MARINA COAST WATER DISTRICT

11 RESERVATION ROAD, MARINA, CA 93933-2099
Home Page: www.mcwd.org
TEL: (831) 384-6131 FAX: (831) 883-5995

Agenda
Regular Board Meeting, Board of Directors
Marina Coast Water District
and
Regular Board Meeting, Board of Directors
Marina Coast Water District Groundwater Sustainability Agency
Wednesday, January 19, 2022, 6:30 p.m. PST

Due to Governor Newsom's Executive Order N-29-20 and recommendations on protocols to contain the spread of COVID-19, staff and Board members will be attending the January 19, 2022 meeting remotely from various locations and the meeting will be held via Zoom conference. There will be NO physical location of the meeting. The public is strongly encouraged to use the Zoom app for best reception.
There may be limited opportunity to provide verbal comments during the meeting. Persons who are participating via telephone will need to press *9 to be acknowledged for comments. Members of the public participating by Zoom will be placed on mute during the proceedings and will be acknowledged only when public comment is allowed, after requesting and receiving recognition from the Board President. Public comment can also be submitted in writing to Paula Riso at priso@mcwd.org by 9:00 am on Wednesday, January 19, 2022; such comments will be distributed to the MCWD Board before the meeting.

This meeting may be accessed remotely using the following Zoom link:
https://us02web.zoom.us/j/87360716549?pwd=Kys1VHlIVEhEa2VVdThRVXRXZ1Rhdz09
Passcode: 311362

To participate via phone: 1-669-900-9128; Meeting ID: 873 6071 6549 Passcode: 311362

Our Mission: *We provide our customers with high quality water, wastewater collection and conservation services at a reasonable cost, through planning, management, and the development of water resources in an environmentally sensitive manner.*

1. Call to Order

2. Roll Call

3. Pledge of Allegiance

This agenda is subject to revision and may be amended prior to the scheduled meeting. Pursuant to Government Code section 54954.2(a)(1), the agenda for each meeting of the Board shall be posted at the District offices at 11 Reservation Road, Marina. The agenda shall also be posted at the following locations, but those locations are not official agenda posting locations for purposes of section 54954.2(a)(1): City of Marina Council Chambers. A complete Board packet containing all enclosures and staff materials will be available for public review on the District website, Thursday, January 13, 2022. Information about items on this agenda or persons requesting disability related modifications and/or accommodations should contact the Board Clerk 48 hours prior to the meeting at: 831-883-5910

4. Oral Communications *Anyone wishing to address the Board on matters not appearing on the Agenda may do so at this time. Please limit your comment to four minutes. The public may comment on any other items listed on the agenda at the time they are considered by the Board.*

* * * * *

5. Marina Coast Water District Groundwater Sustainability Agency Matters

A. Action Item

1. Adopt Resolution No. 2022-GSA01 to Approve the Monterey Sub-basin Groundwater Sustainability Plan
(Page 1)

6. Return to Marina Coast Water District Matters

* * * * *

7. Workshop

A. Receive a Presentation on the Recycled Water Rate Study Workshop #1
(Page 42)

8. Consent Calendar

A. Receive and File the Check Register for the Month of December 2021
(Page 44)

B. Receive the Quarterly Financial Statements for July 1, 2021 to September 30, 2021
(Page 49)

C. Approve the Draft Minutes of the Regular Joint Board/GSA Meeting of December 13, 2021
(Page 61)

D. Approve the Draft Minutes of the Special Joint Board/GSA Meeting of January 4, 2022
(Page 68)

9. Action Items *The Board will review and discuss agenda items and take action or direct staff to return to the Board for action at a following meeting. The public may address the Board on these Items as each item is reviewed by the Board. Please limit your comment to four minutes.*

A. Consider Adoption of Resolution No. 2022-02 to Find that the MCWD Sphere of Influence Amendment and Annexation for Monterey County A.P.N. (031-15-013; 018; 024; 029; 031; 032; 036-44; 054-056); (031-261-003; 004); and (031-152-11) is not subject to CEQA and is exempt from CEQA under CEQA Guidelines sections 15301 (Existing Facilities) and 15319 (Annexations of Existing Facilities and Lots for Exempt Facilities); and Direct Staff to File an Application with the Local Agency Formation Commission
(Page 71)

B. Adopt Resolution No. 2022-03 to Authorize a CIP Budget Adjustment to Reimburse the City of Marina for the Replacement of an Emergency Repair and Replacement of a Potable Water Pipeline and Appurtenances in Flower Circle, Marina
(Page 83)

10. Staff Reports

A. Receive an Update on the Fiscal Impacts to the District due to Covid-19
(Page 88)

B. Receive a Report on Current Capital Improvement Projects
(Page 101)

C. Receive the 4th Quarter 2021 MCWD Water Consumption Report
(Page 107)

D. Receive the 4th Quarter 2021 Sewer Flow Report
(Page 114)

11. Informational Items *Informational items are normally provided in the form of a written report or verbal update and may not require Board action. The public may address the Board on Informational Items as they are considered by the Board. Please limit your comments to four minutes.*

A. General Manager's Report

B. Counsel's Report

C. Committee and Board Liaison Reports

1. Executive Committee
2. Community Outreach Committee
3. Budget and Personnel Committee
4. LAFCO Liaison
5. Special District Association

12. Board Member Requests for Future Agenda Items

13. Director's Comments *Director reports on meetings with other agencies, organizations and individuals on behalf of the District and on official District matters.*

14. Adjournment *Set or Announce Next Meeting(s), date(s), time(s), and location(s):*

Special Meeting: Tuesday, February 1, 2022, 5:30 p.m.

Regular Meeting: Tuesday, February 22, 2022, 6:30 p.m.

Return to Agenda

Marina Coast Water District Groundwater Sustainability Agency
Agenda Transmittal

Agenda Item: 5-A1 Meeting Date: January 19, 2022

Prepared By: Patrick Breen Approved By: Remleh Scherzinger

Agenda Title: Conduct a Public Hearing to Consider Adoption of Resolution No. 2022-GSA01 and to Adopt Resolution No. 2000-GSA01 the Monterey Sub-basin Groundwater Sustainability Plan

Staff Recommendation:

1. The Board of Directors Conduct a Public Hearing to Consider Adoption of Resolution No. 2022-GSA01; and,
2. Adopt Resolution No. 2022-GSA01 the Monterey Sub-basin Groundwater Sustainability Plan.

Background: The Sustainable Groundwater Management Act (SGMA) of 2014 requires groundwater basins or subbasins that are designated as medium or high priority to be managed sustainably. The District formed the Marina Coast Water District Groundwater Sustainability Agency (MCWDGSA) in 2014 that primarily overlies the medium-priority Monterey Subbasin and a portion of the high-priority 180/400 Foot-Aquifer Subbasin (Figure 1). The Seaside Subbasin is an adjudicated basin and therefore is not subject to SGMA.

The Board is requested to open, conduct, and close a Public Hearing to consider adoption of the Monterey Subbasin Groundwater Sustainability Plan (GSP) prepared by the MCWDGSA in coordination with the Salinas Valley Groundwater Sustainability Agency (SVBGSA).

The Monterey Subbasin is designated as a medium priority basin subject to conditions of overdraft and therefore must be by managed under a GSP or GSPs which must be submitted by January 31, 2022.

On March 21, 2018, the Monterey Subbasin GSP initial notification was uploaded to California Department of Water Resources (DWR's) SGMA portal pursuant to GSP Regulations §353.6. A MCWDGSA staff member was appointed to serve on SVBGSA's Monterey Subbasin Stakeholder Committee and MCWDGSA has led the development of the Monterey Subbasin GSP. Additionally, MCWDGSA and SVBGSA representatives have met regularly during GSP development to discuss issues and comments.

The final draft Monterey Subbasin GSP was released on December 10, 2021 and is available for viewing at https://www.mcwd.org/gsa_sustainability_plan.html#docs. The GSP Executive Summary is attached hereto. The MCWDGSA and SVBGSA accepted written comments on the final draft Monterey Subbasin GSP for a 45-day public comment period following the release of the final draft of the GSP. The SVBGSA Board of Directors held a public hearing to consider adoption of the GSP on January 13, 2022.

Discussion: The Monterey Subbasin GSP covers both MCWDGSA and SVBGSA areas and therefore must be adopted by both GSAs no later than January 31, 2022. The adoption must follow public hearings to be held by both GSAs pursuant to Water Code §10728.4. The adopted GSP will be submitted to DWR for an additional public comment period and DWR's review.

OVERVIEW OF THE MONTEREY SUBBASIN GSP

Pursuant to SGMA, the Monterey Subbasin GSP provides an overview of basin conditions including:

- communications and stakeholder engagement;
- plan area and hydrogeological setting;
- groundwater conditions, the estimated basin water budget, and sustainable yield;
- identification of undesirable results caused by groundwater conditions (e.g., chronic decline in water levels, seawater intrusion, degraded water quality);
- identification of measurable objectives, minimum thresholds, monitoring requirements, and data gaps;
- projects and management actions; and
- GSP implementation.

Further discussion regarding each of these topics is provided below.

Communications and Stakeholder Engagement

The GSP has been co-developed by the MCWDGSA and the SVBGSA. Pursuant to the Framework Agreement, the GSAs have established two Management Areas within the Subbasin. These Management Areas include the Marina-Ord Management Area (Marina-Ord Area) and the Corral de Tierra Management Area (Corral de Tierra Area). MCWDGSA has prepared GSP components for the Marina-Ord Area and the SVBGSA has prepared GSP components for the Corral de Tierra Area. Both GSAs have worked collaboratively to develop and implement stakeholder engagement plans for the GSP. Each GSA has also guided stakeholder engagements efforts within their respective Management Areas.

As part of intra-basin coordination, regular Technical Subcommittee meetings have been held by the GSAs and Steering Committee meetings were scheduled and held on an as needed basis. In addition, stakeholders and beneficial users within each Management Area have been provided a variety of opportunities for public engagement including GSA Board meetings, stakeholder workshops, one-on-one meetings with selected stakeholders, and website communications. SVBGSA also established a SVBGSA Monterey Subbasin Planning Committee to develop and provide feedback on draft GSP chapters.

The GSAs in total held over twenty public meetings during the GSP development process while received and responded to over 400 oral comments and 45 written comment letters.

The MCWDGSA also extended the comment period in October of 2021 and requested additional stakeholder feedback by sending the Monterey Sub-basin GSP to 4,945 stakeholders emailed, 524 stakeholders reached via Facebook, 194 stakeholders contacted via Twitter, and the GSP was posted to Nextdoor Marina.

Plan Area and Hydrogeological Setting

The majority of the Subbasin is undeveloped land. Urban uses, including the municipalities of Marina and Seaside, make up primary water users in the Subbasin. Small areas of agriculture, approximately 500 acres of truck nursery and berry crops, are located along the northern subbasin boundary adjoining the 180/400-Foot Aquifer Subbasin. Urban and agricultural water users in the Subbasin rely entirely on groundwater.

In the Marina-Ord Area, the groundwater system consists of a series of laterally continuous aquifers consistent with the aquifers that form the distinguishing features of the northern Salinas Valley. In the Corral de Tierra Area, several geologic formations are grouped together to form the single El Toro Primary Aquifer System.

Groundwater Conditions and Estimated Water budget

Estimated water budget results indicate that the Monterey Subbasin was in overdraft during the historical period (Water Years 1998-2004) and that conditions in the Monterey Subbasin are highly sensitive to conditions in adjacent subbasins. The loss in storage during the historical period is reflected in groundwater level declines that have been observed in the 400-Foot Aquifer and Deep Aquifers within the Marina-Ord Area and within the El Toro Primary Aquifer System in the Corral de Tierra Area.

Projected water budget results indicate that overdraft conditions within the Monterey Subbasin will be substantially mitigated when adjacent subbasin are managed sustainably. The projected sustainable yield of the Marina-Ord Area water budget zone (WBZ) ranges from approximately 4,400 AFY when adjacent subbasins are managed to their groundwater level Minimum Thresholds (MTs) and adjudication goals as defined in their respective groundwater planning documents, to approximately 9,900 AFY, consistent with projected water demands in this management area, when adjacent subbasins are managed to seawater intrusion (SWI) protective groundwater levels[1]. As such, the actual sustainable yield of the Marina-Ord Area will be impacted by the groundwater levels achieved and methods used to address seawater intrusion and reach SWI MTs within adjacent subbasins, e.g., groundwater recharge, seawater intrusion extraction or injection barrier, or a combination of methods. Therefore, a coordinated approach will be required to reach sustainability within the Monterey Subbasin and adjacent subbasins. Further, although these projected budget results provide potential insight into the sustainable yield of the Marina-Ord Area, confirmation that these quantities could be extracted without inducing seawater intrusion has to be verified.

A first-order estimate of the projected sustainable yield of the Corral de Tierra Area WBZ is 2,100 AFY, which is generally consistent with projected water demands in this management area. This estimate of sustainable yield is the sustainable yield to hold groundwater levels where they are after the first 20 years of GSP implementation.

Based on these results, it is anticipated that projects and management actions will need to be implemented to avoid undesirable results in the Subbasin.

Undesirable Results

SGMA requires that the GSP analyze six potential (6) undesirable results within the basin, based on groundwater conditions including:

1) lowering of groundwater levels
2) reduction in groundwater storage
3) seawater intrusion
4) groundwater quality degradation
5) land subsidence, and
6) depletion of Interconnected surface waters.

[1] In the absence of the installation of a seawater intrusion extraction or injection barrier, SWI Protective Boundary Conditions will be required to achieve seawater intrusion MTs in the 180/400-Foot Aquifer Subbasin.

The GSP analyzes each of these potential undesirable results and identifies measurable objectives and minimum thresholds that help the basin to achieve sustainability. Lowering of groundwater levels, seawater intrusion are the most critical undesirable results identified in the Monterey Subbasin.

Measurable Objectives and Minimum Thresholds

Measurable objectives and minimum thresholds are established independently for the two management areas within the GSP for each sustainability indicator and are summarized in Chapter 8 of the GSP. With regard to groundwater levels, identified measurable objectives and minimum thresholds include:

- bringing groundwater levels back to 2004 levels in the Marina-Ord Area and 2008 levels in the Corral de Tierra Area, and
- maintaining groundwater levels above those historically observed between 1995 and 2015 in the Marina-Ord Area and at 2015 levels in the Corral de Tierra Area.

With regard to seawater intrusion, identified measurable objectives and minimum thresholds are identical, and include:

- maintaining the current (2015) location of the 500 milligrams per liter (mg/L) chloride concentration isocontour line in the lower 180-Foot Aquifer and 400-Foot Aquifer and not allowing the chloride isocontour line in the Dune Sand, upper 180-Foot, and Deep Aquifers to move beyond Highway 1.

Preliminary monitoring networks have been established to verify that these measurable objectives will be met. However, data gaps in these monitoring networks, particularly in the southern Marina-Ord Area and near the lower El Toro Creek, are identified and will need additional monitoring installations over the next 3 to 5 years to verify that these sustainability indicators will be met.

Management Actions and Potential Projects

Chapter 9 of the GSP identifies a series of potential projects and management actions to address undesirable results. The GSAs have developed a SGMA implementation approach that includes regional coordination actions, participating in regional, multi-basin projects, in addition to implementing local projects and management actions.

The projects and management actions for this GSP include these major categories:

Multi-subbasin Projects – Projects that provide supply augmentation to the Monterey Subbasin that require infrastructure or rely on a supply source outside the Monterey Subbasin. These projects are generally identified in multiple Salinas Valley Subbasin GSPs and expand upon how the project would be applied in the Monterey Subbasin. These multi-subbasin projects include:

  - Seasonal Release from Reservoirs with ASR and Direct Delivery
  - Regional Municipal Supply through brackish water desalination extracted from seawater intrusion barrier
  - Multi-benefit Stream Channel Improvements

Marina-Ord Area Local Projects and Management Actions – Projects and management actions to be led by MCWDGSA that will primarily benefit the Marina-Ord Area. These projects and management actions may include:

- MCWD Demand Management Measures (Conservation)
- Stormwater Recharge Management
- Recycled Water Reuse through Landscape Irrigation and Indirect Potable Reuse/Basin Recharge
- Surface Diversion Basin Recharge
- Monitoring Wells

Corral de Tierra Area Local Projects and Management Actions – Projects and management actions to be led by SVBGSA that will primarily benefit the Corral de Tierra Area. These projects and management actions include:

- Pumping Allocation and Control
- Check Dams
- Recharge from Surface Water Diversions
- Wastewater Recycling for Reuse
- Decentralized Residential In-lieu Recharge Projects
- Decentralized Stormwater Recharge Projects
- Increase Groundwater Production in the Upper Corral de Tierra Valley for Distribution to Lower Corral de Tierra Valley (Artesian Well)

GSP Implementation

Key GSP implementation activities to be undertaken by the MCWDGSA and SVBGSA over the next five years include:

- Data collection, monitoring, and reporting;
  - Monitoring and reporting
  - Updating and improving the Data Management System
  - Improving and expanding monitoring networks
  - Addressing identified data gaps in the Hydrogeologic Conceptual Model (HCM)
- Conducting intra-basin and inter-basin coordination;
- Continuing communication and stakeholder engagement;
- Conducting periodic evaluations of the GSP;
- Implementing projects and management actions, preparing grant applications, and Developing funding strategies.

