Phase II
Through February 2021

	Contract	Date Authorized	Contract/Approved Amount	Prior Period Spending	Current Period Spending	Total Expended To Date	Spending Remaining	Project No.
1	Eminent Domain Legal Counsel	12/16/2019	$ 225,000.00	$ 155,236.94	$ 2,358.51	$ 157,595.45	$ 67,404.55	PA00005-01
2	CEQA Work	12/16/2019	$ 134,928.00	$ 134,779.54		$ 134,779.54	$ 148.46	PA00005-02
3	Appraisal Services	12/16/2019	$ 200,000.00	$ 183,720.00		$ 183,720.00	$ 16,280.00	PA00005-03
4	Operations Plan	12/16/2019	$ 145,000.00	$ 62,077.50		$ 62,077.50	$ 82,922.50	PA00005-04
5	District Legal Counsel	12/16/2019	$ 40,000.00	$ 88,235.02		$ 88,235.02	$ (48,235.02)	PA00005-05
6	MAI Appraiser	12/16/2019	$ 120,000.00	$ 76,032.00		$ 76,032.00	$ 43,968.00	PA00005-06
7	Jacobs Engineering	12/16/2019	$ 87,000.00	$ 70,377.28		$ 70,377.28	$ 16,622.72	PA00005-07
8	Contingency/Miscellaneous/Uncommitted	12/16/2019	$ 289,072.00	$ 4,433.65	$ 7,200.00	$ 11,633.65	$ 277,438.35	PA00005-20
	Total		**$ 1,241,000.00**	**$ 774,891.93**	**$ 9,558.51**	**$ 784,450.44**	**$ 456,549.56**	

1	Measure J CEQA Litigation Legal Services	12/23/2000	$ 200,000.00	$ 8,856.58	$ 6,526.34	$ 15,382.92	$ 184,617.08	PA00005-15

Phase I Costs
Status on Measure J/Rule 19.8 Spending
Through November 2019

	Contract	Date Authorized	Contract Amount	Prior Period Spending	Current Period Spending	Total Expended To Date	Spending Remaining	Project No.
1	Eminent Domain Legal Counsel	12/17/2018	$ 100,000.00	$ 148,802.21	$ 12,195.95	$ 160,998.16	$ (60,998.16)	PA00002-01
2	Investment Banking Services	2/21/2019	$ 30,000.00	$ -	$ 27,000.00	$ 27,000.00	$ 3,000.00	PA00002-02
3	Valuation & Cost of Service Study Consulta	2/21/2019	$ 355,000.00	$ 247,690.63	$ 39,274.54	$ 286,965.17	$ 68,034.83	PA00002-03

EXHIBIT 16-A

4	Investor Owned Utility Consultant	2/21/2019	$ 100,000.00	$ 84,221.69		$ 84,221.69	$ 15,778.31	PA00002-04
5	District Legal Counsel		$ 35,000.00	$ 33,763.61	$ 8,133.98	$ 41,897.59	$ (6,897.59)	PA00002-05
6	Contingency/Miscellaneous		$ 30,000.00	$ 9,931.83	$ 33,814.12	$ 43,745.95	$ (13,745.95)	PA00002-10
	Total		**$ 650,000.00**	**$ 524,409.97**	**$ 120,418.59**	**$ 644,828.56**	**$ 5,171.44**	

ITEM: INFORMATIONAL ITEM/STAFF REPORT

17. REPORT ON ACTIVITY/PROGRESS ON CONTRACTS OVER $25,000

Meeting Date:	**April 19, 2021**	**Budgeted:**	**N/A**
From:	**David J. Stoldt, General Manager**	**Program/ Line Item No.:**	**N/A**
Prepared By:	**Suresh Prasad**	**Cost Estimate:**	**N/A**

General Counsel Review: N/A
Committee Recommendation: The Administrative Committee reviewed this item on April 12, 2021.
CEQA Compliance: This action does not constitute a project as defined by the California Environmental Quality Act Guidelines Section 15378.

SUMMARY: Attached for review is **Exhibit 17-A**, monthly status report on contracts over $25,000 for the period February 2021. This status report is provided for information only, no action is required.

EXHIBIT
17-A Status on District Open Contracts (over $25k)

EXHIBIT 17-A

Monterey Peninsula Water Management District

Status on District Open Contracts (over $25K)

For The Period February 2021

	Contract	Description	Date Authorized	Contract Amount	Prior Period Expended To Date	Current Period Spending	Total Expended To Date	Expected Completion	Current Period Acitivity	P.O. Number
1	Pueblo Water Resources, Inc.	ASR Operations Support	6/15/2020	$ 75,000.00	$ -		$ -			PO02517
2	Integrated Aqua Systems, Inc	UV unit for RAS building at Sleepy Hollow	7/16/2020	$ 62,025.08	$ -		$ -			PO02514
3	The Marketing Department	Outreach Consultant Contract FY 2020/2021	9/21/2020	$ 36,000.00	$ 8,000.00	$ 4,000.00	$ 12,000.00		Current period retainer billing related to outreach services	PO02506
4	Shute, Mihaly & Weinberger LLP	Measure J CEQA Litigation Legal Services	12/23/2020	$ 200,000.00	$ 8,856.58	$ 6,526.34	$ 15,382.92		Current period billing related to Measure J CEQA litigation legal services	PO02490
5	The Marketing Department	Outreach Consultant Contract FY 2020/2021	9/21/2020	$ 36,000.00	$ 4,000.00		$ 4,000.00			PO02506
6	Hayashi & Wayland Accountancy Corp.	Audit services	6/15/2020	$ 68,000.00	$ 65,500.00	$ 2,500.00	$ 68,000.00		Current period billing for auditing services	PO02426
7	De Lay & Laredo	Measure J/Rule 19.8 3rd Party Operations Phase II	12/16/2019	$ 87,000.00	$ 18,690.50		$ 18,690.50			PO02398
8	Weston Solutions, Inc.	UXO Support Services	6/15/2020	$ 26,378.70	$ 4,252.35		$ 4,252.35			PO02371
9	Denise Duffy & Assoc. Inc.	CEQA addemdum for ASR Parallel Pipeline	4/20/2020	$ 28,567.00	$ 23,754.74		$ 23,754.74			PO02363
10	Lynx Technologies, Inc	Geographic Information Systems contractual services	6/15/2020	$ 35,000.00	$ 2,550.00	$ 1,425.00	$ 3,975.00		Current period billing for GIS services	PO02357
11	Regional Government Services	Human Resouces contractual services	6/15/2020	$ 70,000.00	$ 34,013.25	$ 3,040.40	$ 37,053.65		Current period billing for HR services	PO02356
12	DeVeera Inc.	BDR Datto Services Contract FY 2020/2021	9/16/2019	$ 26,352.00	$ 15,372.00	$ 2,196.00	$ 17,568.00		Current period billing for IT backup services	PO02349
13	DeVeera Inc.	IT Managed Services Contract for FY 2020/2021	6/15/2020	$ 57,012.00	$ 33,257.00	$ 4,751.00	$ 38,008.00		Current period billing for IT managed services	PO02348
14	The Ferguson Group LLC	2020-21 - Legislative and Administrative Services	6/15/2020	$ 99,500.00	$ 56,416.78	$ 8,131.26	$ 64,548.04		Current period retainer billing	PO02339
15	JEA & Associates	Contract for Legislative and Administrative Services - FY 20-21	6/15/2020	$ 35,000.00	$ 17,500.00	$ 2,500.00	$ 20,000.00		Current period retainer billing	PO02338
16	MBAS	ASR Water Quality	6/15/2020	$ 40,000.00	$ 26,778.75	$ 10,708.75	$ 37,487.50		Current period billing related to ASR water quality testing	PO02330
17	Pueblo Water Resources, Inc.	ASR Operations Support	6/15/2020	$ 75,000.00	$ 16,563.76		$ 16,563.76			PO02320
18	De Lay & Laredo	Measure J/Rule 19.8 Appraisal/MAI Services	6/15/2020	$ 120,000.00	$ 76,032.00		$ 76,032.00			PO02316
19	De Lay & Laredo	Measure J/Rule 19.8 Appraisal/Rate Study Phase II	12/16/2019	$ 200,000.00	$ 183,720.00		$ 183,720.00			PO02282
20	De Lay & Laredo	Measure J/Rule 19.8 Operations Plan - Phase II	12/16/2019	$ 145,000.00	$ 62,077.50		$ 62,077.50			PO02281
21	De Lay & Laredo	Measure J/Rule 19.8 CEQA Services Consultant	12/16/2019	$ 134,928.00	$ 134,779.54		$ 134,779.54			PO02273
22	Rutan & Tucker, LLP	Rule 19.8 Eminent Domain Legal Services - Phase II	12/16/2019	$ 200,000.00	$ 155,236.94		$ 155,236.94			PO02236
23	Norton Rose Fulbright	Cal-Am Desal Structuring & Financing Order	4/20/2015	$ 307,103.13	$ 38,557.29		$ 38,557.29			PO02197
24	Pueblo Water Resources, Inc.	ASR SMWTF Engineering Services During Construction	10/21/2019	$ 148,100.00	$ 131,034.96		$ 131,034.96			PO02163
25	Specialty Construction, Inc.	ASR SMWTF Construction	10/21/2019	$ 4,680,368.42	$ 4,446,350.00	$ 234,018.42	$ 4,680,368.42		Current period billing related to ASR construction management services	PO02162
26	Psomas	ASR Construction Management Services	8/19/2019	$ 218,822.00	$ 218,777.50		$ 218,777.50			PO02160
27	U.S. Bank Equipment Finance	Copier machine leasing - 60 months	7/15/2019	$ 52,300.00	$ 15,810.21	$ 871.81	$ 16,682.02	6/30/2024	Current period billing for photocopy machine lease	PO02108

EXHIBIT 17-A

Monterey Peninsula Water Management District

Status on District Open Contracts (over $25K)