Environmental Review Compliance: None required.

Financial Impact: _____Yes ___X__No Funding Source/Recap: None

Other Considerations: None

Material Included for Information/Consideration: MCWDGSA Resolution No. 2022-GSA01; Figure 1 – MCWDGSA; Figure 2 – Management Areas; and, Attachment A – Executive Summary of the Monterey Sub-basin Aquifer Subbasin GSP.

Action Required: ___X___Resolution _____Motion_____Review
(Roll call vote is required.)

Board Action

Motion By_____Seconded By_____No Action Taken_____

Ayes_____ Abstained_____

Noes_____ Absent_____

January 19, 2022

Resolution No. 2022-GSA01
Resolution of the Board of Directors
Marina Coast Water District Groundwater Sustainability Agency
Adoption of the Monterey Sub-basin Groundwater Sustainability Plan

RESOLVED by the Board of Directors ("Directors") of the Marina Coast Water District Groundwater Sustainability Agency ("District"), at a regular meeting duly called and held on January 19, 2022, via a videoconference pursuant to Governor Newsom's Executive Order N-29-20, as follows:

WHEREAS, in the fall of 2014 the California legislature adopted, and the Governor signed into law, three bills (SB 1168, AB 1739, and SB 1319) collectively referred to as the "Sustainable Groundwater Management Act" ("SGMA"), that initially became effective on January 1, 2015, and that has been amended from time-to-time thereafter; and,

WHEREAS, the stated purpose of SGMA, as set forth in California Water Code section 10720.1, is to provide for the sustainable management of groundwater basins at a local level by providing local groundwater agencies with the authority, and technical and financial assistance necessary, to sustainably manage groundwater; and,

WHEREAS, SGMA requires the designation of Groundwater Sustainability Agencies ("GSAs") for the purpose of achieving groundwater sustainability through the adoption and implementation of regulatory programs known as Groundwater Sustainability Plans ("GSPs") or an alternative plan for all medium and high priority basins as designated by the California Department of Water Resources ("DWR"); and,

WHEREAS, SGMA requires GSAs to adopt GSPs for each basin/subbasin within the GSA's jurisdiction; and,

WHEREAS, GSPs for basins designated medium priority in DWR's Bulletin 118, and for those basins designated, are due to be filed with DWR no later than January 31, 2022; and,

WHEREAS, the Monterey Sub-basin of the Salinas Valley Groundwater Basin ("Sub-basin") is designated medium priority; and,

WHEREAS, the Marina Coast Water District Groundwater Sustainability Agency (MCWDGSA) in coordination with the Salinas Valley Basin Groundwater Sustainability Agency (SVBGSA) has undertaken the process to prepare a GSP for the Subbasin as required by SGMA; and,

WHEREAS, the MCWDGSA has provided the notices required by Water Code section 10727.8; and,

WHEREAS, the MCWDGSA Board of Directors and the MCWD GSA staff have held eleven public meetings where elements of the GSP for the Subbasin have been presented and discussed, and where the general public has been provided the opportunity to comment on the various elements of the GSP; and,

WHEREAS, the MCWDGSA has received forty-five written public comment letters on the various elements of the GSP, which have been reviewed and commented on, where and as appropriate, as part of the GSP; and,

WHEREAS, the MCWD GSA Board of Directors has noticed a public hearing for January 19, 2022, as required by Water Code section 10728.4 for the purpose of public consideration of the adoption of the GSP for the Monterey Subbasin; and,

WHEREAS, at the public hearing, the Board of Directors received public comment regarding the GSP for the Monterey Subbasin and the comments from the public thereon; and,

WHEREAS, the GSP for the Monterey Subbasin contains all the elements required by Water Code sections 10727.2 and 10727.4; and,

WHEREAS, after its filing with DWR, the GSP for the Subbasin will be subject to a further public review period, and will undergo review by DWR for a period not exceeding two years; and,

WHEREAS, the GSP for the Subbasin will be subject to further updating during the DWR review period, and periodically thereafter; and,

WHEREAS, the MCWDGSA Board of Directors closed the public hearing on January 19, 2022, and adopted the plan at the regular Board of Directors meeting of January, 19, 2022; and,

WHEREAS, it is now necessary and appropriate for the MCWDGSA Board of Directors to adopt the GSP for the Monterey Subbasin, and authorize and concur with its filing with DWR no later than the date required by SGMA;

NOW, THEREFORE, BE IT RESOLVED, by the Board of Directors of the Marina Coast Water District Groundwater Sustainability Agency, as follows:

1. The above Recitals are true and correct.
2. The Groundwater Sustainability Plan for the Monterey Sub-basin of the Salinas Valley Groundwater Basin is adopted.
3. The General Manager and Agency Counsel are hereby authorized and directed to implement the plan and take such other and further actions as may be necessary or appropriate to implement the intent and purposes of this resolution.

PASSED AND ADOPTED on January 19, 2022, by the Board of Directors of the Marina Coast Water District Groundwater Sustainability Agency by the following roll call vote:

Ayes: Directors_____

Noes: Directors_____

Absent: Directors_____

Abstained: Directors_____

_____
Jan Shriner, President

ATTEST:

_____
Remleh Scherzinger, Secretary

CERTIFICATE OF SECRETARY

The undersigned Secretary of the Board of the Marina Coast Water District Groundwater Sustainability Agency hereby certifies that the foregoing is a full, true and correct copy of MCWD GSA Resolution No. 2022-GSA01 adopted January 19, 2022.

_____
Remleh Scherzinger, Secretary

Groundwater Sustainability Plan

Monterey Subbasin

Marina Coast Water District Groundwater Sustainability Agency

Salinas Valley Basin Groundwater Sustainability Agency

Final

January **12**, 2022

Acknowledgement

MCWD GSA and SVBGSA gratefully acknowledge the funding contribution from the California Department of Water Resources. Funding for this GSP has been provided in part from Proposition 1 (Round 2) and Proposition 68 (Round 3) grants from the Sustainable Groundwater Management Grant Program.

MCWD GSA and SVBGSA gratefully acknowledge participation from subbasin stakeholders, who participated in over forty public meetings that were held during the development of the GSP and provided over 400 oral comments and 45 written comment letters during the GSP process.

MCWD GSA Board Members

Jan Shriner, President
Herbert Cortez, Vice President
Thomas Moore, Director
Gail Morton, Director
Matt Zefferman, Director

SVBGSA Member Agencies

County of Monterey
Monterey County Water Resources Agency
City of Salinas
City of Soledad
City of Gonzales
King City
Castroville Community Services District
Monterey One Water

SVBGSA Board Members

Steve Adams, South County Cities Member
Luis Alejo, Other GSA Eligible Entities Member
John Bramers, Agriculture, Pressure Member
Janet Brennan, Environment Member
Caroline Chapin, Public Member
Brenda Granillo, CPUC Regulated Water Company Member
Bill Lipe, Agriculture, Upper Valley Member
Steve McIntyre, Agriculture, Forebay Member
Colby Pereira, Agriculture, Eastside/Langley Member and Chair
Anthony Rocha, City of Salinas Member
Ron Stefani, Disadvantaged Community or Public Water System Member

Monterey Subbasin Planning Committee

Beverly Bean
Patrick Breen
Sarah Hardgrave, Chair
Robert Jacques
Margaret-Anne Coppernoll
Ron Stefani
Janet Brennan
Max Storms
Gary Kreeger
Elaheh Esfahanian

MCWD GSA Staff

Remleh Scherzinger, General Manager
Patrick Breen, Water Resources Manager
Roger Masuda, General Counsel
Kelly Cadiente, Director of Administrative Services
Derek Cray, Operations and Maintenance Manager
Teo Espero, IT Administrator

SVBGSA Staff

Donna Meyers, *General Manager*
Emily Gardner, Deputy *General Manager*
Gary Petersen, *Senior Advisor*
Les Girard, General Counsel
Merida Alvarez, Administrative Assistant
Ann Camel, Administrative Support
Harrison Tregenza, Clerk of the Board

Technical Consultants

EKI Environment & Water (EKI)

Vera Nelson, P.E., Principal-in-Charge
Tina Wang, P.E., Water Resources Engineer
Aaron Lewis, Hydrogeologist/Water Resources Engineer
Qiwen Zhang, Water Resources Engineer
Chris Heppner, Ph.D., Senior Hydrogeologist
Tyler Colyer, P.E., Civil Engineer
Nigel Chen, Ph.D., Hydrogeologist

Jaclyn Catania, GIS and Data Coordinator

Montgomery & Associates (M&A)

Derrik Williams, P.G., C.Hg., Principal Hydrogeologist
Abby Ostovar, Ph.D., Water Policy Specialist
Tiffani Canez, Hydrogeologist
Joseph Oliver, Senior Hydrogeologist
Staffan Schorr, Principal Hydrogeologist
Greg Nelson, P.G., Senior Hydrogeologist
Victoria Hermosilla, Hydrogeologist
Michael Levengood, GIS and Data Coordinator
Trevor Pontifex, Hydrogeologist
Jon Reeves, Hydrogeologist

Wallace Group

Kari Wagner, P.E., Principal/Director of Water Resources
Greg Hulburd, P.E., Senior Civil Engineer

Wood Group

Matt Baillie, P.G., C.Hg., Senior Hydrogeologist

Paris Kincaid Wasiewski

Valerie Kincaid, Principal

EXECUTIVE SUMMARY

ES.1 Introduction

On September 16, 2014, the California legislature enacted the Sustainable Groundwater Management Act (SGMA) whose primary purpose is to achieve and/or maintain sustainability within the state's high and medium priority groundwater basins. Key tenets of SGMA are the concept of local control, use of best available data and science, and active engagement and consideration of all beneficial uses and users of groundwater. As such, SGMA empowers certain local agencies to form Groundwater Sustainability Agencies (GSAs) whose purpose is to manage basins sustainably through the development and implementation of Groundwater Sustainability Plans (GSPs). Under SGMA, GSPs are required to contain certain elements, the most significant of which include: a Sustainability Goal; a description of the area covered by the GSP ("Plan Area"); a description of the Basin Setting, including the hydrogeologic conceptual model, historical and current groundwater conditions, and a water budget; locally-defined sustainability criteria; networks and protocols for monitoring sustainability indicators; and a description of projects and/or management actions that will be implemented to achieve or maintain sustainability. SGMA also requires a significant element of stakeholder outreach to ensure that beneficial uses and users of groundwater are given the opportunity to provide input into the GSP development and implementation process.

This GSP covers the entire Monterey Subbasin (Department of Water Resources [DWR] Basin 3-004.10), which encompasses 30,850 acres (or 48.2 square miles) in the northwestern Salinas Valley Groundwater Basin in the Central Coast region of California (Figure ES-1). The Monterey Subbasin (Subbasin) has been designated by the California Department of Water Resources (DWR) as medium priority. As such, the Subbasin is required to develop a GSP by January 2022 and achieve sustainability by 2042. The GSP has been co-developed by the Marina Coast Water District Groundwater Sustainability Agency (MCWD GSA) and the Salinas Valley Basin Groundwater Sustainability Agency (SVBGSA) pursuant to a Framework Agreement. The Framework Agreement outlines the Management Areas to be established within the Subbasin, which are later formalized in this GSP. The Framework Agreement further establishes a basis for information developed by the two agencies to be integrated into a single GSP for the Monterey Subbasin.

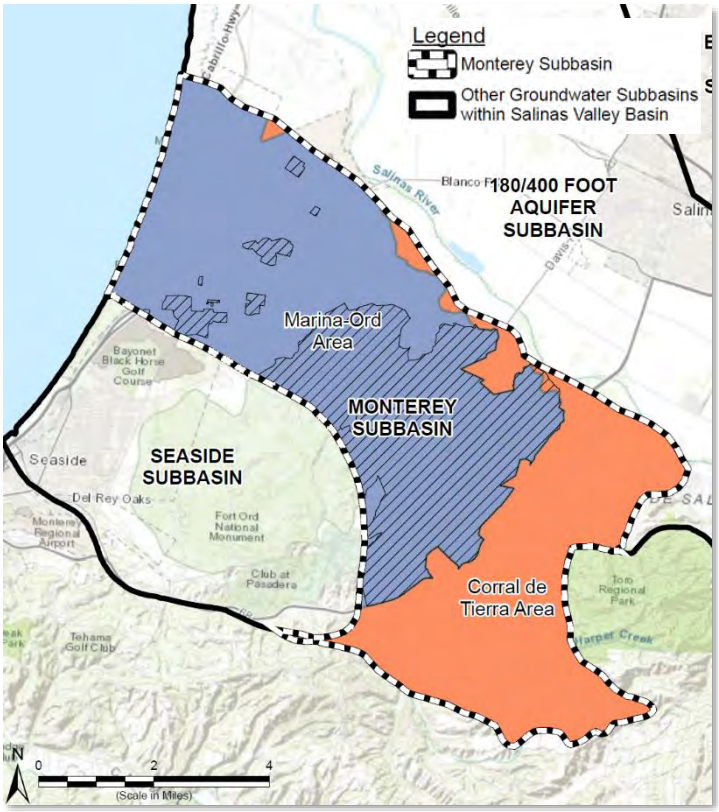


Figure ES-1. Monterey Subbasin

ES.2 Communications and Stakeholder Engagement

The Subbasin GSAs (MCWD GSA and SVBGSA) developed a Framework Agreement regarding GSP development. Pursuant to this agreement, the GSAs have established two Management Areas within the Subbasin. These Management Areas include the Marina-Ord Management Area (Marina-Ord Area) and the Corral de Tierra Management Area (Corral de Tierra Area) (Figure ES-2). The Marina-Ord Area consists of the lands within the City of Marina, City of Seaside, and the former Fort Ord. The Corral de Tierra Area consists of the remainder of the Subbasin, which includes lands generally located south of State Route 68 and a few parcels along the northern subbasin boundary with the 180/400-Foot Aquifer Subbasin.

MCWD GSA has prepared GSP components for the Marina-Ord Area and the SVBGSA has prepared GSP components for the Corral de Tierra Area. Both GSAs have worked collaboratively to develop and implement stakeholder engagement plans for the GSP. Each GSA has also guided stakeholder engagements efforts within their respective Management Areas.

As part of intra-basin coordination, regular Technical Subcommittee meetings have been held by the GSAs and Steering Committee meetings were scheduled and held on an as needed basis. In addition, stakeholders and beneficial users within each management area have been provided a variety of opportunities for public engagement including: GSA Board meetings, Stakeholder

Workshops, One-on-one meetings with selected stakeholders, and Website communications. SVBGSA also established a SVBGSA Monterey Subbasin Planning Committee that met 13 times to develop and provide feedback on draft GSP chapters. The Monterey Subbasin GSA websites (https://www.mcwd.org/governance_meetings.html and https://svbgsa.org) also contain materials presented at meetings as well as a schedule for upcoming meetings and other workshops open to the public.

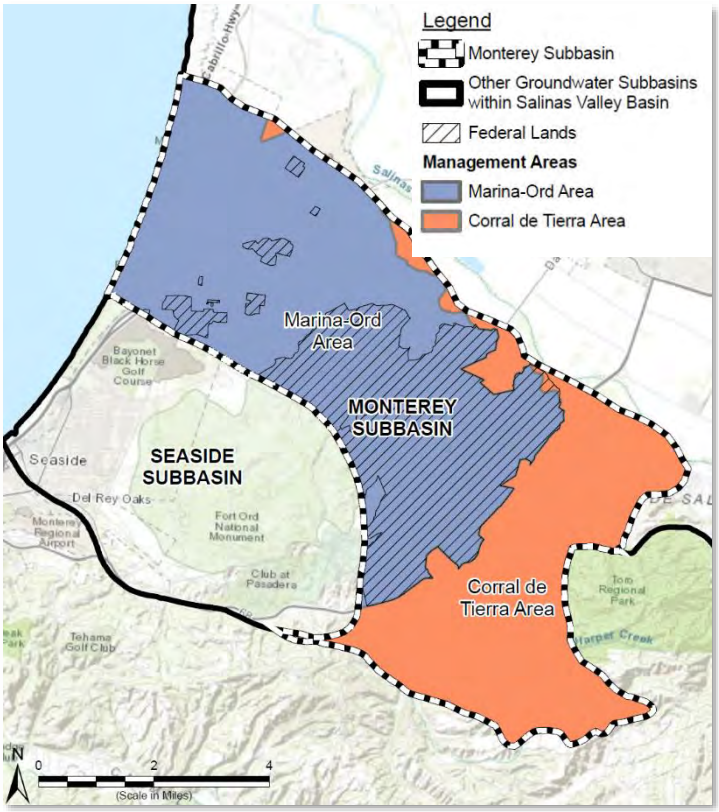


Figure ES-2. Management Areas

ES.3 Plan Area

The Monterey Subbasin is a medium-priority groundwater subbasin in the northwestern Salinas Valley Groundwater Basin in the Central Coast region of California. The Subbasin is covered by the MCWD GSA and SVBGSA and lies entirely within Monterey County. The Subbasin is bounded on the northeast by the 180/400-Foot Aquifer Subbasin (DWR Basin 3-004.01) and on the southwest by the Seaside Subbasin (DWR Basin 3-004.08). The GSAs have established two management areas within the Subbasin, which are the Marina-Ord Area and the Corral de Tierra Area.

The majority of the Subbasin is undeveloped land. Urban uses, including the municipalities of Marina and Seaside, make up primary water users in the Subbasin. Small areas of agriculture, approximately 500 acres of truck nursery and berry crops, are located along the northern subbasin boundary adjoining the 180/400-Foot Aquifer Subbasin. Urban and agricultural water users in the Subbasin rely entirely on groundwater.

A significant number of groundwater monitoring programs exist in the Subbasin and data from these programs have been used to develop the GSP and will continue to be utilized as a part of GSP implementation. The programs and entities that conduct them include:

- California Statewide Groundwater Elevation Monitoring (CASGEM) Program;
- United States Geological Survey (USGS);
- Groundwater Ambient Monitoring and Assessment (GAMA) Program;
- State Water Resource Control Board's (SWRCB's) Division of Drinking Water;
- MCWD, Monterey County Water Resources Agency (MCWRA), and Monterey Peninsula Water Management District (MPWMD);
- Central Coast Regional Water Quality Control Board (CCRWQCB); and
- United States Army Corps of Engineers.

ES.4 Hydrogeologic Conceptual Model

The Monterey Subbasin is located at the northwestern end of the Salinas Valley Groundwater Basin, an approximately 90-mile-long alluvial basin underlying the elongated, intermountain valley of the Salinas River. The Subbasin includes the portions of the Monterey Bay coastal plain, south of the approximate location of the Reliz Fault, as well as upland areas to the southeast of the coastal plain. Topography generally slopes down to the northwest towards Monterey Bay, ranging from sea level at the shoreline to 1,900 ft msl in the southeastern corner of the Subbasin. Soils within the Subbasin are predominantly of Hydrologic Soil Group A in the coastal plain area, indicating high infiltration rates and low runoff potential. In the Fort Ord hills area, soils predominately belong to Hydrologic Soil Groups C and D, with below average and low infiltration rates, respectively, and moderately high and high runoff potential, respectively. A mix of Hydrologic Soil Groups A through D exists in the Corral de Tierra Area east of El Toro Creek.

The Monterey Subbasin is hydrostratigraphically complex and represents a transition zone between the more defined, laterally continuous aquifer system along the central axis of the Salinas Valley and the less continuous aquifer systems towards the Sierra de Salinas. The water-bearing strata within the Subbasin include river and sand dune deposits of Holocene and Pleistocene age, the Aromas Sand and Paso Robles Formation of Plio-Pleistocene age, the Purisima Formation of Pliocene age, and the Santa Margarita Formation of Miocene age (Greene, 1970; Harding ESE, 2001; Geosyntec, 2007). The Monterey Formation of Miocene age, or the

bottom of the Subbasin, represents the relatively non-water-bearing bedrock that underlies the Subbasin.

Hydrostratigraphy in the Marina-Ord Area consists of a series of laterally continuous aquifers consistent with the aquifers that form the distinguishing features of the northern Salinas Valley. The principal aquifers within the Marina-Ord Area include the unconfined Dune Sand Aquifer and the confined aquifers known as the 180-Foot Aquifer, the 400-Foot Aquifer, and the Deep Aquifers. Hydraulic conductivity of the aquifers underlying the Marina-Ord Area varies by aquifer and location. Groundwater production generally occurs from the 180/ 400-Foot Aquifers and the Deep Aquifers.

Natural groundwater recharge occurs through infiltration of surface water, deep percolation of excess applied irrigation water, and deep percolation of infiltrating precipitation. Most of the Marina-Ord Area has good recharge potential due to the high permeability of the Dune Sand Aquifer which subsequently recharges the underlying 180-Foot and 400-Foot Aquifers.

Within the southern Corral de Tierra Area, the aquifers have historically been described by their geologic names, such as the Aromas Sand, Paso Robles Formation, and Santa Margarita Sandstone (Geosyntec, 2007; Yates 2005). Based on best available information as well as many wells that span multiple formations, these geologic formations are grouped together to form the El Toro Primary Aquifer System for the Corral de Tierra Area. Natural groundwater recharge occurs through infiltration of surface water if and where it occurs, and deep percolation of infiltrating precipitation. Most of the Corral de Tierra Area has good recharge potential due to the high permeability of soils which subsequently recharges the underlying sandy, gravelly layers of the Aromas Sand and Paso Robles Formation.

The primary surface water bodies in the Subbasin are the Salinas River, and Toro Creek, which is generally perennial below the confluence with Watson Creek (Feikert, 2001). Recorded streamflows at USGS gage 11152540 from 1961 to 2001 indicate a mean annual streamflow of 1,590 AFY for Toro Creek, however not all years registered flow (GeoSyntec, 2007). The Salinas River crosses into the Subbasin in two locations in the Corral de Tierra Area and may provide some recharge in areas that do not have the Salinas Valley Aquitard that generally defines the 180/400-Foot Aquifer Subbasin.

ES.5 Current and Historical Groundwater Conditions

Groundwater conditions in the Subbasin are described for each of DWR's six sustainability indicators identified below.

- Chronic Lowering of Groundwater Levels – Groundwater elevations have generally been stable for over three decades in the Dune Sand Aquifer, the upper and lower 180-Foot Aquifer, and the 400-Foot Aquifer within the northern Marina-Ord Area. Since the mid-2000s, groundwater levels have been declining in 400-Foot Aquifer wells located in the southwestern portion of the Marina-Ord Area and in Deep Aquifer wells. Decreases in groundwater elevations in the Deep Aquifers are the result of increased production from

the Deep Aquifers in the Salinas Valley Groundwater Basin. Groundwater level declines observed in the Deep Aquifers range from about 20 ft to 50 ft over the last two decades. Groundwater level declines have also been observed historically within the El Toro Primary Aquifer System in the Corral de Tierra Area. Groundwater level declines in the El Toro Primary Aquifer System range from about 20 ft to 80 ft over the last two decades.

- Changes in Groundwater Storage – Modeling results indicate an average annual loss of storage of 4,434 acre-feet per year (AFY) over the historical period (Water Year [WY] 2004-2018) in the Monterey Subbasin. This loss in storage is due to declining groundwater levels. There has been a minimal loss in storage due to seawater intrusion during the historical period as there has been negligible expansion of the seawater intrusion front. Seawater that enters the Monterey Subbasin from the ocean flows toward the 180/400-Foot Aquifer Subbasin boundary, where groundwater levels are lower in the seawater intruded aquifers.
- Seawater Intrusion – Seawater intrusion has been documented in the northern portion of the Monterey Subbasin in the lower 180-Foot and 400-Foot Aquifers. MCWRA and others have implemented a series of engineering projects and management actions to address seawater intrusion within the Salinas Valley Groundwater Basin. These projects and actions include the development of the Castroville Seawater Intrusion Project (CSIP), the Salinas Valley Water Project (SVWP), and well construction moratoriums, among other actions. Although these actions have managed to slow the advancement of the seawater intrusion front and reduce its impacts, seawater intrusion remains an ongoing threat. To date, seawater intrusion has not been reported in the Deep Aquifers.
- Groundwater Quality – Known groundwater quality concerns in the Marina-Ord Area include elevated chloride and TDS concentrations and legacy point-source contamination from former Fort Ord. Such point source contamination is being addressed by the United States Army Corps of Engineers (Army) and includes contaminants such as Volatile Organic Compounds (VOCs) and per- and poly-fluoroalkyl substances (PFAS). The primary source of high TDS and chloride concentrations in groundwater within the Marina-Ord Area is seawater intrusion. In the Corral de Tierra Area, the most prevalent water quality concern is naturally occurring arsenic.
- Subsidence – No measurable subsidence has been recorded anywhere in the Monterey Subbasin.
- Depletion of Interconnected Surface Waters – Surface water streams within the Subbasin are generally small intermittent streams that flow only after storm events, and are unlikely to be connected to groundwater, except for the lower reaches of El Toro Creek and two potential locations along the Salinas River near the Monterey-180/400-Foot Aquifer Subbasin boundary where the Salinas River intercepts the Subbasin in a small portion of the Corral de Tierra Area.

ES.6 Water Budget Information

Water budgets provide an accounting and assessment of the total annual volume of surface water and groundwater entering and leaving the Subbasin. This GSP presents three water budgets – historical (Water Year [WY] 2004-2018), current (WY 2015-2018), and a 50-year projected (WY 2019-2068) water budget period. Water budgets for each timeframe are presented for the Subbasin as a whole. In addition, zone budgets are presented for each management area.

The water budget information is based on the numerical Monterey Subbasin Groundwater Flow Model (i.e., "Monterey Subbasin Model" or "MBGWFM"), which was developed for the Subbasin. The MBGWFM uses the USGS Newton formulation of the Modular Three-Dimensional Groundwater Modeling platform (MODFLOW-NWT) to solve the governing groundwater flow equations. Table ES-1 summarizes inflows to and outflows from the basin-wide groundwater system by water source type during the historical water budget period and current water budget period. Water budget components include recharge, well pumping, net inter-basin flow, and net river exchange.

ES.6.1 Historical Water Budget Period

Although estimated groundwater recharge (10,055 AFY) exceeded pumping in the Monterey Subbasin (5,651 AFY) during the historical period, the net estimated annual change in groundwater storage in the Monterey Subbasin was -4,434 AFY. This value is negative indicating a loss of storage during the historical period. Inter-basin outflows accounted for the majority of the Subbasin's groundwater outflow over the historical period. Net inter-basin outflows (8,999 AFY) well exceeded groundwater pumping and were close to the total estimated recharge in the Subbasin. These estimated outflows are reflective of the large inland gradients that exist between the Monterey Subbasin and the 180/400-Foot Aquifer Subbasin. Groundwater levels in the 180/400-Foot Aquifer Subbasin are more than 40 feet below sea level in the 180- and 400-Foot Aquifers and have recently declined to over 100 feet below sea level in the Deep Aquifers. These results demonstrate the relationship and interdependence between inter-basin inflows, outflows, and the Subbasin water budget and the need for coordinated sustainable groundwater management in all of these subbasins.

The loss in storage is reflected in the groundwater level declines that have been observed in the 400-Foot Aquifer and Deep Aquifers within the Marina-Ord Area and within the El Toro Primary Aquifer in the Corral de Tierra Area. The negative net annual change in storage indicates that the Monterey Subbasin was in overdraft during the historical period.

ES.6.2 Current Water Budget Period

The current basin-wide water budget is based upon water years 2015 through 2018 and is also presented in Table ES-1. The current water budget includes the same water budget components as the historical water budget but characterizes basin conditions over a much shorter period of time during which recharge was much higher than during the historical period. As such, the net

annual change in groundwater storage (-1,609 AFY) was much smaller during the current period. However, this value is likely not representative of long-term conditions as it is not reflective of the long-term hydrologic cycle.

Table ES-1. Historical and Current Groundwater Water Budget Results, Monterey Subbasin

Net Annual Groundwater Flows (AFY) (a)	Historical Annual Inflows/Outflows WY 2004 - 2018	Current Annual Inflows/Outflows WY 2015 - 2018
Recharge		
● Rainfall, leakage, irrigation	**10,055**	**12,060**
Well Pumping		
● Well Pumping	**-5,641**	**-5,274**
Net Inter-Basin Flow (Presumed Freshwater) (b)		
● Seaside Subbasin	918	1,334
● 180/400-Foot Aquifer Subbasin	-9,393	-9,307
● Ocean	-524	-574
	-8,999	**-8,547**
Net Inter-Basin Flow (Presumed Seawater) (b)		
● 180/400-Foot Aquifer Subbasin	-2,872	-3,258
● Ocean	2,872	3,258
	0	**0**
Net Surface Water Exchange		
● Salinas River Exchange	**151**	**153**
NET ANNUAL CHANGE IN GROUNDWATER STORAGE	**-4,434**	**-1,609**

Notes:

(a) Positive values indicate a net inflow and negative values indicate a net outflow.
(b) All seawater inflows from the ocean are presumed to leave the Monterey Subbasin across the 180/400-Foot Aquifer Subbasin boundary, as evidenced by negligible expansion of the seawater intrusion front in the Monterey Subbasin over the historical time period.

ES.6.3 Projected Water Budget Period

Projected water budgets provide estimates of future conditions of water supply and demand within a basin, as well as the aquifer response to implementation of the Plan over the planning and implementation horizon. The projected water budget uses the same tools and methodologies that were used for the historical and current water budget, with updated inputs for climate variables (i.e., precipitation and ET), land use (water demand), and future subbasin boundary conditions. Given that historical water budget results indicate that conditions in the Monterey Subbasin are highly sensitive to conditions in adjacent subbasins, projected water budget results are presented for three alternative sets of boundary conditions in the 180/400-Foot Aquifer Subbasin. These boundary conditions include:

- Minimum Threshold (MT) Boundary Conditions: where groundwater levels along the Monterey Subbasin and 180/400-Foot Aquifer Subbasin boundary are raised to water level MTs established in the 180/400-Foot Aquifer Subbasin GSP.
- Measurable Objective (MO) Boundary Conditions: where groundwater levels along the Monterey and 180/400-Foot Aquifer Subbasin boundary are raised to water level MOs established in the 180/400-Foot Aquifer Subbasin GSP.

- Seawater Intrusion (SWI) Protective Boundary Conditions: Where groundwater levels along the Monterey Subbasin and 180/400-Foot Aquifer Subbasin boundary are set to levels protective against further seawater intrusion within the 180- and 400- Foot aquifers. In the absence of the installation of a hydraulic injection and/or extraction barrier, these SWI protective elevations represent the minimum groundwater elevations that would be needed in the coastal portions of the 180/400-Foot Aquifer Subbasin to stop further seawater intrusion consistent with the MTs for seawater intrusion established in the 180/400-Foot Aquifer Subbasin GSP.

Each of these boundary condition scenarios is predicated on the assumption that the 180/400-Foot Aquifer Subbasin will be managed to its SMCs over the 50-year projected model period. In addition, boundary conditions for the Seaside Subbasin, which is an adjudicated subbasin, are assumed to remain stable at Fall 2017 levels[1].

The chief purpose of this projected water budget analysis is to assess the magnitude of the net water supply deficit that would need to be addressed through Projects and Management Actions to prevent Undesirable Results and achieve the Sustainability Goal.

Projected water budget results are also presented for three alternative sets of hydrology and climate conditions including:

- Baseline (Historical Analog) Conditions: a 50-year analog period developed using a sequence of historical hydrologic input information that reflects the Subbasin's long-term average hydrologic conditions
- 2030 ("Near future") Climate Conditions: A water budget scenario based on 2030 climate change factors published by DWR.
- 2070 ("Late future") Climate Conditions: A water budget scenario based on 2070 "central tendency" climate change factors published by DWR.

Table ES-2 shows the water budget results under a "no project" scenario, which assumes all future projected water demands in the Monterey Subbasin will be met with groundwater. This table provides water budget results under the identified variable boundary conditions and 2030 climate conditions. As shown in Table ES-2, the net annual change in groundwater storage is expected to be minimum.

[1] Or at the established MTs (i.e., based on 2015 water levels) in the Corral de Tierra Area wherever they were below MTs at the end of the Historical Period. See discussion in Section 6.5.2.