For The Period February 2021

	Contract	Description	Date Authorized	Contract Amount	Prior Period Expended To Date	Current Period Spending	Total Expended To Date	Expected Completion	Current Period Acitivity	P.O. Number
28	Monterey One Water	Supplemental EIR Costs for PWM Expansion Project	3/18/2019	$ 750,000.00	$ 731,336.70		$ 731,336.70			PO02095
29	Monterey One Water	Pre-Construction Costs for PWM Expansion Project	11/13/2017	$ 360,000.00	$ 312,617.94		$ 312,617.94			PO02094
30	DUDEK	Consulting Services for Prop 1 grant proposal	4/15/2019	$ 95,600.00	$ 94,315.05		$ 94,315.05			PO01986
31	Denise Duffy & Associates	Consulting Services IRWM plan update	12/17/2018	$ 55,000.00	$ 53,322.32		$ 53,322.32			PO01985
32	Tetra Tech, Inc.	Engineering services Sleepy Hollow Facility Upgrade	7/16/2018	$ 30,000.00	$ 25,140.02	$ 663.52	$ 25,803.54		Current period billing related to Sleepy Hollow design services	PO01880
33	Colantuono, Highsmith, & Whatley, PC	Legal Services for MCWD vs PUC Matter for FY 2018-2019	7/1/2018	$ 60,000.00	$ 54,628.80		$ 54,628.80	6/30/2021		PO01874
34	Ecology Action of Santa Cruz	IRWM HEART Grant	4/16/2018	$ 152,600.00	$ 86,362.33		$ 86,362.33			PO01824
35	Pueblo Water Resources, Inc.	ASR Backflush Basin Expansion, CM services	7/16/2018	$ 96,034.00	$ 68,919.39		$ 68,919.39			PO01778
36	Rural Community Assistance Corporation	IRWM DAC Needs Assessment	4/16/2018	$ 100,000.00	$ 69,095.92		$ 69,095.92			PO01777
37	Mercer-Fraser Company	Sleepy Hollow Intake upgrade project	7/16/2018	$ 1,802,835.00	$ 1,786,834.91		$ 1,786,834.91			PO01726
38	Pueblo Water Resources, Inc.	Seaside Groundwater Basin Geochemical Study	1/24/2018	$ 68,679.00	$ 36,795.25		$ 36,795.25			PO01628
39	Pueblo Water Resources, Inc.	SSAP Water Quality Study	8/21/2017	$ 94,437.70	$ 44,318.11		$ 44,318.11			PO01510
40	Normandeau Associates, Inc.	Assistance with IFIM Study	11/13/2017	$ 35,000.00	$ 25,382.50	$ 1,800.00	$ 27,182.50		Current period billing related to IFIM services	PO01509
41	Accela Inc.	Acquisition of Water Demand Database System	11/13/2017	$ 676,377.00	$ 669,227.81		$ 669,227.81	6/30/2021		PO01471
42	Balance Hydrologics, Inc	Design Work for San Carlos Restoration Project	6/19/2017	$ 51,360.00	$ 50,894.32		$ 50,894.32			PO01321
43	AECOM Technical Services, Inc.	Los Padres Dam Alternatives Study	1/25/2017	$ 700,700.00	$ 505,766.50		$ 505,766.50			PO01268
44	Denise Duffy & Assoc. Inc.	MMRP Services for Monterey Pipeline	1/25/2017	$ 80,000.00	$ 73,144.06		$ 73,144.06			PO01202
45	Goodin,MacBride,Squeri,Day,Lamprey	User Fee PUC Proceedings Legal Fee	7/1/2016	$ 50,000.00	$ 33,411.85		$ 33,411.85	6/30/2021		PO01100
46	Whitson Engineers	Carmel River Thawleg Survey	9/19/2018	$ 52,727.43	$ 49,715.00		$ 49,715.00			PO01076
47	HDR Engineering, Inc.	Los Padres Dam Fish Passage Study	4/18/2016	$ 310,000.00	$ 309,751.71		$ 309,751.71			PO01072
48	Michael Hutnak	GS Flow Modeling for Water Resouces Planning	8/19/2013	$ 71,800.00	$ 65,880.00		$ 65,880.00			PO00123
49	Justin Huntington	GS Flow Modeling for Water Resouces Planning	8/19/2013	$ 59,480.00	$ 53,918.98		$ 53,918.98			PO00122

ITEM: INFORMATIONAL ITEM/STAFF REPORT

18. LETTERS RECEIVED

Meeting Date:	**April 19, 2021**	**Budgeted:**	**N/A**
From:	**David J. Stoldt, General Manager**	**Program/ Line Item No.:**	**N/A**
Prepared By:	**Joel G. Pablo**	**Cost Estimate:**	**N/A**

General Counsel Review: N/A

Committee Recommendation: N/A

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

A list of letters submitted to the Board of Directors or General Manager and received between March 9, 2021 and April 12, 2021 is shown below. The purpose of including a list of these letters in the Board packet is to inform the Board and interested citizens. Copies of the letters are available for public review at the District office. If a member of the public would like to receive a copy of any letter listed, please contact the District office. Reproduction costs will be charged. The letters can also be downloaded from the District's web site at www.mpwmd.net.

Author	Addressee	Date	Topic
Michael Baer	MPWMD Board of Directors	March 17, 2021	SEIR for Pure Water Expansion and the Proposed 36-Inch Bypass Pipeline
Kate McKenna	David J. Stoldt	April 5, 2021	LAFCO Completeness Review of MPWMD Application
Nisha Patel	David J. Stoldt	April 5, 2021	Grant for Local Water Project- Request for Extension

ITEM: INFORMATIONAL ITEM/STAFF REPORT

19. COMMITTEE REPORTS

Meeting Date:	**April 19, 2021**	**Budgeted:**	**N/A**
From:	**David J. Stoldt, General Manager**	**Program/ Line Item No.:**	**N/A**
Prepared By:	**Joel G. Pablo**	**Cost Estimate:**	**N/A**

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

Attached for your review as **Exhibits 19-A through 19-B** are the final minutes of the committee meetings listed below.

EXHIBITS
19-A February 1, 2021: MPWMD Water Supply Planning Committee
19-B February 10, 2021: Administrative Committee
19-C March 1, 2021: MPWMD Water Supply Planning Committee

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MONTEREY PENINSULA WATER MANAGEMENT DISTRICT

EXHIBIT 19-A

FINAL MINUTES
Water Supply Planning Committee of the
Monterey Peninsula Water Management District
February 1, 2021

Call to Order: The Zoom virtual meeting was called to order at 4:00 pm.

Committee members present: George Riley, Chair
Mary L. Adams
Karen Paull

Committee members absent: None

Staff members present: David J. Stoldt, General Manager
Jonathan Lear, Water Resources Division Manager
Maureen Hamilton, Senior Water Resources Engineer
Joel G. Pablo, Executive Assistant/Board Clerk

District Counsel present: David Laredo, De Lay & Laredo

Comments from the Public: No comments were directed to the Board.

Action Items

1. Consider Adoption of January 4, 2021 Committee Meeting Minutes

On a motion by Director George Riley and second by Mary L. Adams, minutes of the January 4, 2021 were approved unanimously on a vote of 3 – 0 by Adams, Edwards and Riley.

Discussion Items

2. Update on Pure Water Monterey Project

General Manager Stoldt updated and answered questions from the board on Pure Water Monterey Project. Stoldt reported PWM closed out the month of January, 2021 with a total of 297 acre feet injected with 172.6 acre feet injected from Deep Injection Well (DIW) No. 1 and 172.6 acre feet injected at DIW2 and informed the board of mobilization efforts taking place for the two (2) new deep injection wells.

Maureen Hamilton, Senior Water Resources Engineer responded to questions from the committee members and provided an update on well expansion. The project is on schedule and anticipates drilling to occur at the end of February or early March, 2021.

Public Comment: *None*

3. Update on MPWSP Desalination Component

General Manager Stoldt provided an update and answered questions from the board on MPWSP Desalination Component. Stoldt reported Cal-Am will return back to the California Coastal Commission on the desal component mid-year 2021 based on his conversations with Ian Crooks. Monterey One Water will take up approval of the SEIR at their next Board of Directors meeting sometime in late March or early April, 2021. Stoldt provided an update on a Monterey County Superior Court Case relating to the County of Monterey's approval of the desal component and understands the courts order is for the County to prepare better CEQA findings.

District Counsel Laredo commented stating the applicant can proposed findings, however it is up to the County as to what findings are to be made.

Public Comment: *None*

4. Discussion of Recent Activities Related to Seaside Well Water Quality

Stoldt reported on the two monitoring wells (FO-09 and FO-10 from Exbibit 4-A) experiencing increasing chloride concentrations based on retesting done in January, 2021.

Jon Lear, Water Resources Manager explained that historically chloride levels have not been this high and could not make ascertain whether this is a direct result of seawater intrusion. In addition, Lear reported there is not a lot of monitoring wells between the Marina Area and the Seaside Basin to determine the origin of the intrusion. The chloride levels in the wells are not at levels of concern yet, however noted the water was at one point very fresh. As a result, monitoring of the wells will occur quarterly as opposed to annually.

Stoldt reported on information presented by Cal-Am on very trace amounts of perfluorooctanoic acid (PFOA) or perfluoroctane sulfonic acid (PFOS) detected in the production wells and are below the EPA standards. Stoldt noted this as a new and emerging concern and are production wells that run the water that go into the system for drinking. Stoldt responded to Director Riley and the confirm there is a requirement to reduce pumping as a tool to combat seawater intrusion and is determined by the watermaster.

Lear responded to committee member questions. Lear elaborated on the recording and monitoring data at different points of depths both at shallow measurement and deep measurement. In addition, provided background information and the methodologies used in measuring.

Public Comment: *None*

Suggest Items to be Placed on Future Agendas

Adjournment: The meeting was adjourned at 4:28 pm.

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MONTEREY PENINSULA WATER MANAGEMENT DISTRICT

EXHIBIT 19-B

FINAL MINUTES
Monterey Peninsula Water Management District
Administrative Committee
February 10, 2021

Call to Order
The meeting was called to order at 4:00 PM via Zoom.

Committee members present: Karen Paull, Chair
Amy Anderson
Alvin Edwards

Staff present: David Stoldt, General Manager
Jonathan Lear, Water Resources Manager
Suresh Prasad, Administrative Services Manager/Chief Financial Officer
Thomas Christensen, Environmental Resources Manager
Beverly Chaney, Associate Fisheries Biologist
Sara Reyes, Sr. Office Specialist

Comments from Public
None

Items on Board Agenda for February 25, 2021

1. **Consider Adoption of January 13, 2021 Administrative Committee Meeting Minutes**
   On a motion by Anderson and second by Edwards, the minutes of the January 13, 2021 meeting were approved on a roll call vote of 3 – 0 by Anderson, Edwards and Paull.