X

Table ES-2. Comparison of Projected Water Budget Results Under "No Project" Scenarios with Variable Boundary Conditions and 2030 Climate Condition, Monterey Subbasin

Net Annual Groundwater Flows (a) (AFY)	Historical Annual Inflows/Outflows (WY 2004-2018)	Projected Annual Inflows/Outflows 2030 Climate Conditions		
		Minimum Threshold Boundary Conditions	Measurable Objective Boundary Conditions	Seawater Intrusion Protective Boundary Conditions
Recharge				
● Rainfall, leakage, irrigation	**10,055**	**10,928**	**10,928**	**10,928**
Well Pumping				
● Well Pumping	**-5,641**	**-10,955**	**-10,955**	**-10,955**
Net Inter-Basin Flow				
● Seaside Subbasin	918	2,414	1,258	-453
● 180/400-Foot Aquifer Subbasin	-12,265	-5,583	-3,412	-295
● Ocean (Presumed Freshwater)	-524	-725	-752	-794
● Ocean (Presumed Seawater)	2,872	2,939	2,369	1,308
	-8,999	**-955**	**-537**	**-234**
Net Surface Water Exchange				
● Salinas River Exchange	**151**	**261**	**254**	**279**
NET ANNUAL CHANGE IN GROUNDWATER STORAGE	**-4,434**	**-721**	**-310**	**18**

Notes:

(a) Positive values indicate a net inflow and negative values indicate a net outflow.

As shown in this table, the projected net annual change in groundwater storage ranges between -721 and 18 AFY for the "No Project" scenario. The net annual change in groundwater storage is significantly lower than that calculated for the historical period (-4,434 AFY) and indicates that Monterey Subbasin inflows and outflows would be close to balanced under any of these boundary condition scenarios. A review of climate scenario results indicates that this conclusion is true under all identified climate change scenarios, as rainfall and recharge are projected to increase under future climate scenarios within the Subbasin. As such, these projected water budget results indicate that overdraft conditions within the Monterey Subbasin will be substantially mitigated if adjacent basins are managed sustainably and SMCs are achieved.

Projected water level elevations for the "No Project" scenario were also compared to water level MTs and MOs established in the Marina-Ord Area WBZ and Corral de Tierra Area WBZ, to determine if projects and management actions need to be implemented to meet SMCs in these Management Areas. Figure ES-3 and Figure ES-4 depict average projected changes in groundwater elevations at RMS wells in the Marina-Ord Area and Corral De Tierra WBZ under the

"No Project" scenario with variable boundary conditions. These figures also identify the average change in water levels required to reach MTs and MOs at RMS wells in each management area.[2]

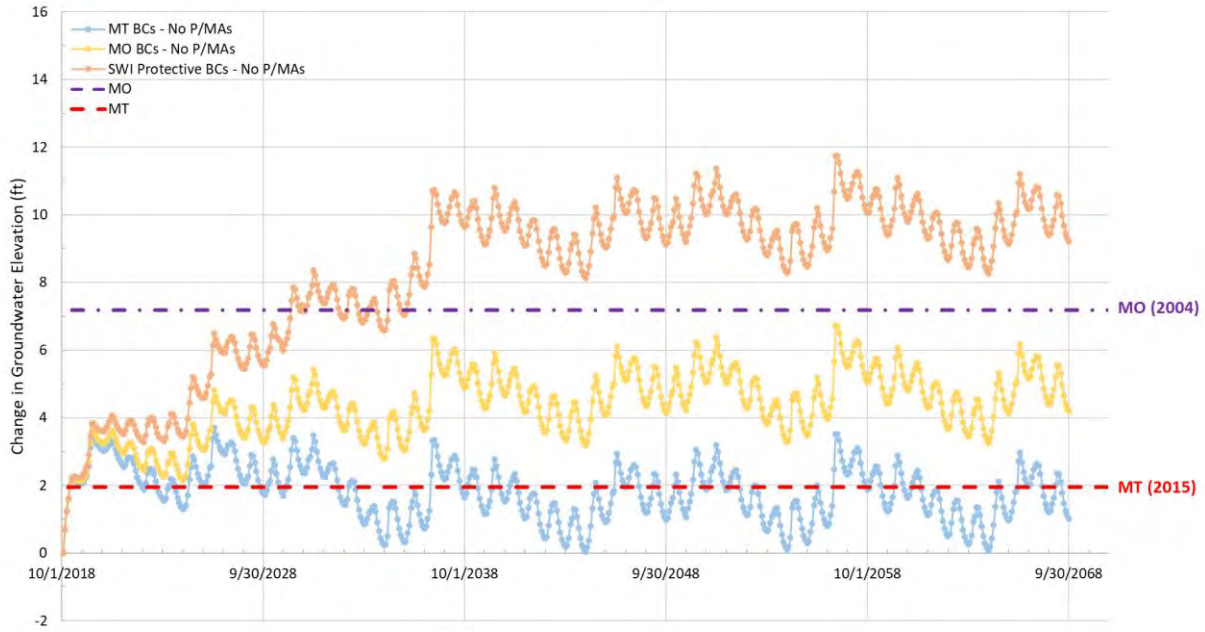


Figure ES-3. Comparison of Groundwater Elevation Changes Under "No Project" Scenario with Various Boundary Conditions and 2030 Climate Condition, Marina-Ord Area WBZ

[2] This figure shows average projected groundwater elevation changes in the 35 RMS wells in the Marina-Ord Area with respect to those modeled at the end of the historical period (i.e., 2018). The MT and MO elevations shown on this graph reflects their average elevations with respect to 2018 water levels at the RMS wells. For example, MTs, which are set based on 2015 water levels, are on average 2 feet higher than 2018 water levels in these RMS wells.

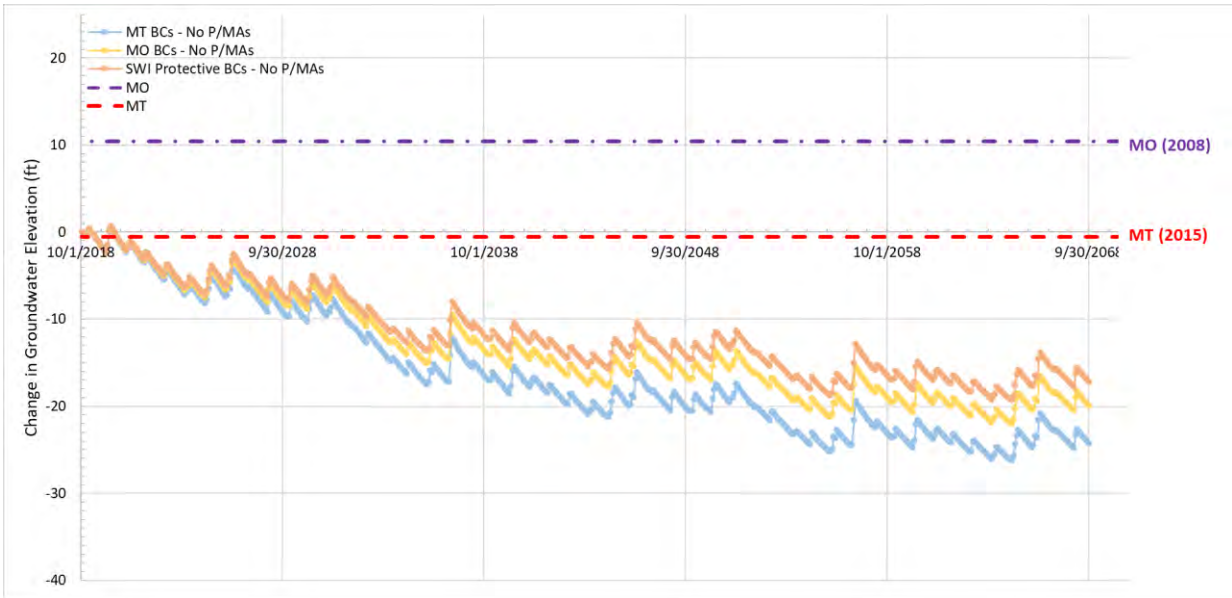


Figure ES-4. Comparison of Groundwater Elevation Changes Under "No Project" Scenario with Various Boundary Conditions and 2030 Climate Condition, Corral de Tierra Area WBZ

As shown on Figure ES-3, groundwater elevations in the Marina-Ord Area WBZ are projected to stabilize under all boundary conditions scenarios within the first ten years of GSP implementation. However, the resulting average groundwater elevation varies significantly between the various boundary scenarios. These results indicate that projects and/or management actions may be required to consistently maintain water levels above MTs and to achieve MOs within the Marina-Ord Area unless SWI protective boundary conditions are achieved in the adjacent subbasins.

As shown on Figure ES-4, groundwater elevations in the Corral de Tierra Area WBZ are projected to stabilize in the last ten years of the 50-year analog period. However, they stabilize at levels that are on average 17 to 25 feet lower than groundwater elevation MTs and 28 to 36 feet lower than groundwater elevations MOs even if SMCs are achieved in adjacent subbasins under these boundary condition scenarios. These results suggest that projects and/or management actions will be required to raise water levels above MTs and to achieve MOs within the Corral de Tierra Area WBZ.

ES.6.4 Sustainble Yield

SGMA defines sustainable yield as "the maximum quantity of water, calculated over a base period representative of long-term conditions in the Subbasin and including any temporary surplus, that can be withdrawn annually from a groundwater supply without causing an undesirable result" (CWC §10721(w)). Determination of the sustainable yield for the Subbasin is supported by water budget information and, more importantly, depends upon whether undesirable results are

avoided within the timeframes required by SGMA. As discussed above, the attainment of MTs and MOs, which are established to avoid undesirable results and achieve basin sustainability, should be considered in the estimation of sustainable yield under SGMA.

The sustainable yield of the Monterey Subbasin is significantly affected by recharge, pumping, and conditions in adjacent subbasins. As such, the sustainable yield established based on historical overdraft has significant uncertainty, does not address all undesirable results. It also does not consider future conditions in adjacent subbasins which are projected to change as these subbasins move toward sustainability. A first-order estimate of the historic sustainable yield based on overdraft is provided Section 6.5. The historical and current sustainable yield estimates are for information only and do not guide groundwater management activities in this GSP.

Projected water budget results have been used to estimate the projected sustainable yield. The sustainable yield has been evaluated by Management Area (i.e., water budget zone) as conditions vary and independent SMCs have been established for each area.

Projected water budget results under the "no project" scenario support the conclusion that 9,870 AFY can be pumped from the Marina-Ord Area WBZ without long-term loss in storage. These calculations provide only first-order estimates of the magnitude of the Marina-Ord Area WBZ sustainable yield. Comparison of projected groundwater levels within the Marina-Ord Area WBZ under the "no project" and "project" scenarios presented in Section 9.6 with established groundwater level MTs and MOs provides significant insight regarding the projected sustainable yield as defined under SGMA. As discussed above, the attainment of MTs and MOs for all sustainability indicators, which are established to avoid undesirable results and achieve basin sustainability, should be considered in the estimation of sustainable yield under SGMA. As discussed in Sections 6.5.4, 9.6, and 9.6.1, projected groundwater level data indicate that:

- Under the "no project" scenario, groundwater levels in RMS wells stabilize and are generally higher than MTs during non-drought periods under all identified boundary conditions and climate scenarios, and reach MOs if SWI Protective Boundary Conditions are achieved in adjacent subbasins.

- Under the "Project" scenario, groundwater levels stabilize and are higher than MTs and reach MOs in RMS wells within the Marina-Ord Area WBZ, if MT and MO boundary conditions are achieved in adjacent subbasins, respectively.

These results indicate that the projected sustainable yield of the Marina-Ord Area WBZ ranges from approximately 4,400 AFY if adjacent subbasins are managed to their groundwater level MTs and adjudication goals as defined in their respective groundwater planning documents, to approximately 9,900 AFY if adjacent subbasins are managed to SWI protective groundwater levels[3]. As such, the actual sustainable yield of the Marina-Ord area will be impacted by the

[3] In the absence of the installation of a seawater intrusion extraction or injection barrier, SWI Protective Boundary Conditions will be required to achieve seawater intrusion MTs in the 180/400-Foot Aquifer Subbasin.

groundwater levels achieved and methods used to address seawater intrusion and reach SWI MTs within adjacent subbasins, e.g., groundwater recharge, seawater intrusion extraction or injection barrier, or a combination of methods. Therefore, a coordinated approach will be required to reach sustainability within the Monterey subbasin and adjacent subbasins. Further, although these projected budget results provide potential insight into the sustainable yield of the Marina-Ord Area, confirmation that these quantities could be extracted without inducing seawater intrusion has to be verified.

A first-order estimate of the projected sustainable yield of the Corral de Tierra Area WBZ is 2,100 AFY. This estimate of sustainable yield is the sustainable yield to hold groundwater levels where they are after the first 20 years of GSP implementation if there are no projects undertaken. Since groundwater levels are declining, this groundwater level would be significantly below current groundwater levels in the Corral de Tierra Area and below the groundwater level MTs. Therefore, this sustainable yield estimate of 2,100 AFY is likely an overestimate of the true sustainable yield where all undesirable results are avoided.

ES.7 Monitoring Networks

The MCWD GSA and SVBGSA developed the Monterey Subbasin's SGMA Monitoring Network to: (1) collect sufficient data to assess sustainability indicators relevant to the Subbasin, (2) evaluate potential impacts to the beneficial uses and users of groundwater, and (3) assess the effectiveness of the P/MAs implemented by the GSAs. The proposed SGMA Monitoring Network was developed to ensure sufficient spatial distribution and spatial density. The monitoring networks for the six sustainability indicators are described below.

- Chronic Lowering of Groundwater Levels – The sustainability indicator for chronic lowering of groundwater levels is evaluated by monitoring groundwater elevations in designated monitoring wells. The groundwater elevation monitoring network in the Marina-Ord Area consists of over 390 wells, in which water levels are measured by U.S. Army, MCWRA, MPMWD, and/or the Seaside Groundwater Basin Watermaster. The groundwater elevation monitoring network in the Corral de Tierra Area consists of 13 wells, in which water levels are measured by MCWRA. Of these actively monitored wells, 35 have been selected as groundwater elevation representative monitoring site (RMS) wells in the Marina-Ord Area (2 to 6 wells per principal aquifer) and 13 have been selected as groundwater elevation RMS wells in the Corral de Tierra Area. In addition, the GSAs will incorporate groundwater level data from wells in adjacent subbasins and will continue to collaborate with agencies in adjacent subbasins. Areas where data gaps have been identified and additional monitoring is needed will be addressed by identifying an existing well or wells that meet valid monitoring well criteria, or drilling a new well or wells in these areas.
- Changes in Groundwater Storage – Data and minimum thresholds used to define undesirable results for chronic lowering of groundwater levels and seawater intrusion will also be used to assess reduction of groundwater storage. As such, the reduction of

groundwater storage monitoring network will consist of the same RMS wells as those used for groundwater elevation and seawater intrusion monitoring.

- Seawater Intrusion – The sustainability indicator for seawater intrusion is evaluated using the location of the 500 milligrams per liter (mg/L) chloride isoconcentration contour that is based on chloride concentrations, equivalent total dissolved solids (TDS) concentrations, and/or specific conductivity measurements. The seawater intrusion monitoring network consists of 42 RMS wells in the Marina-Ord area that are monitored by MCWD, U.S. Army, MCWRA, MPMWD, and/or the Seaside Groundwater Basin Watermaster. Areas where data gaps in this network have been identified overlap with areas where groundwater elevation monitoring data gaps exist and will be addressed concurrently.
- Groundwater Quality – The sustainability indicator for degraded water quality is evaluated by monitoring groundwater quality at a network of existing water supply wells. Separate minimum thresholds are set for the constituents of concern for public water system supply wells, on-farm domestic wells, and agricultural supply wells. Therefore, although there is a single groundwater quality monitoring network, different wells in the network are reviewed for different constituents. Constituents of concern for drinking water are assessed at public water supply wells and on-farm domestic wells, and constituents of concern for crop health are assessed at agricultural supply wells. There is adequate spatial coverage to access the groundwater quality in the Subbasin, and as new domestic and agricultural supply wells are added to Ag Order 4.0, they will be added to the monitoring program.
- Subsidence – DWR has, and will be, collecting land subsidence data using InSAR satellite data, and will make these data available to GSAs. This subsidence dataset represents the best available data for the Monterey Subbasin and will therefore be used as the subsidence monitoring network.
- Depletion of Interconnected Surface Waters – Shallow groundwater elevations near potential locations of interconnected surface water will be used as a proxy metric for this indicator. As such, the interconnected surface water monitoring network will be comprised of RMS sites adjacent to potential interconnected surface waters where minimum thresholds and measurable objectives based on shallow groundwater levels are developed for depletion of interconnected surface water. Given the stable groundwater patterns in the Dune Sand Aquifer, there is no significant and unreasonable depletion of interconnected surface water under current conditions in the Marina-Ord Area. One RMS well is included in the interconnected surface water monitoring network in this area. In the event that future groundwater activities in the Subbasin or the adjacent 180/400-Foot Aquifer Subbasin may influence the condition of the Marina vernal ponds and/or the Dune Sand Aquifer, the GSAs will work with project proponents to install additional shallow groundwater monitoring wells. In the Corral de Tierra Area, the level of surface water interconnection with the principal aquifer is unclear. An analysis of shallow groundwater levels is used to identify areas of potential interconnection between surface

water and groundwater. There are currently no known existing wells that could be included in the interconnected surface water monitoring network near the El Toro Creek or Salinas River. To fill this data gap, SVBGSA will work to install one shallow well near El Toro Creek into the interconnected surface water monitoring network and may work with the United States Geological Survey (USGS) to reactivate the stream gauge along Toro Creek. The conjunctive data collection will help correlate the potential seasonal flows with shallow groundwater and assess both the interconnectivity as well as the relationship with deeper wells in the area.