2. **Consider Expenditure of Funds for the Maintenance and Repair of the Rearing Channel Liner at the Sleepy Hollow Steelhead Rearing Facility**
   On a motion by Anderson and second by Edwards, the committee voted to recommend the Board: A) authorize repairs at a not-to-exceed cost of $13,363; and B) authorize a mid-year budget adjustment of $13,363 in line item 2-3-1 A. General operations and maintenance for the Sleepy Hollow Steelhead Rearing Facility. The motion was approved by a roll call vote of 3 – 0 by Anderson, Edwards and Paull.

3. **Direct the General Manager to Enter into a Contract with ZIM Industries to Rehabilitate ASR 1 for an Amount not to Exceed $113,350**
   On a motion by Edwards, and second by Anderson, the committee voted to recommend the Board direct the General Manager to enter into an agreement for $113,350 with ZIM Industries to complete a formal rehabilitation of ASR 1. The motion was approved by a roll call vote of 3 – 0 by Edwards, Anderson and Paull.

4. **Consider Approval of for Purchase of Ford F150 4X4 Truck**
   On a motion by Edwards and second by Anderson, the committee voted to recommend the Board authorize expenditure of funds to purchase Ford F150 truck from Cypress Coast Ford at a not-to-exceed price of $34,000, which includes contingencies for documentation and additional taxes if required by law. The motion was approved by a roll call vote of 3 – 0 by Edwards, Anderson and Paull.

5. **Election of Secretary and Treasurer for 2021**
   On a motion by Paull and second by Edwards, the committee voted to recommend that the Board elect David Stoldt, General Manager to serve as Secretary and that Suresh Prasad, Administrative Services Manager, serve as Treasurer for 2021. The motion was approved by a roll call vote of 3 – 0 by Paull, Edwards, and Anderson.

6. **Receive Pension Reporting Standards Government Accounting Standards Board Statement No. 68 Accounting Valuation Report**
   On a motion by Anderson and second by Paull, the committee voted to recommend that the Board receive the GASB 68 Accounting Valuation Report prepared by CalPERS. The motion was approved by a roll call vote of 3 – 0 by Anderson, Paull and Edwards.

7. **Receive Government Accounting Standards Board Statement No. 75 Accounting and Financial Reporting for Post-Employment Benefits Other than Pensions**
   On a motion by Paull and second by Edwards, the committee voted to recommend that the Board receive the GASB 75 OPEB Valuation Report prepared by Precision Actuarial, Inc. The motion was approved by a roll call vote of 3 – 0 by Paull, Edwards and Anderson.

General Manager Stoldt offered a recommendation to the committee to combine items 8-11 as one action item to approve if the committee members have no questions.

Director Anderson offered a motion to adopt and approve items 8, 9, 10 and 11. Edwards second the motion. The motion was approved by a roll call vote of 3 – 0 by Anderson, Edwards and Paull.

8. **Consider Adoption of Treasurer's Report for November 2020**
   Approved.

9. **Consider Adoption of Treasurer's Report for December 2020**
   Approved.

10. **Consider Approval of Second Quarter Financial Activity Report for Fiscal Year 2020-2021**
    Approved.

11. **Consider Approval of Second Quarter Fiscal Year 2020-2021 Investment Report**
    Approved.

12. **Semi-Annual Financial Report on the CAWD/PBCSD Wastewater Reclamation Project**
    This item was presented as information to the committee. No action was required or taken by the committee.

13. Report on Activity/Progress on Contracts Over $25,000
This item was presented as information to the committee. No action was required or taken by the committee.

14. Status Report on Measure J/Rule 19.8 Phase II Spending
This item was presented as information to the committee. No action was required or taken by the committee.

15. Review Second Quarter Legal Services Activity Report for Fiscal Year 2020-2021
This item was presented as information to the committee. No action was required or taken by the committee.

16. Approve 2021 Committee Meeting Schedule
On a motion by Anderson and second by Paull, the committee adopted the 2021 Administrative Committee Meeting Schedule. The motion was approved by a roll call vote of 3 – 0 by Anderson, Paull and Edwards.

17. Review Draft February 25, 2021 Board Meeting Agenda
General Manger Stoldt presented a revised draft agenda to the committee for review. No changes were made by the committee.

Suggest Items to be Placed on Future Agendas
No items were presented.

Adjournment
The meeting adjourned at 5:46 PM.

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MONTEREY PENINSULA WATER MANAGEMENT DISTRICT

EXHIBIT 19-C

FINAL MINUTES
Water Supply Planning Committee of the
Monterey Peninsula Water Management District
March 1, 2021

Call to Order: The Zoom virtual meeting was called to order at 4:00 pm.

Committee members present: George Riley, Chair
Mary Adams
Karen Paull
Alvin Edwards (*Alternate)*

Committee members absent: None

Staff members present: David J. Stoldt, General Manager
Jonathan Lear, Water Resources Division Manager
Maureen Hamilton, Senior Water Resources Engineer
Joel G. Pablo, Board Clerk

District Counsel present: David Laredo, De Lay & Laredo

Comments from the Public: No Comments

Action Items

1. Consider Adoption of February 1, 2021 Committee Meeting Minutes

Motion No. 1: A motion was made by Director Mary L. Adams and second by Alternate Director Alvin Edwards, to approve the meeting minutes of the Water Supply Planning Committee on February 1, 2021 and unanimously approve on a vote of 3 – 0 by Adams, Edwards and Riley.

- Director Karen Paull joins in at 4:06 PM as a voting member
- Alternate Director Alvin Edwards joins as an attendee via Zoom and is a non-voting member on the Committee

Motion No. 2: A motion was made by Director Mary L. Adams and second by Director George Riley to re-consider the previous motion and revise the draft meeting minutes striking-out Alvin Edwards and inserting Karen Paull as those members present. The motion to reconsider the motion was passed on a vote of 3 – 0 by Adams, Paull Riley.

Public Comment: *None*

2. Adopt 2021 Committee Meeting Schedule

A motion was made by Director George Riley and second by Director Mary L. Adams to approve the CY2021 Committee Meeting Schedule and unanimously approved on a vote of 3 – 0 by Adams, Paull and Riley.

Public Comment: *None*

Discussion Items

3. Discuss Letter from National Marine Fisheries Service on ASR Bypass Pipeline

General Manager Stoldt and the board received and discussed the letter from Amanda Ingham, Central Coast Branch Chief with the National Marine Fisheries Services. Chair Riley directed Stoldt to send a letter acknowledging receipt of the letter, making them aware of errors contained in the letter and leave open the possibility to meet with the National Marine Fisheries Services in the future.

Public Comment: *None*

4. Discuss System Operating Constraints Under Cease and Desist Order After December 31, 2021

General Manager Stoldt presented and discussed the staff report and the e-mail received by Steven Westhoff, Esq., State Water Resources Control Board.

Jonathan Lear, Water Resources Manager and Chris Cook, Director of Operations with Cal-Am presented via MS PowerPoint and answered questions from the board. Cook provided an overview of the four (4) source wells (Carmel River Wells, Sand City Desal Wells, Seaside Region Wells and ASR) for the Monterey Main System where water is treated and distributed to Cal-Am customers. Cook provided an overview of the Monterey Main System Water Plan for WY2021-22, the amount of acre feet pumped at each of the source wells in order to maximize 3,376 Acre Feet and to minimize over-pumping of the Seaside Basin. The Board, Cook, Lear and Stoldt discussed the timing of operations of ASR and PWM, functionality of proposed the proposed pipeline and future water needs via Desal and/or Pure Water Monterey.

Public Comment: *None*

5. Update on Pure Water Monterey Project (Verbal Presentation)

General Manager Stoldt reported PWM ended the month of February, 2021 with about 266 acre feet injected and the new deep well is still proceeding.

Public Comment: *None*

Suggest Items to be Placed on Future Agendas

Adjournment

Chair Riley adjourned the meeting at 5:28 pm

ITEM: INFORMATIONAL ITEM/STAFF REPORT

20. MONTHLY ALLOCATION REPORT

Meeting Date:	**April 19, 2021**	**Budgeted:**	**N/A**
From:	**David J. Stoldt, General Manager**	**Program: Line Item No.:**	**N/A**
Prepared By:	**Gabriela Bravo**	**Cost Estimate:**	**N/A**

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

SUMMARY: As of March 31, 2021, a total of **26.419** acre-feet **(7.7%)** of the Paralta Well Allocation remained available for use by the Jurisdictions. Pre-Paralta water in the amount of **33.715** acre-feet is available to the Jurisdictions, and **28.839** acre-feet is available as public water credits.

Exhibit 20-A shows the amount of water allocated to each Jurisdiction from the Paralta Well Allocation, the quantities permitted in March 2021 ("changes"), and the quantities remaining. The Paralta Allocation had no debits in March 2021.

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

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

EXHIBITS
20-A Monthly Allocation Report
20-B Monthly Entitlement Report
20-C District's Water Allocation Program Ordinances

EXHIBIT 20-A
MONTHLY ALLOCATION REPORT
Reported in Acre-Feet
For the month of March 2021

Jurisdiction	Paralta Allocation*	Changes	Remaining	PRE-Paralta Credits	Changes	Remaining	Public Credits	Changes	Remaining	Total Available
Airport District	8.100	0.000	5.197	0.000	0.000	0.000	0.000	0.000	0.000	5.197
Carmel-by-the-Sea	19.410	0.000	1.398	1.081	0.000	1.081	0.910	0.000	0.182	2.661
Del Rey Oaks	8.100	0.000	0.000	0.440	0.000	0.000	0.000	0.000	0.000	0.000
Monterey	76.320	0.000	0.245	50.659	0.000	0.030	38.121	0.000	2.300	2.575
Monterey County	87.710	0.000	10.579	13.080	0.000	0.352	7.827	0.000	1.775	12.706
Pacific Grove	25.770	0.000	0.000	1.410	0.000	0.014	15.874	0.000	0.065	0.079
Sand City	51.860	0.000	0.000	0.838	0.000	0.000	24.717	0.000	23.373	23.373
Seaside	65.450	0.000	0.000	34.438	0.589	32.238	2.693	0.000	1.144	33.382
District Reserve	9.000	0.000	9.000	N/A			N/A			9.000
TOTALS	**342.720**	**0.000**	**26.419**	**101.946**	**0.589**	**33.715**	**90.142**	**0.000**	**28.839**	**88.973**

Allocation Holder	Water Available	Changes this Month	Total Demand from Water Permits Issued	Remaining Water Available
Quail Meadows	33.000	0.000	32.320	0.680
Water West	12.760	0.000	9.639	3.121