Data collected from the SGMA Monitoring Network will be uploaded to a Data Management System to be established and managed for the Monterey Subbasin and reported to the DWR in accordance with the Monitoring Protocols developed for the Subbasin.

ES.8 Sustainable Management Criteria

Sustainable Management Criteria (SMCs) are the metrics by which groundwater sustainability is judged under SGMA. Key terms related to SMCs under SGMA include the following:

- **Sustainability indicator** refers to any of the effects caused by groundwater conditions occurring throughout the Subbasin that, when significant and unreasonable, cause undesirable results, as described in California Water Code §10721(x).

  The six sustainability indicators relevant to this subbasin include chronic lowering of groundwater levels; reduction of groundwater storage; degraded water quality; land subsidence; seawater intrusion; and depletion of interconnected surface waters.

- **Undesirable Results** occur when significant and unreasonable effects for any of the sustainability indicators are caused by groundwater conditions occurring throughout the Subbasin.

  The GSP Emergency Regulations requires that the description of undesirable results include (1) the cause of groundwater conditions that would lead to or has led to undesirable results; (2) a quantitative description of the combination of minimum threshold exceedances that cause significant and unreasonable effects in the Subbasin (i.e., the undesirable result criteria); and (3) potential effects that may occur or are occurring from undesirable results. An example undesirable result criteria could be defined as: more than 10% of the measured groundwater elevations being lower than the minimum thresholds.

- **Significant and Unreasonable Conditions**

  Significant and unreasonable is not defined in the Regulations. However, the definition of undesirable results states, "Undesirable results occur when significant and unreasonable effects … are caused by groundwater conditions…". The SGMA BMP states that "the GSAs must consider and document the conditions at which each of the six sustainability indicators become significant and unreasonable, including reasons for justifying each

particular threshold selected." Therefore, this GSP adopts the phrase significant and unreasonable conditions to be the qualitative description of conditions used to justify selected minimum thresholds and undesirable results criteria.

- **Measurable objectives** refer to specific, quantifiable goals for the maintenance or improvement of specified groundwater conditions that have been included in an adopted Plan to achieve the sustainability goal for the Subbasin.

  Measurable objectives are goals that the GSP is designed to achieve.

- **Minimum threshold** refers to a numeric value for each sustainability indicator used to define undesirable results.

  Minimum thresholds are quantitative indicators of an unreasonable condition.

- **Interim milestone** refers to a target value representing measurable groundwater conditions, in increments of five years, set by an Agency as part of a Plan.

  Interim milestones are targets such as groundwater elevations that will be achieved every five years to demonstrate progress towards sustainability.

The SMCs detailed in Table ES-3 define the Subbasin's future conditions and commit the GSA to actions that will meet these objectives.

Table ES-3. Sustainable Management Criteria Summary

Sustainability Indicator	Measurement	Minimum Threshold	Measurable Objective	Undesirable Result	Interim Milestones
Chronic lowering of groundwater levels	Measured through the groundwater elevation representative monitoring well network within each management area	**Marina-Ord Area:** Minimum groundwater elevations historically observed between 1995 and 2015 in the Dune Sand, 180-Foot, 400-Foot, and Deep Aquifers.	**Marina-Ord Area:** Groundwater elevations observed in 2004 in the Dune Sand, 180-Foot, 400-Foot, and Deep Aquifers.	Over the course of any one year, exceedance of more than 20% of groundwater level minimum thresholds in **either** (a) both the Dune Sand and upper 180-Foot Aquifers, or (b) both the lower 180-Foot and 400-Foot Aquifers, or (c) the Deep Aquifers, or (d) the El Toro Primary Aquifer System.	**Whole Subbasin:** Interim milestones are described in Table 8-3 for each RMS well that is defined in Chapter 7.
		Corral de Tierra Area: Groundwater elevations observed in 2015 in the El Toro Primary Aquifer System.	**Corral de Tierra Area:** Groundwater elevations observed in 2008 in the El Toro Primary Aquifer System.		

Sustainability Indicator	Measurement	Minimum Threshold	Measurable Objective	Undesirable Result	Interim Milestones
Reduction in groundwater storage	Measured through the groundwater elevation and seawater intrusion representative monitoring well networks.	**Whole Subbasin:** Minimum thresholds for chronic lowering of groundwater levels and seawater intrusion will be used as a proxy for reduction of groundwater storage minimum threshold.	**Whole Subbasin:** Measurable objectives for chronic lowering of groundwater levels and seawater intrusion will be used as a proxy for reduction of groundwater storage measurable objective.	Over the course of any one year, (1) exceedance of more than 20% of groundwater level minimum thresholds in **either** (a) both the Dune Sand and upper 180-Foot Aquifers, or (b) both the lower 180-Foot and 400-Foot Aquifers, or (c) the Deep Aquifers, or (d) the El Toro Primary Aquifer System; OR (2) Exceedance of seawater intrusion minimum thresholds.	**Whole Subbasin:** Groundwater elevation and seawater intrusion interim milestones described respectively in Table 8-3 and Section 8.9.4.2 will serve as a proxy for reduction of groundwater storage interim milestones.

XX

Sustainability Indicator	Measurement	Minimum Threshold	Measurable Objective	Undesirable Result	Interim Milestones
Seawater intrusion	Measured through seawater intrusion representative monitoring well network.	**Whole Subbasin:** The approximate location in 2015 of the 500 mg/L chloride concentration isocontour in the lower 180-Foot and 400-Foot Aquifers; Approximately 3,500 feet from the coast in the Dune Sand Aquifer, upper 180-Foot Aquifer and Deep Aquifers. This distance is generally consistent with the location of Highway 1 in the Monterey Subbasin and seaward of groundwater extraction wells in the Subbasin. No seawater intrusion in the El Toro Primary Aquifer System.	**Whole Subbasin:** Measurable objective is identical to the minimum threshold.	Any exceedance of the minimum threshold is considered as an undesirable result.	**Whole Subbasin:** Identical to minimum thresholds and measurable objectives. No seawater intrusion above 500 mg/L chloride in RMS wells.

Sustainability Indicator	Measurement	Minimum Threshold	Measurable Objective	Undesirable Result	Interim Milestones
Degraded groundwater quality	Groundwater quality data downloaded annually from state sources.	**Whole Subbasin:** No additional exceedances of drinking water standards in potable supply wells or Basin Plan water quality objectives for agricultural supply wells as a result of GSP implementation. Exceedances are only measured in public water system supply wells and domestic and agricultural (ILRP) wells. See Table 8-5 for the list of constituents.	**Whole Subbasin:** Measurable objective is identical to the minimum threshold.	Any exceedances of minimum thresholds during any one year as a direct result of projects or management actions conducted pursuant to GSP implementation is considered as an undesirable result.	**Whole Subbasin:** Identical to minimum thresholds and measurable objectives, which represent current conditions
Subsidence	Measured using DWR-provided InSAR data.	**Whole Subbasin:** Zero net long-term subsidence, with no more than 0.1 foot per year of measured vertical displacement between June of one year and June of the subsequent year to account for InSAR measurement errors.	**Whole Subbasin:** Measurable objective is identical to the minimum threshold.	Any exceedances of minimum thresholds during any one year due to lowered groundwater elevations is considered as an undesirable result.	**Whole Subbasin:** Identical to minimum thresholds and measurable objectives, which represent current conditions.

Sustainability Indicator	Measurement	Minimum Threshold	Measurable Objective	Undesirable Result	Interim Milestones
Depletion of interconnected surface water (ISW)	Measured through shallow groundwater elevations as a proxy near potential locations of ISW in the ISW representative monitoring well network.	**Whole Subbasin:** Minimum shallow groundwater elevations historically observed between 1995 and 2015 near locations of interconnected surface water.	**Whole Subbasin:** Identical to minimum threshold shallow groundwater elevations.	Any minimum threshold exceeded in a shallow groundwater well near any location of ISW for more than two consecutive years.	**Whole Subbasin:** Identical to minimum thresholds and measurable objectives, which represent current conditions.

ES.9 Projects and Management Actions

This GSP identifies projects and management actions that will allow the Monterey Subbasin to attain sustainability in accordance with §354.42 and §354.44 of the GSP Emergency Regulations. The goal of the projects and management actions is to address significant and unreasonable results related to the chronic lowering of groundwater levels and seawater intrusion in each management area.

The GSP highlights the hydraulic connection between the Monterey Subbasin and both the adjacent critically overdrafted 180/400-Foot Aquifer Subbasin and Seaside Subbasin. Reaching sustainability and achieving measurable objectives within the Monterey Subbasin will be affected by groundwater conditions and management within these adjacent subbasins and the greater Salinas Valley Basin. Therefore, projects, management actions, and implementation actions will need to be coordinated between subbasins to achieve sustainability. Regional coordination projects and multi-subbasin projects are included when they have the potential to directly benefit this Subbasin. Therefore, the Subbasin Groundwater Sustainability Agencies (GSAs) have developed a SGMA implementation approach that includes regional coordination actions, participating in regional, multi-basin projects, in addition to implementing local projects and management actions.

The projects and management actions for this GSP are summarized in Table 9-1 and include these major categories:

- **Multi-subbasin Projects** – Projects that provide supply augmentation to the Monterey Subbasin that require infrastructure or rely on a supply source outside the Monterey Subbasin. These projects are generally identified in multiple Salinas Valley Subbasin GSPs and expand upon how the project would be applied in the Monterey Subbasin. These multi-subbasin projects include:
    - Seasonal Release from Reservoirs with ASR and Direct Delivery
    - Regional Municipal Supply through brackish water desalination extracted from seawater intrusion barrier
    - Multi-benefit Stream Channel Improvements
- **Marina-Ord Area Local Projects and Management Actions** – Projects and management actions to be led by MCWD (or Marina-Ord Area agencies) that will primarily benefit the Marina-Ord Area. These projects and management actions include:
    - MCWD Demand Management Measures – Continued Conservation
    - Stormwater Recharge Management
    - Recycled Water Reuse through Landscape Irrigation and Indirect Potable Reuse
    - Monitoring Wells

- **Corral de Tierra Area Local Projects and Management Actions** – Projects and management actions to be led by SVBGSA that will primarily benefit the Corral de Tierra Area. These projects and management actions include:
    - Pumping Allocation and Control
    - Check Dams
    - Recharge from Surface Water Diversions
    - Wastewater Recycling for Reuse
    - Decentralized Residential In-lieu Recharge Projects
    - Decentralized Stormwater Recharge Projects
    - Increase Groundwater Production in the Upper Corral de Tierra Valley for Distribution to Lower Corral de Tierra Valley (Artesian Well)

The potential projects presented in the GSP, if implemented in aggregate, are adequate to supply the entirety of projected groundwater demands in the Marina-Ord Area and significantly impact the projected demand in the Corral de Tierra Area.

The MCWD GSA and SVBGSA are the same GSAs covering the adjacent 180/400-Foot Aquifer Subbasin and will be directly leading joint efforts to achieve sustainability and mitigate any residual overdraft. As described herein, regional, or multi-subbasin projects and management actions will need to be coordinated. For example, in the event that a seawater intrusion extraction barrier is constructed in the 180/400-Foot Aquifer Subbasin, impacts to groundwater levels, seawater intrusion, and cross-boundary flows will need to be assessed.

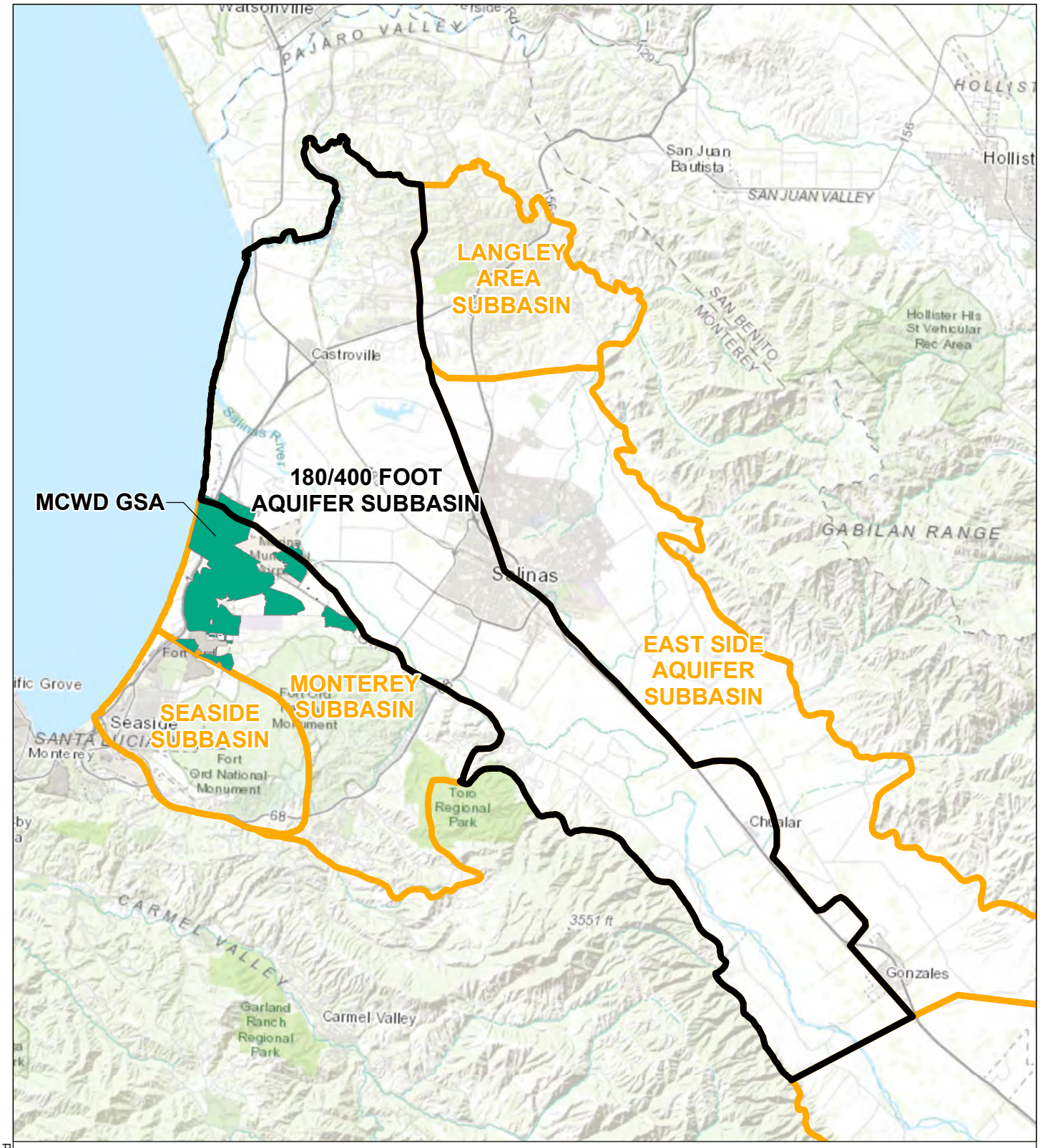
To demonstrate this future coordination, Implementation Action 1 (Support Implementation of the 180/400-Foot Aquifer Subbasin GSP and Seaside Watermaster Actions) describes the GSAs' plan to support projects and actions in adjacent subbasins, particularly those that will improve groundwater conditions near Monterey Subbasin boundaries and reduce the potential for seawater intrusion and decrease cross-boundary outflows from the Monterey Subbasin.