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

EXHIBIT 20-B
MONTHLY ALLOCATION REPORT
ENTITLEMENTS
Reported in Acre-Feet
For the month of March 2021

Recycled Water Project Entitlements

Entitlement Holder	Entitlement	Changes this Month	Total Demand from Water Permits Issued	Remaining Entitlement/and Water Use Permits Available
Pebble Beach Co. [1]	218.530	1.849	32.261	186.269
Del Monte Forest Benefited Properties [2] **(Pursuant to Ord No. 109)**	146.470	0.368	59.056	87.414
Macomber Estates	10.000	0.000	10.000	0.000
Griffin Trust	5.000	0.000	4.829	0.171
CAWD/PBCSD Project Totals	**380.000**	**2.217**	**106.146**	**273.854**

Entitlement Holder	Entitlement	Changes this Month	Total Demand from Water Permits Issued	Remaining Entitlement/and Water Use Permits Available
City of Sand City	206.000	0.000	7.115	198.885
Malpaso Water Company	80.000	0.264	18.614	61.386
D.B.O. Development No. 30	13.950	0.000	3.784	10.166
City of Pacific Grove	38.390	0.243	5.257	33.133
Cypress Pacific	3.170	0.000	3.170	0.000

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

EXHIBIT 20-C

District's Water Allocation Program Ordinances

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ITEM: INFORMATIONAL ITEM/STAFF REPORT

21. WATER CONSERVATION PROGRAM REPORT

Meeting Date:	**April 19, 2021**	**Budgeted:**	**N/A**
From:	**David J. Stoldt, General Manager**	**Program/ Line Item No.**	**N/A**
Prepared By:	**Kyle Smith**	**Cost Estimate:**	**N/A**

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

I. MANDATORY WATER CONSERVATION RETROFIT PROGRAM

District Regulation XIV requires the retrofit of water fixtures upon Change of Ownership or Use with High Efficiency Toilets (HET) (1.28 gallons-per-flush), 2.0 gallons-per-minute (gpm) Showerheads, 1.2 gpm Washbasin faucets, 1.8 gpm Kitchen, Utility, and Bar Sink faucets, and Rain Sensors on all automatic Irrigation Systems. Property owners must certify the Site meets the District's water efficiency standards by submitting a Water Conservation Certification Form (WCC), and a Site inspection is occasionally conducted to verify compliance.

A. Changes of Ownership

Information is obtained monthly from *Realquest.com* on properties transferring ownership within the District. The information is compared against the properties that have submitted WCCs. Details on **150** property transfers that occurred between March 1, 2021, and March 31, 2021, were added to the database.

B. Certification

The District received **72** WCCs between March 1, 2021, and March 31, 2021. Data on ownership, transfer date, and status of water efficiency standard compliance were entered into the database.

C. Verification

From March 1, 2021, to March 31, 2021, **54** properties were verified compliant with Rule 144 (Retrofit Upon Change of Ownership or Use). Of the **54** verifications, **39** properties verified compliance by submitting certification forms and/or receipts. District staff completed **32** Site inspections. Of the **32** properties verified, **15 (46%)** passed.

Note that most Site inspections were suspended March 13, 2020, due to concerns about the novel coronavirus. Staff has continued to certify properties electronically through owner certification or other methods. Site inspections may be done in limited cases when the

property is vacant and staff has access without others present. Safety protocols (e.g. masks, gloves, hand sanitizer, etc.) are in place for those instances.

D. CII Compliance with Water Efficiency Standards
Effective January 1, 2014, all Non-Residential properties were required to meet Rule 143, Water Efficiency Standards for Existing Non-Residential Uses. To verify compliance with these requirements, property owners and businesses are sent notification of the requirements and a date that inspectors will be on Site to check the property. In March, District inspectors performed **two** verification inspections.

MPWMD is forwarding its CII inspection findings to California American Water (Cal-Am) for their verification with the Rate Best Management Practices (Rate BMPs) that are used to determine the appropriate Non-Residential rate division. Compliance with MPWMD's Rule 143 achieves Rate BMPs for indoor water uses. Properties with landscaping must also comply with Cal-Am's outdoor Rate BMPs to avoid Division 4 (Non-Rate BMP Compliant) rates. In addition to sharing information about indoor Rate BMP compliance, MPWMD notifies Cal-Am of properties with landscaping. Cal-Am then conducts an outdoor audit to verify compliance with the Rate BMPs. During March 2021, MPWMD referred **two** properties to Cal-Am for verification of outdoor Rate BMPs.

E. Water Waste Enforcement
The District has a Water Waste Hotline 831-658-5653 or an online form to report Water Waster occurrences at www.mpwmd.net or www.montereywaterinfo.org. There were **no** Water Waste responses during the past month. There were **no** repeated incidents that resulted in a fine.

II. WATER DEMAND MANAGEMENT

A. Permit Processing
Since March 18, 2020, the District has been processing only electronic applications for Water Permits. Information can be found at https://www.mpwmd.net/regulations/water-permits.

District Rule 23 requires a Water Permit application for all properties that propose to expand or modify water use on a Site, including New Construction and Remodels. District staff processed and issued **77** Water Permits from March 1, 2021 to March 31, 2021. **Thirteen** Water Permits were issued using Water Entitlements (Pebble Beach Company, Malpaso Water, etc.). **No** Water Permits involved a debit to a Public Water Credit Account. In addition to those Water Permits issued in March, **nine** Meter Permits and **three** Hydrant Meter Permit were issued. All Water Permits have a disclaimer informing applicants of the Cease and Desist Order against California American Water and that MPWMD reports Water Permit details to California American Water.

District Rule 24-3-A allows the addition of a second Bathroom in an existing Dwelling Unit. Of the **77** Water Permits issued from March 1, 2021, to March 31, 2021, **four** were issued under this provision.

B. Permit Compliance

District staff completed **one** conditional Water Permit finals during March 2021. Staff completed **61** site inspections of vacant properties. **Forty-one** properties passed and **ten** failed due to unpermitted fixtures.

C. Deed Restrictions

District staff prepares deed restrictions that are recorded on the property title to provide notice of District Rules and Regulations, enforce Water Permit conditions, and provide notice of public access to water records. In April 2001, the District Board of Directors adopted a policy regarding the processing of deed restrictions. As of March 18, 2020, MPWMD offices are closed to the public. While still processing and issuing Water Permits, staff is no longer available for notary services. Applicants can obtain notary services at local UPS stores and other locations. Staff receives notarized deed restrictions via email and records the documents electronically with the County.

D. Rebates

Rebates continue to be processed during the Shelter-in-Place. The full list of available rebates can be found in Rule 141: https://www.mpwmd.net/rules/Rule141-TableXIV-1.pdf. Below is the reate information for February 2021 and March 2021.

	REBATE PROGRAM SUMMARY	February-2021				2021 YTD		1997 - Present	
I.	Application Summary								
A.	Applications Received	101				221		28,564	
B.	Applications Approved	82				174		22,279	
C.	Single Family Applications	81				171		25,323	
D.	Multi-Family Applications	1				3		1,526	
E.	Non-Residential Applications	0				0		358	
II.	Type of Devices Rebated	Number of devices	Rebate Paid	Estimated AF	Gallons Saved	Year to Date Number	Year to Date Paid	Year to Date Estimated AF	
A.	High Efficiency Toilet (HET)	27	$2,104.00	0.135000	43,990	60	$4,504.00	0.30000	
B.	Ultra HET	2	$275.00	0.020000	6,517	5	$650.00	0.05000	
C.	Toilet Flapper			0.000000	0	0	$0.00	0.00000	
D.	High Efficiency Dishwasher	13	$1,625.00	0.039000	12,708	24	$3,000.00	0.07200	
E.	High Efficiency Clothes Washer - Re	39	$19,500.00	0.627900	204,602	80	$29,000.00	1.28800	
F.	High Efficiency Clothes Washer - Com			0.000000	0	0	$0.00	0.00000	
G.	Instant-Access Hot Water System	2	$399.00	0.010000	3,259	3	$599.00	0.01500	
H.	Zero Use Urinals			0.000000	0	0	$0.00	0.00000	
I.	Pint Urinals			0.000000	0	0	$0.00	0.00000	
J.	Cisterns	4	$3,475.00	0.000000	0	9	$8,325.00	0.00000	
K.	Smart Controllers	1	$100.00	0.000000	0	4	$374.99	0.00000	
L.	Rotating Sprinkler Nozzles			0.000000	0	0	$0.00	0.00000	
M.	Moisture Sensors			0.000000	0	1	$25.00	0.00000	
N.	Lawn Removal & Replacement			0.000000	0	0	$0.00	0.00000	
O.	Graywater			0.000000	0	0	$0.00	0.00000	
R.	Other			0.000000	0	0	$0.00	0.00000	
III.	TOTALS	88	$27,478.00	0.831900	271,075	186	$46,477.99	1.72500	
IV.	TOTALS Since 1997				Paid Since 1997:	$ 6,405,233		562.1	Acre-Feet Per Year Saved Since 1997 (from quantifiable retrofits)

	REBATE PROGRAM SUMMARY	March-2021				2021 YTD		1997 - Present	
I.	Application Summary								
A.	Applications Received	135				356		28,699	
B.	Applications Approved	118				292		22,397	
C.	Single Family Applications	107				278		25,430	
D.	Multi-Family Applications	11				14		1,537	
E.	Non-Residential Applications	0				0		358	
II.	Type of Devices Rebated	Number of devices	Rebate Paid	Estimated AF	Gallons Saved	Year to Date Number	Year to Date Paid	Year to Date Estimated AF	
A.	High Efficiency Toilet (HET)	39	$2,850.00	0.195000	63,541	99	$7,354.00	0.49500	
B.	Ultra HET	6	$750.00	0.060000	19,551	11	$1,400.00	0.11000	
C.	Toilet Flapper			0.000000	0	0	$0.00	0.00000	
D.	High Efficiency Dishwasher	19	$2,375.00	0.057000	18,574	43	$5,375.00	0.12900	
E.	High Efficiency Clothes Washer - Res	59	$29,500.00	0.949900	309,526	139	$58,500.00	2.23790	
F.	High Efficiency Clothes Washer - Com			0.000000	0	0	$0.00	0.00000	
G.	Instant-Access Hot Water System	5	$899.00	0.025000	8,146	8	$1,498.00	0.04000	
H.	Zero Use Urinals			0.000000	0	0	$0.00	0.00000	
I.	Pint Urinals			0.000000	0	0	$0.00	0.00000	
J.	Cisterns	2	$5,050.00	0.000000	0	11	$13,375.00	0.00000	
K.	Smart Controllers	2	$199.00	0.000000	0	6	$573.99	0.00000	
L.	Rotating Sprinkler Nozzles			0.000000	0	0	$0.00	0.00000	
M.	Moisture Sensors			0.000000	0	1	$25.00	0.00000	
N.	Lawn Removal & Replacement			0.000000	0	0	$0.00	0.00000	
O.	Graywater			0.000000	0	0	$0.00	0.00000	
R.	Other			0.000000	0	0	$0.00	0.00000	
III.	TOTALS	132	$41,623.00	1.286900	419,338	318	$88,100.99	3.01190	
IV.	TOTALS Since 1997				Paid Since 1997:	$ 6,446,856		565.1	Acre-Feet Per Year Saved Since 1997 (from quantifiable retrofits)