ES.10 Plan Implementation

Key GSP implementation activities to be undertaken by the MCWD GSA and SVBGSA over the next five years include:

- Data collection, monitoring, and reporting;
    - Annual monitoring and reporting
    - Updating the Data Management System
    - Improving monitoring networks
    - Addressing identified data gaps in the Hydrogeologic Conceptual Model (HCM)

- Conducting intra-basin and inter-basin coordination;
- Continuing communication and stakeholder engagement;
- Conducting periodic evaluations of the GSP;
- Implementing projects and management actions and preparing grant applications; and
- Developing a funding strategy.



Legend

MCWD GSA

Groundwater Basin

180/400 Foot Aquifer Subbasin

Other Groundwater Subbasin within Salinas Valley Basin

Abbreviations

DWR = Department of Water Resources
MCWD = Marina Coast Water District
GSA = Groundwater Sustainability Agency

N

0 4 8

(Scale in Miles)

MCWD GSA

Notes

1. All locations are approximate.

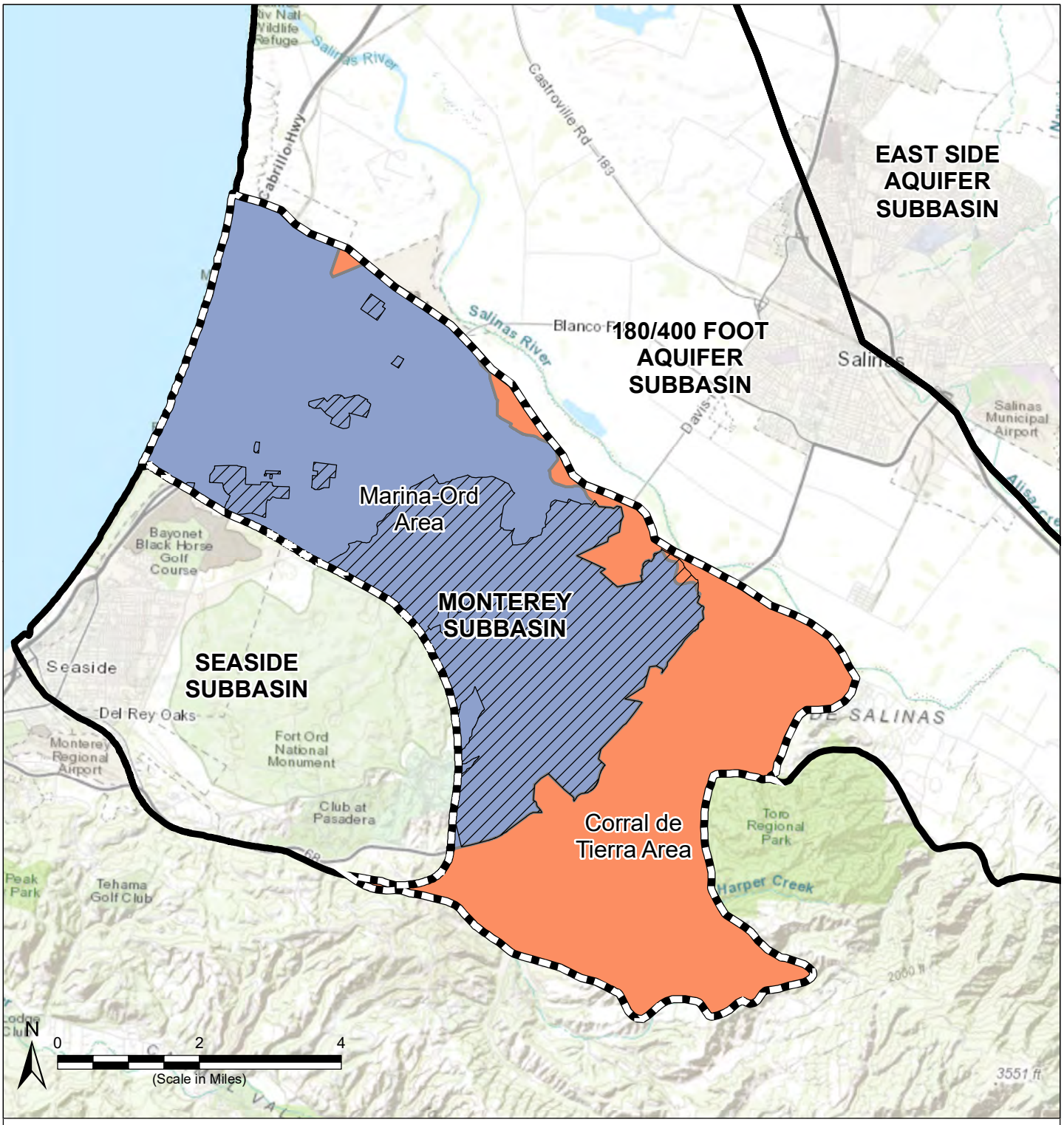
Sources

1. Basemap layers obtained from ESRI.

Marina Coast Water District
Marina, CA
January 2022
EKI B60094.03

Figure 1

Path: X:\B60094\Maps\2019\11\Fig1_MCWDGSA.mxd



Legend

- Monterey Subbasin
- Other Groundwater Subbasins within Salinas Valley Basin
- Federal Lands

Management Areas

- Marina-Ord Area
- Corral de Tierra Area

Sources

1. Basemap is ESRI's ArcGIS Online world topographic map, obtained 15 September 2021.
2. DWR groundwater basins are based on the boundaries defined in California's Groundwater, Bulletin 118 - 2018 Update.

Management Areas

Marina Coast Water District
Monterey County, CA
January 2022

Figure 2

Path: X:\B60094\Maps\2021\09\Fig1-3_ManagementAreas.mxd

Workshop

Return to Agenda

Marina Coast Water District
Agenda Transmittal

Agenda Item: 7-A Meeting Date: January 19, 2022

Submitted By: Kelly Cadiente Approved By: Remleh Scherzinger

Agenda Title: Recycled Water Rate Study Workshop #1

Staff Recommendation: Receive a presentation on the draft Recycled Water Rate Study.

Background: *Strategic Plan, Goal No. 4 – To manage the District's finances in the most effective and fiscally responsible manner.*

Discussion/Analysis: On August 13, 2020, the District issued a Request for Proposals (RFP) for a recycled water rate study in preparation for the sale of recycled water upon completion of the Reginal Urban Water Augmentation Project. In September 2020, the Board adopted Resolution No. 2020-61 awarding the contract to Raftelis Financial Consultants, Inc.

With the recycled water distribution system near completion, staff has been consulting with Raftelis Financial Consultants to complete the rate study as well. Kevin Kostiuk from Raftelis will present the draft Recycled Water Rate Study and receive input from the Board and the Public for preparation of the final document and the rate-setting schedule.

Environmental Review Compliance: None.

Financial Impact: ____Yes __X__No Funding Source/Recap: None.

Material Included for Information/Consideration: PowerPoint Presentation of the Draft Recycled Water Rate Study to be provided separately.

Action Required: _____Resolution _____Motion _____Review

Board Action

Motion By_____ Seconded By_____ No Action Taken_____

Ayes_____ Abstained_____

Noes_____ Absent_____

Return to Agenda

Marina Coast Water District
Agenda Transmittal

Agenda Item: 8 Meeting Date: January 19, 2022

Prepared By: Paula Riso Approved By: Remleh Scherzinger

Agenda Title: Consent Calendar

Staff Recommendation: The Board of Directors approve the Consent Calendar as presented.

Background: *Strategic Plan Mission Statement – We provide our customers with high quality water, wastewater collection and conservation services at a reasonable cost, through planning, management and the development of water resources in an environmentally sensitive manner.*

Consent calendar consisting of:

A) Receive and File the Check Register for the Month of December 2021
B) Receive the Quarterly Financial Statements for July 1, 2021 to September 30, 2021
C) Approve the Draft Minutes of the Regular Joint Board/GSA Meeting of December 13, 2021
D) Approve the Draft Minutes of the Special Joint Board/GSA Meeting of January 4, 2022

Discussion/Analysis: See individual transmittals.

Environmental Review Compliance: None required.

Other Considerations: The Board of Directors can approve these items together or they can pull them separately for discussion.

Material Included for Information/Consideration: Check Register for December 2021; quarterly financial statements for July 1, 2021 to September 30, 2021; draft minutes of December 13, 2021; and, draft minutes of January 4, 2022.

Action Required: _____Resolution ___X___Motion _____Review
(Roll call vote is required.)

Board Action

Motion By_____ Seconded By_____ No Action Taken_____

Ayes_____ Abstained_____

Noes_____ Absent_____

Return to Agenda

Marina Coast Water District
Agenda Transmittal

Agenda Item: 8-A Meeting Date: January 19, 2022

Prepared By: Kelly Cadiente Approved By: Remleh Scherzinger

Agenda Title: Receive and File the Check Register for the Month of December 2021

Staff Recommendation: The Board of Directors receive and file the December 2021 expenditures totaling $6,562,148.22.

Background: *Strategic Plan, Objective No. 3 – Our objective is to manage public funds to assure financial stability, prudent rate management and demonstrate responsible stewardship. Our fiscal strategy is to forecast, control and optimize income and expenditures in an open and transparent manner. We will efficiently use our financial resources to assure availability to fund current and future demands.*

Discussion/Analysis: These expenditures were paid in December 2021 and the Board is requested to receive and file the check register. The December check register total was exceptionally large due to capital project contractor payments that totaled $4,786,022.09 for the following projects:

- RUWAP Distribution System – $2,315,871.04
- Ord Village Lift Station – $1,780,379.80
- A1/A2 Tanks and B/C Booster project – $689,771.25

Environmental Review Compliance: None required.

Financial Impact: _____Yes __X__No Funding Source/Recap: Expenditures are allocated across the six cost centers; 01-Marina Water, 02-Marina Sewer, 03- Ord Water, 04- Ord Sewer, 05-Recycled Water, 06-Regional Water.

Other Consideration: None.

Material Included for Information/Consideration: December 2021 Summary Check Register.

Action Required: _____Resolution ___X___Motion _____Review
(Roll call vote is required.)

Board Action

Motion By_____ Seconded By_____ No Action Taken_____

Ayes_____ Abstained_____

Noes_____ Absent_____

December 2021 SUMMARY CHECK REGISTER

DATE	CHECK #	CHECK DESCRIPTION	AMOUNT
12/03/2021	Wire	Friedman & Springwater LLP	75,949.00
12/03/2021	71445 - 71485	Check Register	471,626.12
12/17/2021	71486 - 71566	Check Register	2,734,752.66
12/30/2021	71567 - 71595	Check Register	2,810,376.41
12/03/2021	501277 - 501281	Check Register	2,550.71
12/09/2021	ACH	Internal Revenue Service	84.18
12/09/2021	501282	Board Compensation Checks and Direct Deposit	507.91
12/10/2021	ACH	CalPERS	24,536.62
12/10/2021	ACH	Internal Revenue Service	42,930.21
12/10/2021	ACH	MassMutual Retirement Services, LLC	9,303.08
12/10/2021	ACH	State of California - EDD	9,899.17
12/10/2021	501283 - 501285	Payroll Checks and Direct Deposit	110,065.86
12/10/2021	501286 - 501287	Check Register	1,506.01
12/17/2021	501288 - 501293	Check Register	63,480.06
12/24/2021	ACH	CalPERS	24,566.69
12/24/2021	ACH	Internal Revenue Service	43,489.56
12/24/2021	ACH	MassMutual Retirement Services, LLC	7,864.71
12/24/2021	ACH	State of California - EDD	10,138.07
12/24/2021	501294 - 501296	Payroll Checks and Direct Deposit	113,370.04
12/24/2021	501297	Check Register	818.01
12/29/2021	ACH	Internal Revenue Service	84.18
12/29/2021	501298	Board Compensation Checks and Direct Deposit	507.91
12/30/2021	501299 - 501301	Check Register	3,741.05
		TOTAL DISBURSEMENTS	**6,562,148.22**

Check No	Invoice Date	Check Date	Vendor Name	Description	Amount
Wire	11/08/2021	12/03/2021	Friedman & Springwater LLP	Legal Services 10/2021	75,949.00
71445	11/05/2021	12/03/2021	PG&E	Gas and Electric Service 10/2021	77,984.92
71446	10/01/2021	12/03/2021	ACWA Joint Power Ins Authority	Liability Insurance 10/2021 - 09/2022	99,115.50
71447	11/16/2021	12/03/2021	Monterey Bay Analytical Services	Laboratory Testing	600.00
71448	11/30/2021	12/03/2021	CWEA - Monterey Bay Section	Membership Renewal	192.00
71449	11/30/2021	12/03/2021	CWEA - Monterey Bay Section	Membership Renewal	192.00
71450	11/18/2021	12/03/2021	Verizon Wireless	Cell Phone Service 11/2021	1,499.47
71451	11/08/2021	12/03/2021	Harris & Associates	Construction Management - Imjin LS, Inspection Services - RUWAP Distribution, Developers (City of Marina Slurry, Dunes 2 East, Enclave at Cypress Grove, Lower Stilwell, Wathen-Castanos Homes)	62,241.25
71452	11/20/2021	12/03/2021	NEC Financial Services, Inc.	Phone Equipment Lease 11/2021	335.76
71453	11/11/2021	12/03/2021	Carollo Engineers, Inc.	Construction Meetings, Project Administration - RUWAP	12,957.65
71454	10/31/2021	12/03/2021	The Paul Davis Partnership, LLP	Conceptual Design Phase - IOP	2,155.00
71455	11/08/2021	12/03/2021	U.S. Bank Corporate Payment Systems	Employment Advertisements (Accountant, Associate Engineer); (2) Glass Partitions - Beach Office Remodel; 2021 ACWA CLE Workshop Series - GM; 2022 Legislative Update for Public Agencies - HR; Backflow Prevention Exam - Lead Operator; Cloud Hosted Server - CityWorks/ ESRI; DOT Random Drug Testing Program - O&M; Education Materials - Conservation Education Program; Liquid Waste Hauler Permit - Vactor Truck; SCADA Internet Service; SCADA Mobile/ Laptop Hotspot; Water Professionals Appreciation Luncheon - All Staff; General Supplies	11,832.38
71456	11/09/2021	12/03/2021	Richards, Watson & Gershon	Legal Services 10/2021	20,246.41
71457	11/09/2021	12/03/2021	Raftelis Financial Consultants, Inc.	Recycled Water Rate Study 10/2021	3,048.75
71458	11/12/2021	12/03/2021	U.S. Bank National Association	Beach Office Copier Lease 11/10 - 12/09	275.32
71459	11/24/2021	12/03/2021	U.S. Bank National Association	IOP Office Copier Lease 11/20 - 12/19	287.34
71460	11/17/2021	12/03/2021	ICONIX Waterworks (US), Inc.	(2) 12" Long Sleeve Couplers, (5) Mega Lug Kits - 3290 Dunes Dr; 12" Flange with 22 1/2 Elbow; 12" Flange with 11 1/4 Elbow; General Supplies	3,522.81
71461	09/15/2021	12/03/2021	WageWorks, Inc.	FSA Admin Fees 08/2021	158.00
71462	11/18/2021	12/03/2021	Access Monterey Peninsula, Inc.	Filming and Production 11/2021	460.00
71463	11/12/2021	12/03/2021	Aleshire & Wynder, LLP	Legal Services 10/2021	27,905.89
71464	11/22/2021	12/03/2021	AT&T	Phone and Alarm Line Services 11/2021	113.08
71465	11/30/2021	12/03/2021	Employee Reimbursement	Water Distribution System O&M Course	169.53
71466	11/18/2021	12/03/2021	Psomas	Construction Management/ Inspections - Ord Village LS FM Improvements, Gigling LS FM, A1/A2 Tanks B/C Booster; Developer (Seaside Senior Living Project)	87,753.18
71467	11/10/2021	12/03/2021	Conservation Rebate Program	126 Brookside Pl - Landscape Rebate	150.00