ITEM: INFORMATIONAL ITEM/STAFF REPORT

22. CARMEL RIVER FISHERY REPORT FOR MARCH 2021

Meeting Date:	**April 19, 2021**	**Budgeted:**	**N/A**
From:	**David J. Stoldt, General Manager**	**Program/ Line Item No.:**	**N/A**
Prepared By:	**Beverly Chaney**	**Cost Estimate:**	**N/A**

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

AQUATIC HABITAT AND FLOW CONDITIONS: Following a dry February, dry conditions continued in March. By month's end, river flows were slightly higher than at the end of February at 38 cubic-feet-per-second (cfs), but most of the lower tributaries were dry. Migration conditions for both upstream steelhead adults and downstream adults and juveniles were fair.

March's mean daily streamflow at the Sleepy Hollow Weir ranged from 25 to 57 cfs (monthly mean 39 cfs) resulting in 2,380 acre-feet (AF) of runoff, while the Highway 1 gage similarly ranged from 24 to 57 cfs (monthly mean 39 cfs) resulting in 2,410 AF of runoff.

There were 0.96 inches of rainfall in March as recorded at the San Clemente gauge. The rainfall total for WY 2021 (which started on October 1, 2020) is 10.81 inches, or 58% of the long-term year-to-date average of 18.77 inches.

CARMEL RIVER LAGOON: The lagoon first opened January 26, 2021. During March, the lagoon water surface elevation (WSE) rose and fell numerous times as the low river inflow was insufficient to keep the sandbar open. The WSE ranged from approximately 3.8 to 13.1 feet (North American Vertical Datum of 1988; NAVD 88) (See graph below).

Water quality depth-profiles were conducted at five sites on March 22, 2021 while the lagoon mouth was closed, water surface elevation was 7.2 feet, and river inflow was 55 cfs. Steelhead rearing conditions were generally "good", especially in the upper water column. Salinity ranged from 1 - 26 ppt, dissolved oxygen (DO) levels were variable ranging from 1 – 13 mg/l, and water temperatures were slightly warmer, ranging from 54 - 60 degrees F.

RESISTANCE BOARD WEIR: As part of the District's steelhead life cycle monitoring program, FishBio Consulting was hired to design and install a fish weir in the lower river to temporarily trap upstream migrating adult steelhead for tagging and measurement.

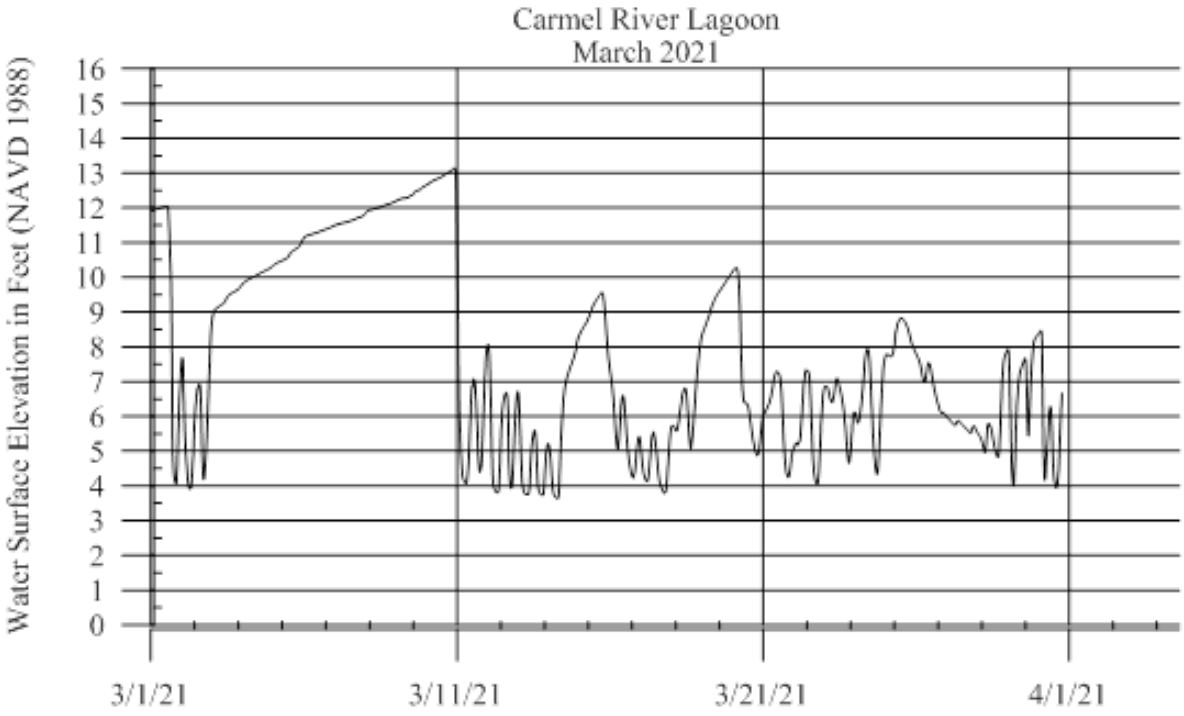
The weir started operating February 2, 2021 and the first fish were captured on February 3rd.
As of March 31, 112 adult, sea-run steelhead had been captured, with 92 of those being PIT tagged.
There were also four recaptured fish.

LOS PADRES DAM ADULT COUNTS: Cal-Am maintains a fish ladder and trap at the Los Padres Dam site. All adult steelhead captured in the trap are trucked to the reservoir and released.

The first sea-run adult steelhead arrived at the trap on February 4, 2021. As of March 31, 44 adults (21 males/22 females/1 unknown) have been captured and translocated above the dam.

The downstream smolt bypass facility was activated February 3rd.

Carmel River Lagoon Plot:



ITEM: INFORMATIONAL ITEM/STAFF REPORT

23. MONTHLY WATER SUPPLY AND CALIFORNIA AMERICAN WATER PRODUCTION REPORT

Meeting Date:	**April 19, 2021**	**Budgeted:**	**N/A**
From:	**David J. Stoldt, General Manager**	**Program/ Line Item No.:**	**N/A**
Prepared By:	**Jonathan Lear**	**Cost Estimate:**	**N/A**

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

Exhibit 23-A shows the water supply status for the Monterey Peninsula Water Resources System (MPWRS) as of **April 1, 2021**. This system includes the surface water resources in the Carmel River Basin, the groundwater resources in the Carmel Valley Alluvial Aquifer and the Seaside Groundwater Basin. **Exhibit 23-A** is for Water Year (WY) 2021 and focuses on four factors: rainfall, runoff, and storage. The rainfall and Streamflow values are based on measurements in the upper Carmel River Basin at Sleepy Hollow Weir.

Water Supply Status: Rainfall through **March** 2021 totaled **0.96 inches** and brings the cumulative rainfall total for WY 2021 to **10.81 inches,** which is **58%** of the long-term average through **March**. Estimated unimpaired runoff through **March** totaled **2,398 acre-feet (AF)** and brings the cumulative runoff total for WY 2021 to **13,521 AF,** which is **25%** of the long-term average through **March**. Usable storage for the MRWPRS was **29,140 acre-feet**, which is **91%** of average through **March,** and equates to **88%** percent of system capacity.

Production Compliance: Under State Water Resources Control Board (SWRCB) Cease and Desist Order No. 2016-0016 (CDO), California American Water (Cal-Am) is allowed to produce no more than 7,310 AF of water from the Carmel River in WY 2021. Through **March**, using the CDO accounting method, Cal-Am has produced **2,291 AF** from the Carmel River (including ASR capped at 600 AF, Table 13, and Mal Paso.) In addition, under the Seaside Basin Decision, Cal-Am is allowed to produce 1,474 AF of water from the Coastal Subareas and 0 AF from the Laguna Seca Subarea of the Seaside Basin in WY 2021. Through **March**, Cal-Am has produced **916 AF** from the Seaside Groundwater Basin. Through **March**, **66 AF** of Carmel River Basin groundwater have been diverted for Seaside Basin injection; **0 AF** have been recovered for customer use, **17 AF** have been diverted under Table 13 water rights, and **1,097 AF** of Pure Water Monterey recovered. Cal-Am has produced **4,302 AF** for customer use from all sources through **March**. **Exhibit 23-B** shows production by source. Some of the values in this report may be revised in the future as Cal-Am finalizes their production values and monitoring data.

EXHIBITS
23-A Water Supply Status: **March 1, 2021**
23-B Monthly Cal-Am production by source: WY 2021

EXHIBIT 23-A

Monterey Peninsula Water Management District
Water Supply Status
April 1, 2021

Factor	Oct – Mar 2021	Average To Date	Percent of Average	Oct - Mar 2020
Rainfall (Inches)	10.81	18.75	58%	15.42
Runoff (Acre-Feet)	13,521	36,789	30%	28,300
Storage [5] (Acre-Feet)	29,140	31,930	91%	29,720

Notes:

1. Rainfall and runoff estimates are based on measurements at San Clemente Dam. Annual rainfall and runoff at Sleepy Hollow Weir average 21.22 inches and 67,246 acre-feet, respectively. Annual values are based on the water year that runs from October 1 to September 30 of the following calendar year. The rainfall and runoff averages at the Sleepy Hollow Weir site are based on records for the 1922-2020 and 1902-2020 periods respectively.

2. The rainfall and runoff totals are based on measurements through the dates referenced in the table.

3. Storage estimates refer to usable storage in the Monterey Peninsula Water Resources System (MPWRS) that includes surface water in Los Padres and San Clemente Reservoirs and ground water in the Carmel Valley Alluvial Aquifer and in the Coastal Subareas of the Seaside Groundwater Basin. The storage averages are end-of-month values and are based on records for the 1989-2020 period. The storage estimates are end-of-month values for the dates referenced in the table.