Check No	Invoice Date	Check Date	Vendor Name	Description	Amount
71468	11/15/2021	12/03/2021	Conservation Rebate Program	3122 Bayer St - Landscape Rebate	330.00
71469	11/17/2021	12/03/2021	Int'l Council for Local Environmental Initiatives	Climate Action Plan Association Membership 12/2021 - 11/2022	1,200.00
71470	10/31/2021	12/03/2021	Local Government Commission	MCWD CAP Research/ Planning, Data Analysis/ GHG Inventory 10/2021	5,272.72
71471	11/30/2021	12/03/2021	Springhill Suites	Developer Deposit Return	48,475.15
71472	11/22/2021	12/03/2021	Customer Service Refund	Refund Check - 123 Saipan Rd	35.00
71473	11/22/2021	12/03/2021	Customer Service Refund	Refund Check - 3067 Bayer Dr	23.64
71474	11/22/2021	12/03/2021	Customer Service Refund	Refund Check - 706 Landrum Ct	140.86
71475	11/22/2021	12/03/2021	Customer Service Refund	Refund Check - 1819 Wedemeyer Ct	35.00
71476	11/22/2021	12/03/2021	Customer Service Refund	Refund Check - 18571 McClellan Cir	35.00
71477	11/22/2021	12/03/2021	Customer Service Refund	Refund Check - 138 Seal Ct	11.60
71478	11/22/2021	12/03/2021	Customer Service Refund	Refund Check - 195 Terry Cir	43.77
71479	11/22/2021	12/03/2021	Customer Service Refund	Refund Check - 3014 Lexington Ct #108	42.31
71480	11/22/2021	12/03/2021	Customer Service Refund	Refund Check - 3056 Del Monte Blvd	318.60
71481	11/22/2021	12/03/2021	Customer Service Refund	Refund Check - 3111 Nicklas Ln	35.00
71482	11/22/2021	12/03/2021	Customer Service Refund	Refund Check - 4365 Peninsula Point Dr	27.39
71483	11/22/2021	12/03/2021	Customer Service Refund	Refund Check - 2713 Bungalow Dr	35.00
71484	11/22/2021	12/03/2021	Customer Service Refund	Refund Check - Hydrant Meter	2,043.89
71485	11/29/2021	12/03/2021	Customer Service Refund	Refund Check - 3083 Crescent Ave	324.95
71486	11/29/2021	12/17/2021	Becks Shoe Store, Inc. - Salinas	Boot Benefit - O&M	329.66
71487	11/15/2021	12/17/2021	Monterey Peninsula Unified School District	Water Conservation Education 10/2021	3,881.84
71488	11/30/2021	12/17/2021	Insight Planners	Web Development/ Maintenance and Hosting 11/2021	1,794.00
71489	11/23/2021	12/17/2021	Grainger	(3) 12V DC Power Supply Units, Cordless Handheld Vacuum, General Supplies	692.92
71490	11/16/2021	12/17/2021	Area Communications	Answering Service 10/20 - 11/16	178.85
71491	11/23/2021	12/17/2021	Monterey Peninsula Engineering	RUWAP Distribution System - Construction Pmts #14, 15, 16; City of Marina Slurry Project	2,315,871.04
71492	12/01/2021	12/17/2021	Hopkins Technical Products, Inc.	General Supplies	78.15
71493	11/30/2021	12/17/2021	Peninsula Welding & Medical Supply, Inc.	Gas Cylinder Tank Rental Fee - Welding Supplies	12.90
71494	12/07/2021	12/17/2021	Monterey Bay Analytical Services	Laboratory Testing	2,020.00
71495	11/30/2021	12/17/2021	CWEA - Monterey Bay Section	Membership Renewal	192.00
71496	11/30/2021	12/17/2021	Monterey One Water	Sewer Treatment Charge 11/2021 - 12/2021	282.10
71497	12/01/2021	12/17/2021	Industrial Machine Shop	Tank Lid - F Reservoir	1,605.97
71498	12/03/2021	12/17/2021	Monterey Tire Service	Tire Replacement - Vehicle #2002	329.86
71499	11/23/2021	12/17/2021	Orkin Franchise 925	BLM/ IOP Pest Control 11/2021	191.00
71500	11/19/2021	12/17/2021	Valley Electric Motor Service	Replacement Motor (D75P2FS) 75HP - Marina Booster Pump 3	5,152.74
71501	11/30/2021	12/17/2021	Pacific Smog	Smog Test - (6) Vehicles	238.50
71502	12/01/2021	12/17/2021	Maynard Group	AT&T Wireless Backup, eMVS Cloud, VoIP Services, NEC Phone Equipment Maintenance, General Services 12/2021	3,893.52
71503	11/10/2021	12/17/2021	HD Supply Facilities Maintenance LTD	Marking Paint	213.42

Check No	Invoice Date	Check Date	Vendor Name	Description	Amount
71504	11/24/2021	12/17/2021	Core & Main LP	(108) 1" Multi-Jet Meters with 3G Dialog - Lower Stilwell; (2) MM SS Octave Meters with Floaters - Hampton Inn/ Stock; (80) 1" 3G Registers	47,942.07
71505	11/30/2021	12/17/2021	DataProse, LLC	Customer Billing Statements 11/2021	4,767.56
71506	12/01/2021	12/17/2021	American Messaging Services, LLC	Pager Service - O&M	58.88
71507	11/29/2021	12/17/2021	ARC Document Solutions, LLC	Engineering Bond Paper	71.41
71508	10/01/2021	12/17/2021	California Special Districts Association	2022 Membership Renewal	8,195.00
71509	12/06/2021	12/17/2021	University of Southern CA	2022 Water Purveyor Membership - Cross Connection Control	250.00
71510	11/03/2021	12/17/2021	American Supply Company	General Supplies	137.55
71511	12/16/2021	12/17/2021	Conservation Rebate Program	3287 Cardoza - Toilet Rebate	50.00
71512	11/23/2021	12/17/2021	SWRCB	RUWAP Construction Permit Fee 07/01/21 - 06/30/22	1,640.00
71513	12/08/2021	12/17/2021	SWRCB	WW Collection Facility Permit Fee 07/01/21 - 06/30/22	3,326.00
71514	12/08/2021	12/17/2021	SWRCB	Desal Plant Brine Discharge Permit Fee 07/01/21 - 06/30/22	3,326.00
71515	12/08/2021	12/17/2021	SWRCB	RUWAP Waste Discharge Permit Fee 07/01/21 - 06/30/22	3,074.00
71516	12/15/2021	12/17/2021	Conservation Rebate Program	14446 Lee Ave - Washer Rebate	100.00
71517	11/16/2021	12/17/2021	Calcon Systems, Inc.	Pressure Transmitter - Wells 10, 11, 29, 30, 31; Pump Rotation/ PLC Programming, SCADA Updates	21,611.83
71518	11/30/2021	12/17/2021	Univar Solutions USA, Inc.	Chlorine - Intermediate Reservoir	1,561.20
71519	11/30/2021	12/17/2021	Star Sanitation LLC	Mobile Restroom Rental - Beach Office	113.11
71520	12/01/2021	12/17/2021	Daiohs USA	Coffee Supplies	203.36
71521	11/30/2021	12/17/2021	ECAM Secure	Monthly Security Fees - Ord Wastewater Treatment Facility	1,218.50
71522	12/07/2021	12/17/2021	Green Rubber-Kennedy AG, LP	(10) SS Clamps - D Reservoir; (2) Ball Valves - Wells 10, 11; General Supplies	708.59
71523	11/27/2021	12/17/2021	Graniterock Company	General Supplies	157.74
71524	12/15/2021	12/17/2021	Employee Reimbursement	Grade I Mechanical Tech Certification - O&M	180.00
71525	12/08/2021	12/17/2021	Marina Tire & Auto Repair	Coolant Line Repair - Vehicle #1306	386.32
71526	12/08/2021	12/17/2021	Raftelis Financial Consultants, Inc.	Recycled Water Rate Study 11/2021	2,977.50
71527	12/08/2021	12/17/2021	Remy Moose Manley, LLP	Legal Services 10/2021	45,152.50
71528	12/06/2021	12/17/2021	Monterey Bay Technologies, Inc.	(2) 8GB Backup Harddisks, (4) CyberPower 1350VA UPS, StorageCraft Cloud Backup for Disaster Recovery, IT Support Services 12/2021	5,268.32
71529	12/10/2021	12/17/2021	ICONIX Waterworks (US), Inc.	1 1/2" Ford Ball Valve, (2) PVC Couplers, (2) Tapping Saddles, (2) Gate Valves - 670 Barth Ct; Grate, DI Spool, (2) 6" Hymax2 Couplings - Reservoir 2; Concentric Reducer, DI Spool, Mega Flange Kit, Bolt Up Sets, Fittings - Marina Booster; Valve Boxes; Lids; Manhole Frames/ Covers; General Supplies	13,281.71
71530	11/09/2021	12/17/2021	Griffith, Masuda & Hobbs	Legal Services 10/2021	28,698.94
71531	12/13/2021	12/17/2021	NASSCO, Inc.	2022 Membership Dues	590.00
71532	12/07/2021	12/17/2021	Aleshire & Wynder, LLP	Legal Services 11/2021	26,785.50
71533	11/30/2021	12/17/2021	Peninsula Messenger LLC	Courier Service 12/2021	174.00

Check No	Invoice Date	Check Date	Vendor Name	Description	Amount
71534	12/04/2021	12/17/2021	Dataflow Business Systems, Inc.	RICOH Plotter/ Scanner Maintenance	175.00
71535	12/06/2021	12/17/2021	TIAA Commercial Finance, Inc.	Ord Office Copier, eCopy ScanStation Lease 12/2021	422.04
71536	11/30/2021	12/17/2021	Iron Mountain, Inc.	Shredding Service 11/2021	208.84
71537	11/28/2021	12/17/2021	AT&T	Phone and Alarm Line Services 11/2021	104.86
71538	12/01/2021	12/17/2021	Simpler Systems, Inc.	UB Datapp Maintenance 12/2021	500.00
71539	11/30/2021	12/17/2021	Marina Coast Water District (BLM)	BLM Water, Sewer, Fire Service 11/2021	372.75
71540	12/01/2021	12/17/2021	Pure Janitorial, LLC	Janitorial Service - MCWD, BLM Offices 11/2021	4,700.00
71541	11/01/2021	12/17/2021	Irrigation Association	2022 Annual Membership	539.00
71542	11/23/2021	12/17/2021	EKI Environment & Water, Inc.	Monterey Subbasin Groundwater Sustainability Plan Prop 68, Groundwater Sustainability Planning Study, CalAm Water Supply Project	57,235.10
71543	11/16/2021	12/17/2021	Akel Engineering Group, Inc.	Capacity Fee Study	3,930.00
71544	11/30/2021	12/17/2021	Cintas Corporation No. 630	Uniforms, Towels, Rugs 11/2021	1,016.91
71545	12/01/2021	12/17/2021	Verizon Connect NWF, Inc.	GPS Service - (2) Meter Reader Trucks 11/2021	38.00
71546	11/19/2021	12/17/2021	Ferguson Enterprises, Inc.	Ridgid SeeSnake Compact M40 Inspection Camera	10,591.31
71547	11/25/2021	12/17/2021	WEX Bank	Fleet Gasoline 11/2021	5,353.51
71548	11/30/2021	12/17/2021	Conservation Rebate Program	322 Quebrada Del Mar Rd - Landscape Rebate	948.00
71549	06/30/2021	12/17/2021	Salinas Valley Basin Groundwater Sustainability Agency	Corral de Tierra GSP	72,370.26
71550	11/30/2021	12/17/2021	Local Government Commission	MCWD CAP Research/ Planning, Data Analysis/ GHG Inventory 11/2021	2,636.36
71551	11/30/2021	12/17/2021	Conservation Rebate Program	320 Quebrada Del Mar Rd - Landscape Rebate	1,112.33
71552	11/23/2021	12/17/2021	Conservation Rebate Program	3036 Ferris Cir - Landscape Rebate	847.50
71553	11/22/2021	12/17/2021	Conservation Rebate Program	147 Robin Dr - (2) Toilet Rebates	150.00
71554	11/22/2021	12/17/2021	Conservation Rebate Program	5003 Telegraph Blvd - Washer Rebate	100.00
71555	11/19/2021	12/17/2021	Conservation Rebate Program	452 Reindollar Ave - Toilet Rebate	50.00
71556	11/30/2021	12/17/2021	Conservation Rebate Program	322 Quebrada Del Mar Rd - Landscape Rebate	82.76
71557	11/30/2021	12/17/2021	Conservation Rebate Program	165 Okinawa Rd - Washer Rebate	150.00
71558	12/02/2021	12/17/2021	Conservation Rebate Program	186 Lillian Pl - Toilet Rebate	75.00
71559	12/09/2021	12/17/2021	Conservation Rebate Program	2973 Abrams Dr - Washer Rebate	150.00
71560	12/13/2021	12/17/2021	Conservation Rebate Program	3189 Tallmon St - Washer Rebate	150.00
71561	11/29/2021	12/17/2021	Habitat for Humanity Monterey Bay	Plan Review Fee Refund (Project Canceled)	500.00
71562	11/02/2021	12/17/2021	Springbrook National User Group	2022 Membership	100.00
71563	11/23/2021	12/17/2021	Ferguson Enterprises LLC #3326	General Supplies	120.18
71564	12/02/2021	12/17/2021	Bartle Wells Associates	Capacity Fee Study 10/2021	10,250.00
71565	12/01/2021	12/17/2021	Greenwaste Recovery, Inc.	Garbage Collection & Recycling Services 12/2021	777.38
71566	11/19/2020	12/17/2021	Customer Service Refund	Refund Check - 3074 Clarke Pl (Check Re-Issue)	29.51
71567	11/30/2021	12/30/2021	Ace Hardware of Watsonville, Inc.	General Supplies	990.19
71568	12/08/2021	12/30/2021	PG&E	Gas and Electric Service 11/2021	70,352.99
71569	11/28/2021	12/30/2021	Home Depot Credit Services	General Supplies	199.26

Check No	Invoice Date	Check Date	Vendor Name	Description	Amount
71570	12/14/2021	12/30/2021	Area Communications	Answering Service 11/17 - 12/14	164.00
71571	10/31/2021	12/30/2021	Schaaf & Wheeler	Construction Meetings, Respond to RFI's, Review Submittals - Ord Village LS FM Improvements; Site Walk, Respond to RFI's - Gigling LS FM; Review Submittals, Respond to RFI's - Intermediate Reservoir Recoating; Construction Phase - A1/A2 Tanks B/C Booster; Developers (Campus Town, Enclave at Cypress Grove, University Villages 1 & 2)	50,171.52
71572	12/14/2021	12/30/2021	Monterey Peninsula Engineering	Ord Village LS - Construction Pmts #3, 4, 5	1,780,379.80
71573	11/23/2021	12/30/2021	Monterey Peninsula Engineering	City of Marina Slurry Project	72,066.00
71574	10/29/2021	12/30/2021	Anderson Pacific Engineering Construction, Inc.	A1/A2 Tanks B/C Booster - Construction Pmt #1	689,771.25
71575	12/06/2021	12/30/2021	Harris & Associates	City of Marina Slurry Project; Inspection Services - Imjin LS, RUWAP Distribution System; Developers (Dunes 2 East, Enclave at Cypress Grove, Lower Stilwell, Wathen-Castanos Homes)	48,793.00
71576	12/08/2021	12/30/2021	Shape Incorporated	(2) Flygt Pumps, (2) Pump Bases - Dunes LS	49,490.25
71577	11/08/2021	12/30/2021	Core & Main LP	(3) Gate Valves - Hydrant Meters	305.37
71578	12/08/2021	12/30/2021	Carollo Engineers, Inc.	Construction Meetings, Submittal Review, Project Administration - RUWAP	9,458.47
71579	11/30/2021	12/30/2021	Don Chapin Co., Inc	(10.13) tons Plaster Sand, (10.40) tons Base Rock	991.13
71580	12/09/2021	12/30/2021	Green Rubber-Kennedy AG, LP	General Supplies	57.07
71581	12/16/2021	12/30/2021	Marina Tire & Auto Repair	(4) Tires - Vehicle #1234, Oil Change - Vehicle #1239	936.07
71582	12/08/2021	12/30/2021	Richards, Watson & Gershon	Legal Services 11/2021	10,315.59
71583	12/06/2021	12/30/2021	IndustryUpTime, Inc.	Aurora Pump, Mechanical Seal - Marina Booster	22,340.25
71584	12/15/2021	12/30/2021	U.S. Bank National Association	Beach Office Copier Lease 12/10 - 01/09	275.32
71585	12/15/2021	12/30/2021	WageWorks, Inc.	FSA Admin Fees 11/2021	158.00
71586	12/06/2021	12/30/2021	Cisco Air Systems	Compressor Service - E Booster	1,685.29
71587	12/21/2021	12/30/2021	Customer Service Refund	Refund Check - 302 Carmel Ave #B	12.25
71588	12/21/2021	12/30/2021	Customer Service Refund	Refund Check - 271 Hillcrest Ave	72.81
71589	12/21/2021	12/30/2021	Customer Service Refund	Refund Check - 15026 Breckinridge Ave	54.02
71590	12/21/2021	12/30/2021	Customer Service Refund	Refund Check - 471 Albert Way	128.67
71591	12/21/2021	12/30/2021	Customer Service Refund	Refund Check - Hydrant Meter	1,045.01
71592	12/21/2021	12/30/2021	Customer Service Refund	Refund Check - 2713 3rd Ave	19.58
71593	12/21/2021	12/30/2021	Customer Service Refund	Refund Check - 206 Hibiscus Hts	28.23
71594	12/21/2021	12/30/2021	Customer Service Refund	Refund Check - 3115 Crescent Ave	56.89
71595	12/21/2021	12/30/2021	Customer Service Refund	Refund Check - 301 9th St #201	58.13
501277	11/25/2021	12/03/2021	AFLAC	Employee Paid Benefits 11/2021	1,502.71
501278	11/23/2021	12/03/2021	Pinnacle Medical Group, Inc.	Drug Test (DOT) - O&M	115.00
501279	11/17/2021	12/03/2021	Principal Life	Employee Paid Benefits 12/2021	259.60
501280	11/17/2021	12/03/2021	Transamerica Life Insurance Company	Employee Paid Benefits 11/2021	673.40
501281			Void		