4. The maximum storage capacity for the MPWRS is currently 33,130 acre-feet.

EXHIBIT 23-B

Production vs. CDO and Adjudication to Date: WY 2021

(All values in Acre-Feet)

Year-to-Date Values	MPWRS					Water Projects and Rights				
	Carmel River Basin [2, 6]	Seaside Groundwater Basin			MPWRS Total					Water Projects and Rights Total
		Coastal	Laguna Seca	Ajudication Compliance		ASR Recovery	Table 13 [7]	Pure Water Monterey	Sand City [3]	
Target	2,558	873	0	873	**3,431**	0	114	1,150	150	**1,414**
Actual [4]	2,291	828	88	916	**3,207**	0	17	1,097	64	**1,178**
Difference	267	45	-88	-43	**224**	0	97	53	86	**236**
WY 2020 Actual	3,811	1,018	146	1,322	**4,830**	0	120	0	64	**184**

1. This table is current through the date of this report.
2. For CDO compliance, ASR, Mal Paso, and Table 13 diversions are included in River production per State Board.
3. Sand City Desal, Table 13, and ASR recovery are also tracked as water resources projects.
4. To date, 66 AF and 17 AF have been produced from the River for ASR and Table 13 respectively.
5. All values are rounded to the nearest Acre-Foot.
6. For CDO Tracking Purposes, ASR production for injection is capped at 600 AFY.
7. Table 13 diversions are reported under water rights but counted as production from the River for CDO tracking.

Monthly Production from all Sources for Customer Service: WY 2021

(All values in Acre-Feet)

	Carmel River Basin	Seaside Basin	ASR Recovery	Table 13	Sand City	Mal Paso	Pure Water Monterey	Total
Oct-20	293	266	0	0	10	5	300	874
Nov-20	233	219	0	0	0	5	300	757
Dec-20	314	276	0	0	7	6	100	703
Jan-21	343	130	0	13	12	5	150	652
Feb-21	531	6	0	4	20	5	52	617
Mar-21	464	20	0	0	15	5	195	699
Apr-21								
May-21								
Jun-21								
Jul-21								
Aug-21								
Sep-21								
Total	**2,178**	**916**	**0**	**17**	**64**	**31**	**1,097**	**4,302**
WY 2020	**3,084**	**1,164**	**0**	**120**	**64**	**23**	**0**	**4,456**

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

ITEM: INFORMATIONAL ITEM/STAFF REPORT

24. QUARTERLY CARMEL RIVER RIPARIAN CORRIDOR MANAGEMENT PROGRAM REPORT

Meeting Date:	**April 19, 2021**	**Budgeted:**	**N/A**
From:	**David J. Stoldt** **General Manager**	**Program/** **Line Item No.:**	**N/A**
Prepared By:	**Thomas Christensen**	**Cost Estimate:**	**N/A**

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

IRRIGATION OF RIPARIAN VEGETATION: Supplemental watering of riparian mitigation plantings and irrigation system tune-ups took place during low rainfall from January through March.

Water Use in Acre-Feet (AF)	
January - March 2021	0.15 AF
Year-to-date	0.15 AF

MONITORING OF RIPARIAN VEGETATION: During the winter season, the District suspended the riparian vegetation monitoring program. The monitoring of soil moisture, groundwater levels, and canopy defoliation (a measure of vegetation moisture stress) will resume in June 2021. During the months of June through October, staff will take monthly measurements of depth to groundwater and canopy vigor in areas where willow and cottonwood trees may be impacted by lowered water levels caused by groundwater extraction. The areas monitored are in the vicinity of California American Water's (Cal-Am) Cañada and San Carlos wells, and the District's Valley Hills (next to Cal-Am's Cypress Well) and Schulte (next to Cal-Am's Schulte Well) Restoration Projects. The District's monitoring provides insight into the status of soil moisture through the riparian corridor by collecting and analyzing monthly readings from the District's array of monitoring wells and pumping records for large-capacity Carmel Valley wells in the Cal-Am system.

OTHER TASKS PERFORMED SINCE THE JANUARY 2021 QUARTERLY REPORT:

1. **Los Padres Alternatives Study:** District staff have facilitated multiple meetings with AECOM, National Marine Fisheries Service, and California Department of Wildlife to restart the Los Padres Reservoir Alternatives Study. This study was on hold as the District completed various modeling scenarios associated with possible alternatives to Los Padres Reservoir actions (reservoir dredging, dam removal, and various rates of water extraction). AECOM will now analyze the effects to steelhead and determine which alternatives are feasible in their final report.

2. **Sleepy Hollow Steelhead Rearing Facility:** District staff have been helping develop an operations and maintenance manual for the new equipment at the Sleepy Hollow Steelhead Rearing Facility. In addition, some repairs to the liner have been carried out along the rearing channel where leaks were discovered last year during operation.

3. **Steelhead Permit Reporting Requirements:** The District has been uploading steelhead rescue data from last year's steelhead rescue season to state and federal databases. This reporting is required to keep the District's Scientific Collecting Permit valid as well as help regulators understand the current state of steelhead on the Carmel River.

ITEM: INFORMATIONAL ITEM/STAFF REPORT

25. QUARTERLY WATER USE CREDIT TRANSFER STATUS REPORT

Meeting Date:	**April 19, 2021**	**Budgeted:**	**N/A**
From:	**David J. Stoldt, General Manager**	**Program/ Line Item No.:**	**N/A**
Prepared By:	**Gabriela Bravo**	**Cost Estimate:**	**N/A**

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

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

Supplement to 4/19/2021 MPWMD Board Packet

Attached are copies of letters received between March 9, 2021 and April 12, 2021. These letters are listed in the April 19, 2021 Board packet under Letters Received.

Author	Addressee	Date	Topic
Michael Baer	MPWMD Board of Directors	March 17, 2021	SEIR for Pure Water Expansion and the Proposed 36-Inch Bypass Pipeline
Kate McKenna	David J. Stoldt	April 5, 2021	LAFCO Completeness Review of MPWMD Application
Nisha Patel	David J. Stoldt	April 5, 2021	Grant for Local Water Project- Request for Extension

U:\Joel\2021\Board Meeting\Staff Notes\April 19\Item No 18 Cover Sheet.docx

From: Dave Stoldt
To: Joel Pablo
Subject: FW: Baer to Stoldt re public comment.
Date: Monday, March 22, 2021 12:03:51 PM

From: Michael Baer <mgbisme@yahoo.com>
Sent: Wednesday, March 17, 2021 12:10 PM
To: Dave Stoldt <dstoldt@mpwmd.net>
Cc: David Laredo <dave@laredolaw.net>
Subject: Baer to Stoldt re public comment.

March 17, 2021

To the Honorable Chair Alvin Edwards and members of the MPWMD board,

Happy St. Patrick's day everyone.

At the February 2021 M1W meeting, I made public comments related to SEIR for Pure Water expansion including comments about the proposed 36 inch bypass pipeline that was in the original SEIR for that project.

I suggested that the Peninsulans already had a 36 inch pipeline, called the Monterey Pipeline, which tore up city streets for roughly 2 years, cost $50 million ($10 million over budget) and was rarely being used except for some occasional ASR water which had only been switched on a few days earlier due to the meager rainfall from October through January.

I stated that we didn't need an oversized 36 inch pipeline servicing ASR and Pure Water extraction needs, and that Cal Am was attempting to piecemeal in their infrastructure for desal even though the likelihood of that project coming on line is miniscule in the face of all the deficiencies highlighted in the CCC staff report recommending denial of the permit.

After the meeting it occurred to me that I really didn't have any idea how frequently or what volume of water was being transmitted through the Monterey Pipeline, so I reached out to M1W's Mike McCullough as well as Mr. Stoldt to see if they could provide clarity on that. The answer is that nobody but Cal AM really knows how much the pipeline is being used, even though 100% of the cost has been added to the ratebase.

To reiterate: $50 million, two years of disruption, and we don't know for sure if it's even being used. The assumption is that ASR water will be transmitted in the winter, and some Seaside Basin water will be pumped towards Pacific Grove in the summer months, but there appears to be no way to quantify that.

If the District ran the water company I'm sure the public would have access to this information, and that it would likely be a monthly feature of the general manager's excellent reporting.

So my comment is this is just another example of how when we get to eminent domain proceedings, and arguments are being made regarding public necessity, that this is an important example of the transparency that the public will have access to evaluate the agency's performance. As compared to the situation now, which has us completely in the dark on this and other issues.

I'm suggesting that in particular Mr Laredo take note of this point for future use in compiling the case.

Many thanks for the fine work you all do.

Sincerely,

Michael Baer

RECEIVED
APR 05 2021
MPWMD

LAFCO *of Monterey County*

LOCAL AGENCY FORMATION COMMISSION OF MONTEREY COUNTY

2021 Commissioners

Chair
Ian Oglesby
City Member

Vice Chair
Christopher Lopez
County Member

Luis Alejo
County Member

Wendy Root Askew
County Member, Alternate

Kimbley Clark
City Member

Matt Gourley
Public Member

Mary Ann Leffel
Special District Member

Warren Poitras
Special District Member

Steve Snodgrass
Public Member, Alternate

Graig R. Stephens
Special District Member, Alternate

Anna Velazquez
City Member, Alternate

Counsel

Kelly L. Donlon
General Counsel

Executive Officer

Kate McKenna, AICP

132 W. Gabilan Street, #102
Salinas, CA 93901

P. O. Box 1369
Salinas, CA 93902

Voice: 831-754-5838

www.monterey.lafco.ca.gov

March 28, 2021

David J. Stoldt, General Manager
Monterey Peninsula Water Management District
P.O. Box 85
Monterey, CA 93942-0085
Via email and US mail

Dear Dave,

On February 26, 2021, we received your application for LAFCO approval of a proposal consisting of two components:

1. Activation of the District's latent powers to provide potable water production and distribution services for retail customers; and
2. A sphere of influence amendment and district annexation of approximately 58 parcels that are currently outside the District's jurisdictional boundary, in the Yankee Point and Hidden Hills areas.

We understand that the District is making this application to LAFCO in order to be in a position to proceed with an acquisition of the Cal-Am Monterey Water System through negotiation or a condemnation proceeding. The application is posted on the LAFCO web site for public review.

Our 30-day completeness review is provided below. You are welcome to contact LAFCO's Principal Analyst Darren McBain (mcbaind@monterey.lafco.ca.gov or 754-5438) or me with any questions or concerns.

Application completeness:

This application is currently incomplete, as detailed below. When these items have been satisfactorily addressed, LAFCO staff will issue a Notice of Filing and the application can proceed to a public hearing before the Commission.

1. **Property tax transfer agreement**: Pursuant to State law (Revenue and Taxation Code Section 99), the Board of Supervisors must approve a property tax transfer agreement for the proposed 58-parcel annexation before LAFCO can determine the application to be complete.
2. **Plan for providing services** within the affected territory, per Government Code §§ 56653 and 56824.12:
   a) Please provide responses that more fully address the requested information in items 2, 3, 5, and 6 on pages 30-31, including summaries of relevant supporting information in the Preliminary Valuation and Cost of Service Analysis Report (by Raftelis, 2019) as needed. Note: The District-provided links, in the application, to the Raftelis report appear to be broken. LAFCO has posted a copy of the Raftelis report on our web site.
   b) The response to item 2 should address potential impacts to other Cal-Am customers. Is there any potential for diseconomies of small scale for nearby Cal-Am operational units that are not part of the planned acquisition?

c) Regarding item 6 ("Alternatives,") suggested examples of alternatives that should be identified and evaluated could include the three operational alternatives identified in the application: Cal-Am status quo, District operation, and contract operation. The first alternative (Cal-Am status quo) could be discussed in the context of the District having the discretion to abandon a water system acquisition effort if, for example, a future eminent domain process were to set the purchase price higher than the District determines to be feasible.

d) Footnote 10 on page 29 states that "the District has not at this time determined whether its proposed acquisition of the Monterey Water System will include or exclude the desalination plant and appurtenant facilities." The location of the planned future desal plant is in the City of Marina, outside the District's jurisdictional boundary. Please describe if and how the District would anticipate acquiring the desal plant site (via eminent domain or otherwise), should such an action become necessary in the future – for example, in the event that the desal plant becomes an operational, integral element of the water supply. Note that public agencies that own real property outside their boundaries are generally subject to property taxes on those assets. (Cal. Const., art. XIII § 11, subd. [a]).

e) In the event that the desal plant becomes an operational part of the Monterey Water System without being part of the acquisition, what might be the impacts (fiscal, operational, or otherwise) on the District's operations?

3. **Initiating resolution**: The District's initiating resolution is missing several provisions required under State law (per the Cortese-Knox-Hertzberg Act, Government Code §§ 56654[d] and 56700, discussed in prior correspondence). The missing citations must be corrected in order for LAFCO to determine the application to be complete.

4. **Reduction in annual property tax revenue** to local taxing agencies (County of Monterey, cities, school districts, and special districts) if the Monterey Water System changes from private to public ownership – application pages 12-14:

   a) The application might be underestimating the annual loss-of-revenue impact to the taxing agencies. For example, on page 13, the application estimates the annual revenue loss to taxing agencies on the 1% ad-valorem property tax to be approximately $1.5 million, reflecting an estimated assessed valuation of about $150 million on parcels currently owned by Cal-Am. Based on preliminary data obtained from the County, the assessed valuation may be closer to $200 million. In addition, as the application recognizes, property taxes exceed 1% for some agencies, particularly school districts, due to voter-approved debt. Please revise this section of the application to reflect the current valuation of the specific parcels that the District anticipates it would acquire to effectuate the proposed retail water services and to address above-1% property tax rates in affected agencies.

   b) Having reviewed the application, County staff has preliminarily indicated that only the agencies that overlap with Cal-Am's parcels (not all taxing agencies countywide, as stated in the application) would be impacted. This is an important distinction requiring clear and accurate analysis. We request that the application include an agency-by-agency estimate of reduced annual property tax revenues, based on current assessed valuations, tax rates, and tax revenue allocations.

   c) For the reasons discussed above, LAFCO continues to recommend that the District hire a property tax expert consultant to comprehensively review and analyze the impacts to local agencies based on current conditions, as well as potential mitigation strategies.

   d) On page 14, the application states: "The District will likely continue to pay local jurisdictions franchise fees and utility user taxes[.]" Please describe what the approximate magnitude of and mechanism for these payments would be. It may also be useful to clarify that the District would not pay utility taxes, but would collect and remit them.

5. **MPWMD boundaries and services in relation to Marina Coast Water District:**

   a) Re- application section 3.3., *Would the proposal result in any duplication of authority? (i.e., two or more governmental agencies providing the same or similar types of services) If so, please justify the need for the duplication:* The District's application states that the proposal would not result in any overlap or duplication of authority. However, the two districts' present boundaries overlap in portions of Seaside. With activation of MPWMD's latent power, both Districts would have the authority to provide retail water service in this area.

   b) Re- section 4.3. *Is the area of the proposed Sphere of Influence modification located near the boundary (or Sphere of Influence) of any other agency that provides similar services? If so, please briefly describe both agencies' service and financial capabilities, social and economic interdependence, topographic factors, and the effect that eventual service extension may have on adjacent agencies.* In the response's first paragraph, a sentence states that MCWD serves areas abutting the Cal-Am system as result of their agreement with the former Fort Ord Reuse Authority. More recently, MCWD serves these areas as a result of its annexation of the Fort Ord service area in 2019. The second paragraph mentions overlap of the MPWMD and MCWD district boundaries, but there is no discussion of how activation of MPWMD's latent power to provide retail water services might affect MCWD's existing or future water services. The third paragraph also states that MCWD is a private company without condemnation authority, which is inaccurate.

<u>Other matters not affecting application completeness, but relevant to LAFCO's evaluation of the proposal:</u>

1. **Request for Commission direction regarding potential updates to, and/or independent third-party review of, the District's analysis of financial and operational feasibility:** LAFCO staff is preparing an open-session agenda item for the Commission's regular meeting at 4:00 on Monday, April 26, 2021. The purpose of this agenda item will be to request direction on whether the Commission believes it requires any additional feasibility-related information in order to carry out its statutory responsibilities regarding this proposal. Such information could potentially include, but not necessarily be limited to

   - Updates of assumptions and modeling used in the Raftelis report's cost-of-service analysis;
   - Analysis of the potential feasibility impact if the system's final/actual valuation ends up substantially higher than the Raftelis report's valuation estimate; and/or
   - Peer review of the submitted operations plan and contract management plan (application appendices D & E) for thoroughness and accuracy.

   This agenda item and request for direction will include an information session about the application and LAFCO's role in the process, with opportunities for a presentation by the District, as well as public comments and questions. We will continue to coordinate with you about the planned information session prior to our April 26 meeting.

2. **Municipal Service Review and Sphere of Influence Study ("MSR"):** The most recent MSR for the Water Management District was prepared by LAFCO staff in 2006. Staff will prepare an updated MSR for Commission consideration concurrent with or prior to the public hearing for the proposal.

3. **Early outreach to proposed annexation property owners:** We continue to recommend outreach by the District to the approximately 58 outlying parcels to build awareness and understanding of the proposed annexation.

4. **Application processing fees:** LAFCO requested and received from the District a $7,200 initial fee deposit at the time of application submittal. Our staff's and legal counsel's time necessary for evaluating and processing this proposal have been, and will continue to be, higher than for typical applications. LAFCO will provide periodic billing statement to the District, pursuant to our adopted fee schedule, beginning with the end of this month. The majority of the initial deposit amount will likely be depleted within this first billing cycle. Therefore, as discussed at our March 8 meeting with

you, we will be requesting a fund replenishment in the amount of $10,000 as part of our initial billing statement to be provided to you in early April. We will continue to process this application as efficiently and cost-effectively as possible. We may need to request additional fund replenishments in the future, as the application process moves forward.

Comments from affected agencies and organizations:

To date,

- **LAFCO has received comment letters (attached) from**
  - Monterey County Regional Fire District
  - Monterey Peninsula Unified School District
  - Baker Manock & Jensen PC (attorneys for Seaside Groundwater Basin Watermaster)
  - Manatt, Phelps & Phillips, LLP (attorneys for California-American Water Company)
- County of Monterey staff has indicated they are reviewing the proposal and expect to provide comments this week.
- City of Monterey staff stated they are reviewing the proposal and may be requesting City Council direction.
- Monterey County Water Resources Agency staff indicated they have no comments.

LAFCO has requested review and input from numerous other affected public agencies. We have not yet received written comments from these agencies. We will forward along to you any comments we receive.

Conclusion:

We appreciate your attention to the items discussed in this letter. Please bear in mind this application completeness review is not a final assessment of the proposal's conformance to State statutory mandates and LAFCO's own adopted policies. We look forward to working with the District to receive additional information that will assist in our review of this proposal.

Sincerely,

Kate McKenna

Kate McKenna, AICP
Executive Officer

CC:
LAFCO commissioners and legal counsel
Monterey County Regional Fire District
Monterey Peninsula Unified School District
Baker Manock & Jensen PC
Manatt, Phelps & Phillips, LLP

Attachments: Comment letters (4)

MONTEREY COUNTY REGIONAL FIRE DISTRICT

19900 Portola Drive Salinas, California 93908
(831) 455-1828 Fax (831) 455-0646 www.mcrfd.org

Michael B. Urquides, Fire Chief
David J. Sargenti, Deputy Chief

Eric Ulwelling, Division Chief/EMS & Safety
Kevin Kamnikar, Division Chief/Fire Prevention

March 23, 2021

Mr. Darren McBain, Principal Analyst
Local Agency Formation Commission (LAFCO) of Monterey County
132 W. Gabilan St. #102
Salinas, CA 93901

RE; Request for review – Monterey Peninsula Water Management District

Mr. McBain,

Thank you for the opportunity to comment on the proposed annexation and sphere of influence amendment for the Monterey Peninsula Water Management District. We have reviewed the application and have concerns regarding the fiscal impacts that this annexation would have on the Fire District. It does not appear that the Water District has identified the specific impacts for affected agencies nor is proposing any mitigation for these losses.

In the proposal submitted by the Monterey Peninsula Water Management District in section 3.7. a. Economics, Service Delivery and Development Patterns the Water District provides a description of how the change in ownership of the parcels from Cal-Am to the Water District will have "tax implications for the State, County, cities, all districts within Monterey County, and individual property owners within the various K-14 school districts. The description goes on to detail that the Water District would not be required to pay the taxes that Cal-Am currently pays. The document indicates the estimated total reduction of $1.7 million in annual property taxes in Monterey County. In the *District Impact* section, the proposal looks at the specific losses of the various school districts that may be affected, Carmel Unified and Pacific Grove schools.

In section 3.7.b. the following question is asked, *Please describe any efforts to mitigate adverse effects of the proposal on any local agency's ability to continue to provide services to its residents*. The Water District indicates it would consider a property tax sharing agreement with the two school districts to ameliorate their losses, at least for a period of five to ten years. The Water District does not propose any mitigation of fiscal impacts to Fire District or other special districts that may be affected by their proposed actions.

As you know the largest revenue stream for the Fire District is property taxes any degradation of those taxes through annexations, reassessments, or detachments directly affects the operations of the Fire District and its ability to provide the expected level of service to the citizens we serve. We ask that as part of this

review, LAFCO require the Water District analyze the fiscal impacts the annexation will have on the Fire District and how the Water District will mitigate those impacts.

If there are question regarding our comments, feel free to reach out to me directly.
Sincerely,

Michael B. Urquides
Fire Chief

Monterey Peninsula Unified School District
Business Services Department
Ryan Altemeyer

P.O. Box 1031
700 Pacific Street
Monterey, CA 93942-1031

(831) 645-1269
(831) 392-3446 FAX

March 19, 2021

Ms. Kate McKenna
Executive Officer
Local Agency Formation Commission of Monterey County
132 West Gabilan Street, Suite 102
Salinas, CA 93901

Subject: Comment regarding the Monterey Peninsula Water Management District 2021 Sphere of Influence, Annexation, and Latent Power Activation Proposal

On February 26, 2021, the Monterey Peninsula Water Management District ("Water District") submitted a proposal to the Local Agency Formation Commission of Monterey County in which the Water District seeks to activate its latent powers to provide potable water production and distribution services. The activation of these latent powers includes the acquisition of property belonging to California American Water ("Cal-Am"), a privately-owned company. While the Monterey Peninsula Unified School District ("School District") generally approves of the proposal, we remain unclear whether the School District will face a reduction in funding and whether the State will "backfill" that reduction. If the School District were to face a reduction in funding that will not be backfilled by the State, the School District would oppose the proposal. If there is in fact no fiscal impact to the School District, the School District would have no opposition to the proposal.

According to the proposal, the Water District's acquisition of Cal-Am will result in a reduction of property tax revenue to all local public agencies. The proposal indicates the following:

> [T]he change from an investor owned utility (Cal-Am) to a public owned utility (the [Water] District) has tax implications for the State, County, cities, all districts within Monterey County, and individual property owners within the various K-14 school districts. As a publicly owned utility, the [Water] District would not be required to pay such taxes.
>
> (Proposal, page 12.)

Based on the average Monterey County tax rate of 1.18%, the proposal estimates that public entities will incur an annual tax loss of $1,497,568. The proposal also provides that the State would likely mitigate school districts' losses:

> The State backfills the K-14 school districts on the 1% tax revenue losses, which is 52.96% of the County property tax base. Hence a significant portion of the $1,497,568 will not be permanently lost.
>
> (Proposal, page 13.)

We have not been able to independently confirm whether the State will commit to backfilling K-14 revenue losses. Generally, the Local Control Funding Formula ("LCFF") sets the minimum amount of annual school district funding per student. To the extent that local property taxes fall beneath the LCFF limits, the State covers the difference between the local property tax and the LCFF limit. This is often referred to as "backfilling."

The School District is a LCFF-funded district. The State will likely cover the revenue loss generated by the proposal. However, because the State has not weighed in on the proposal, the School District cannot be certain that the proposal will not result in a funding loss. This uncertainty concerns the School District.

We make the following suggestions. First, we ask that the Water District make assurances that the lost revenue of school districts will be covered, either through State "backfilling" or property tax sharing agreements. Second, we request that the Water District seek written assurances, such as an opinion letter, from the State that the State will cover the revenue loss under the proposal. Third, to the extent that the State does not cover the revenue loss, the School District expects to work with the Water District to mitigate revenue loss, including through property sharing agreements.

Respectfully,

Ryan Altemeyer, Associate Superintendent, Business Services, Monterey Peninsula Unified School District

Baker Manock
& Jensen PC
ATTORNEYS AT LAW

Christopher L. Campbell
Attorney at Law
ccampbell@bakermanock.com
Fig Garden Financial Center
5260 North Palm Avenue
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Tel: 559.432.5400
Fax: 559.432.5620
www.bakermanock.com

March 26, 2021

VIA ELECTRONIC MAIL
Ms. Kate McKenna
Monterey County LAFCO
132 W. Gabilan St. #102
Salinas, CA 93901
Email: mckennak@monterey.lafco.ca.gov

Re: Monterey Peninsula Water Management District
2021 Sphere of influence, Annexation and
Latent Power Activation Proposal

Dear Ms. McKenna:

I am the General Counsel for the Seaside Groundwater Basin Watermaster. I am submitting this letter on the Watermaster's behalf.

The Watermaster does not take any position on the Monterey Peninsula Water Management District 2021 Sphere of influence, Annexation and Latent Power Activation Proposal.

The Watermaster does advise LAFCO that the Seaside Groundwater Basin is an adjudicated water basin (Superior Court of California, County of Monterey Case M66343 California American Water vs. City of Seaside, et al, intervenor Monterey Peninsula Water Management District) that is subject to oversight by the Court. In the event that any portion of the LAFCO decision conflicts with any of the Court Judgement, the Judgement shall take precedence.

Thank you for your attention. Please let me know if you have any questions or concerns.

Very truly yours,

Christopher L. Campbell
BAKER MANOCK & JENSEN, PC

CLC:tlw

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manatt

Edward G. Burg
Manatt, Phelps & Phillips, LLP
Direct Dial: (310) 312-4189
eburg@manatt.com

March 15, 2021

Client-Matter: 81249-085

BY EMAIL

Darren McBain
Principal Analyst
Local Agency Formation Commission (LAFCO) of Monterey County
132 W. Gabilan St. #102
Salinas CA 93901

Re: February 26, 2021 Submittal of Monterey Peninsula Water Management District

Dear Mr. McBain:

Thank you for providing a copy of the February 26, 2021 Submittal of Monterey Peninsula Water Management District 2021 Sphere of Influence, Annexation, and Latent Power Activation Proposal ("the MPWMD Submittal").

As counsel for California-American Water Company, we believe that the MPWMD Submittal is not complete and should not be accepted for filing. Specifically, the Resolution of Application submitted with the MPWMD Submittal (Resolution 2020-12, attached as Appendix A to the MPWMD Submittal) fails to comply with the applicable statutory requirements.

Under Gov't Code §56824.12(a), the Resolution of Application "shall include all of the matters specified for a petition in Section 56700, except paragraph (6) of subdivision (a) of Section 56700." "Shall" is mandatory under Gov't Code §14.

Most significantly, the Resolution of Application fails to include "a description of the boundaries of affected territory accompanied by a map showing the boundaries," as required by Gov't Code §56700(a)(3). This requirement is meant to assure that members of the public receive clear information about precisely which properties would be affected by MPWMD's Submittal, so that residents can make an informed choice about whether to voice objections to (or support for) the Resolution of Application at the required public hearing. By failing to include this information in the Resolution of Application, the MPWMD Submittal to LAFCO is not complete.

In addition, we believe that MPWMD should also be advised that its Resolution of Application fails to comply with other applicable legal requirements:

- Resolution No 2020-12 fails to state the reason or reasons for the proposal, as required by Gov't Code §56700(a)(5);

- Resolution No 2020-12 fails to designate up to three person as chief petitioners, setting forth names and mailing addresses, as required by Gov't Code §56700(a)(7);

- Resolution No 2020-12 fails to state whether the proposal is consistent with the sphere of influence of any affected city or affected district, as required by Gov't Code §56700(a)(9); and

- Resolution No. 2020-12 fails to state that the proposal is made "pursuant to this part" and fails to request that proceedings be taken for the proposal "pursuant to this part" – i.e., Part 3 of Division 3 of Title 5 of the Government Code, as required by Gov't Code §§56700(a)(1) and 56700(a)(8).

The defects in MPWMD's Resolution of Application cannot be "cured" by other materials submitted with the MPWMD Submittal. It is only the Resolution of Application that is subject to a public hearing before MPWMD's Board, under Gov't Code §56824.12(c)(1). When MPWMD held its public hearing to ratify the Resolution of Application on August 17, 2020, it failed to include all of the required contents in its Resolution of Application, as detailed above. MPWMD cannot cure the defects in its Resolution of Application by submitting matters to the Commission more than six months after MPWMD's public hearing.

For these reasons, we respectfully request that a certificate of filing not be issued by the Commission's executive officer under Gov't Code §56651 and that the Commission decline to act on the MPWMD Submittal until it is preceded by and accompanied by a Resolution of Application that complies with the mandatory statutory requirements.

Sincerely,

Edward G. Burg

cc: Kate McKenna, Executive Officer

327360193.1

Department of Public Works
440 Harcourt Avenue
Seaside, CA 93955

Telephone (831) 899-6825
FAX (831) 899-6211

March 26, 2021

RECEIVED
APR 05 2021
MPWMD

David J. Stoldt, General Manager
Local Projects Application
Monterey Peninsula Water Management District
PO Box 85
Monterey, CA 93942-0085
Via email dstoldt@mpwmd.net

Subject: Grant for Local Water Project – Request for Extension

Dear Mr. Stoldt:

The City of Seaside submitted an application to the Monterey Peninsula Water Management District (MPWMD) for grant monies to design and construct a system to provide non-potable water for public works activities such as sewer line cleaning, street sweeping, storm drain cleaning, and other maintenance and construction needs. On October 19, 2015, the MPWMD Board of Directors approved funding the City of Seaside's proposal in the amount of one hundred six thousand nine hundred dollars ($106,900). The grant is set to expire on June 30, 2021.

Progress has been made toward project completion. The city's consultant has submitted draft final plans to the engineering department for review. A preliminary analysis by engineering and public works staff suggest the project can be constructed by city crews.

Since the grant funds have not been expended and the project has not been completed, the City requests a six month extension to complete the project and seek reimbursement under this grant. Please advise if the MPWMD is receptive to this request.

You may contact the undersigned at NPatel@ci.seaside.ca.us or 831-899-6884 to discuss any questions or comments.

Sincerely,

Nisha Patel, PE
City Engineer / Public Works Director

Copy: Craig Malin, City Manager
Victor Damiani, Finance Director
Scott Ottmar, Senior Civil Engineer