Check No	Invoice Date	Check Date	Vendor Name	Description	Amount
ACH	12/09/2021	12/09/2021	Internal Revenue Service	Board Compensation 11/2021	84.18
501282	12/09/2021	12/09/2021	Board Checks and Direct Deposit	Board Compensation 11/2021	507.91
ACH	12/10/2021	12/10/2021	CalPERS	Payroll Ending 12/03/2021	24,536.62
ACH	12/10/2021	12/10/2021	Internal Revenue Service	Payroll Ending 12/03/2021	42,930.21
ACH	12/10/2021	12/10/2021	MassMutual Retirement Services, LLC	Payroll Ending 12/03/2021	9,303.08
ACH	12/10/2021	12/10/2021	State of California - EDD	Payroll Ending 12/03/2021	9,899.17
501283 - 501285	12/10/2021	12/10/2021	Payroll Checks and Direct Deposit	Payroll Ending 12/03/2021	110,065.86
501286	12/10/2021	12/10/2021	General Teamsters Union	Payroll Ending 12/03/2021	688.00
501287	12/10/2021	12/10/2021	WageWorks, Inc.	Payroll Ending 12/03/2021	818.01
501288	12/09/2021	12/17/2021	ACWA/ JPIA	Medical, Dental, Vision, EAP Insurance 01/2022	57,834.14
501289	12/05/2021	12/17/2021	LegalShield	Employee Paid Benefits 12/2021	25.90
501290	11/30/2021	12/17/2021	Justifacts Credential Verification, Inc.	Background Check - New Hire	180.11
501291	11/10/2021	12/17/2021	Lincoln National Life Insurance Company	Life, Short/ Long Term, AD&D Insurance 12/2021	4,843.91
501292	12/08/2021	12/17/2021	Boutin Jones, Inc.	Legal Services 11/2021	76.00
501293	11/03/2021	12/17/2021	Central Coast VNA and Hospice, Inc.	Influenza Flu Vaccination/ Clinic Fee	520.00
ACH	12/24/2021	12/24/2021	CalPERS	Payroll Ending 12/17/2021	24,566.69
ACH	12/24/2021	12/24/2021	Internal Revenue Service	Payroll Ending 12/17/2021	43,489.56
ACH	12/24/2021	12/24/2021	MassMutual Retirement Services, LLC	Payroll Ending 12/17/2021	7,864.71
ACH	12/24/2021	12/24/2021	State of California - EDD	Payroll Ending 12/17/2021	10,138.07
501294 - 501296	12/24/2021	12/24/2021	Payroll Checks and Direct Deposit	Payroll Ending 12/17/2021	113,370.04
501297	12/24/2021	12/24/2021	WageWorks, Inc.	Payroll Ending 12/17/2021	818.01
ACH	12/29/2021	12/29/2021	Internal Revenue Service	Board Compensation 12/2021	84.18
501298	12/29/2021	12/29/2021	Board Checks and Direct Deposit	Board Compensation 12/2021	507.91
501299	12/18/2021	12/30/2021	Principal Life	Employee Paid Benefits 01/2022	259.60
501300	12/11/2021	12/30/2021	Lincoln National Life Insurance Company	Life, Short/ Long Term, AD&D Insurance 01/2022	2,808.05
501301	12/16/2021	12/30/2021	Transamerica Life Insurance Company	Employee Paid Benefits 12/2021	673.40
				Total Disbursements for December 2021	**6,562,148.22**

Return to Agenda

Marina Coast Water District
Agenda Transmittal

Agenda Item: 8-B Meeting Date: January 19, 2022

Prepared By: Kelly Cadiente Approved By: Remleh Scherzinger

Agenda Title: Receive the Quarterly Financial Statements for July 1, 2021, to September 30, 2021

Staff Recommendation: The Board receives the Quarterly Financial Statements for July 1, 2021, to September 30, 2021.

Background: *District Strategic Plan, Strategic Element No. 3.2 – Regular Financial Updates to Policymakers and Managers.*

Discussion/Analysis: All figures reported for the quarter are based on accrual basis accounting. The District's consolidated financial statement for the quarter includes operating revenues of $4.295 million and expenses of $3.136 million, resulting in a net gain from operations of $1.159 million. The District budget projected a net gain from operations of $0.207 million for the same period.

The difference between the actual net gain from operations for the quarter and the budgeted gain expectation is $0.952 million due to the timing of when revenues are earned and expenses are accrued producing different results than those in which the annual budget amounts are divided evenly by quarter.

Summary of Cost Centers:

Description	Actual Qtr	Budget Qtr	Actual FYTD	Budget FYTD
Marina Water				
Revenue	850,672	1,198,478	850,672	1,198,478
Expenses	817,186	1,084,094	817,186	1,084,094
Net Gain/(Loss)	33,486	114,384	33,486	114,384
Marina Sewer				
Revenue	275,175	378,318	275,175	378,318
Expenses	154,414	241,093	154,414	241,093
Net Gain/(Loss)	120,761	137,225	120,761	137,225
Ord Community Water				
Revenue	2,448,410	2,265,183	2,448,410	2,265,183
Expenses	1,804,211	2,376,235	1,804,211	2,376,235
Net Gain/(Loss)	644,199	(111,052)	644,199	(111,052)
Ord Community Sewer				
Revenue	721,083	829,966	721,083	829,966
Expenses	314,967	514,210	314,967	514,210
Net Gain/(Loss)	406,116	315,756	406,116	315,756

Recycled Water Project				
Revenue	-	112,497	-	112,497
Expenses	45,723	361,825	45,723	361,825
Net Gain/(Loss)	(45,723)	(249,328)	(45,723)	(249,328)
Consolidated Cost Centers				
Revenue	**4,295,340**	**4,784,442**	**4,295,340**	**4,784,442**
Expenses	**3,136,501**	**4,577,457**	**3,136,501**	**4,577,457**
Net Gain/(Loss)	**1,158,839**	**206,985**	**1,158,839**	**206,985**

As of September 30, 2021, the District had $23.145 million in liquid investments. The District also had $15.239 million of 2019 Revenue Certificates of Participation Project Funds.

The District owed $17.270 million for the 2019 Revenue Certificates of Participation, $25.015 million for the 2015 Senior Revenue Refunding Bonds Series A as well as $2.413 million to Holman Capital Corporation for the conversion of the Rabobank N.A. construction loan for the BLM building, and $2.856 million to BVAA Compass Bank Line of Credit for the Regional Urban Water Augmentation Project as of September 30, 2021.

Environmental Review Compliance: None required.

Financial Impact: _____Yes ___X___No Funding Source/Recap: None

Other Considerations: None

Material Included for Information/Consideration: Quarterly Financial Statements, Investments, and Debt Summary Statements.

Action Required: _____Resolution _____Motion ___X___Review

Board Action

Motion By_____ Seconded By_____No Action Taken_____

Ayes_____ Abstained_____

Noes_____ Absent_____

MARINA COAST WATER DISTRICT
INCOME STATEMENT
JULY 1, 2021 TO SEPTEMBER 30, 2021
(UNAUDITED)

CONSOLIDATED

	CURRENT QUARTER				YEAR-TO-DATE			
	2020/2021	2019/2020	$ VARIANCE	% VARIANCE	2020/2021	2019/2020	$ VARIANCE	% VARIANCE
REVENUES								
WATER SALES	3,130,134	2,806,026	324,108	11.55%	3,130,134	2,806,026	324,108	11.55%
SEWER SALES	983,062	936,832	46,230	4.93%	983,062	936,832	46,230	4.93%
INTEREST INCOME	11,952	42,657	(30,705)	(71.98%)	11,952	42,657	(30,705)	(71.98%)
OTHER REVENUE	170,192	111,865	58,327	52.14%	170,192	111,865	58,327	52.14%
TOTAL REVENUES	4,295,340	3,897,380	397,960	10.21%	4,295,340	3,897,380	397,960	10.21%
EXPENSES								
ADMINISTRATIVE	1,440,610	1,699,760	(259,150)	(15.25%)	1,440,610	1,699,760	(259,150)	(15.25%)
OPERATING & MAINTENANCE	1,059,685	976,547	83,138	8.51%	1,059,685	976,547	83,138	8.51%
LABORATORY	21,688	18,063	3,625	20.07%	21,688	18,063	3,625	20.07%
CONSERVATION	53,808	59,574	(5,766)	(9.68%)	53,808	59,574	(5,766)	(9.68%)
ENGINEERING	174,961	250,335	(75,374)	(30.11%)	174,961	250,335	(75,374)	(30.11%)
WATER RESOURCES	271,961	242,709	29,252	12.05%	271,961	242,709	29,252	12.05%
INTEREST EXPENSE	71,311	79,835	(8,524)	(10.68%)	71,311	79,835	(8,524)	(10.68%)
FRANCHISE FEE	42,477	37,285	5,192	13.93%	42,477	37,285	5,192	13.93%
TOTAL EXPENSES	3,136,501	3,364,108	(227,607)	(6.77%)	3,136,501	3,364,108	(227,607)	(6.77%)
NET GAIN (LOSS) FROM OPERATIONS	1,158,839	533,272	625,567	117.31%	1,158,839	533,272	625,567	117.31%
CAPACITY FEE/ CAPITAL SURCHARGE	611,797	206,108	405,689	196.83%	611,797	206,108	405,689	196.83%
CONTRIBUTIONS/ GRANT REVENUE	217,730	0	217,730	100.00%	217,730	0	217,730	100.00%
NON-OPERATING REVENUE	77,830	77,608	222	0.29%	77,830	77,608	222	0.29%
CAPITAL IMPROVEMENT PROJECT	3,889,527	2,438,855	1,450,672	59.48%	3,889,527	2,438,855	1,450,672	59.48%
DEVELOPER REVENUE	384,764	63,450	321,314	506.41%	384,764	63,450	321,314	506.41%
DEVELOPER EXPENSES	349,110	56,596	292,514	516.85%	349,110	56,596	292,514	516.85%

MARINA COAST WATER DISTRICT
STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND BALANCES
JULY 1, 2021 TO SEPTEMBER 30, 2021
(UNAUDITED)

CONSOLIDATED

	MW FUND		MS FUND		OW FUND		OS FUND		RW FUND		CONSOLIDATED		CONSOLIDATED (YTD)	
	ACTUAL	BUDGET	ACTUAL	BUDGET	ACTUAL	BUDGET	ACTUAL	BUDGET	ACTUAL	BUDGET	ACTUAL	BUDGET	ACTUAL	BUDGET
REVENUES														
WATER SALES	839,372	1,177,988	0	0	2,290,762	2,102,001	0	0	0	112,447	3,130,134	3,392,436	3,130,134	3,392,436
SEWER SALES	0	0	274,372	374,398	0	0	708,690	820,592	0	0	983,062	1,194,990	983,062	1,194,990
INTEREST INCOME	2,315	7,050	542	3,060	6,581	18,475	2,514	6,034	0	50	11,952	34,669	11,952	34,669
OTHER REVENUE	8,985	13,440	261	860	151,067	144,707	9,879	3,340	0	0	170,192	162,347	170,192	162,347
TOTAL REVENUES	850,672	1,198,478	275,175	378,318	2,448,410	2,265,183	721,083	829,966	0	112,497	4,295,340	4,784,442	4,295,340	4,784,442
EXPENSES														
ADMINISTRATIVE	351,182	460,727	44,691	53,432	905,147	1,125,887	112,925	138,742	26,665	213,588	1,440,610	1,992,376	1,440,610	1,992,376
OPERATING & MAINTENANCE	269,484	304,523	96,146	135,097	525,333	546,908	160,112	201,603	8,610	37,299	1,059,685	1,225,430	1,059,685	1,225,430
LABORATORY	6,800	16,349	0	0	14,478	40,025	0	0	410	0	21,688	56,374	21,688	56,374
CONSERVATION	20,224	36,746	0	0	33,584	72,776	0	0	0	0	53,808	109,522	53,808	109,522
ENGINEERING	43,277	71,669	8,647	14,842	100,244	169,923	22,443	39,464	350	23,750	174,961	319,648	174,961	319,648
WATER RESOURCES	108,965	109,710	0	0	162,996	164,565	0	0	0	0	271,961	274,275	271,961	274,275
INTEREST EXPENSE	17,254	84,370	4,930	37,722	30,812	225,725	8,627	124,117	9,688	87,188	71,311	559,122	71,311	559,122
FRANCHISE FEE	0	0	0	0	31,617	30,426	10,860	10,284	0	0	42,477	40,710	42,477	40,710
TOTAL EXPENSES	817,186	1,084,094	154,414	241,093	1,804,211	2,376,235	314,967	514,210	45,723	361,825	3,136,501	4,577,457	3,136,501	4,577,457
NET GAIN (LOSS) FROM OPERATIONS	33,486	114,384	120,761	137,225	644,199	(111,052)	406,116	315,756	(45,723)	(249,328)	1,158,839	206,985	1,158,839	206,985
CAPACITY FEE/ CAPITAL SURCHARGE	0	122,425	(233)	49,481	473,164	704,000	138,866	181,250	0	0	611,797	1,057,156	611,797	1,057,156
CONTRIBUTIONS/ GRANT REVENUE	87,092	71,059	0	0	130,638	106,588	0	0	0	0	217,730	177,647	217,730	177,647
NON-OPERATING REVENUE	21,793	23,878	6,226	6,822	38,915	42,638	10,896	11,939	0	0	77,830	85,277	77,830	85,277
CAPITAL IMPROVEMENT PROJECT	281,905	0	25,223	0	452,516	0	1,185,140	0	1,944,743	0	3,889,527	0	3,889,527	0
DEVELOPER REVENUE	228,075	7,500	3,262	1,000	67,627	50,000	85,800	25,000	0	0	384,764	83,500	384,764	83,500
DEVELOPER EXPENSES	208,501	13,375	180	2,500	64,059	89,500	76,370	8,500	0	0	349,110	113,875	349,110	113,875

MARINA COAST WATER DISTRICT
INCOME STATEMENT
JULY 1, 2021 TO SEPTEMBER 30, 2021
(UNAUDITED)

MARINA WATER FUND

	CURRENT QUARTER				YEAR-TO-DATE			
	ACTUAL	BUDGET	$ VARIANCE	% VARIANCE	ACTUAL	BUDGET	$ VARIANCE	% VARIANCE
REVENUES								
WATER SALES	839,372	1,177,988	(338,616)	(28.75%)	839,372	1,177,988	(338,616)	(28.75%)
SEWER SALES	0	0	0	0.00%	0	0	0	0.00%
INTEREST INCOME	2,315	7,050	(4,735)	(67.16%)	2,315	7,050	(4,735)	(67.16%)
OTHER REVENUE	8,985	13,440	(4,455)	(33.15%)	8,985	13,440	(4,455)	(33.15%)
TOTAL REVENUES	850,672	1,198,478	(347,806)	(29.02%)	850,672	1,198,478	(347,806)	(29.02%)
EXPENSES								
ADMINISTRATIVE	351,182	460,727	(109,545)	(23.78%)	351,182	460,727	(109,545)	(23.78%)
OPERATING & MAINTENANCE	269,484	304,523	(35,039)	(11.51%)	269,484	304,523	(35,039)	(11.51%)
LABORATORY	6,800	16,349	(9,549)	(58.41%)	6,800	16,349	(9,549)	(58.41%)
CONSERVATION	20,224	36,746	(16,522)	(44.96%)	20,224	36,746	(16,522)	(44.96%)
ENGINEERING	43,277	71,669	(28,392)	(39.62%)	43,277	71,669	(28,392)	(39.62%)
WATER RESOURCES	108,965	109,710	(745)	(0.68%)	108,965	109,710	(745)	(0.68%)
INTEREST EXPENSE	17,254	84,370	(67,116)	(79.55%)	17,254	84,370	(67,116)	(79.55%)
FRANCHISE/MEMBERSHIP FEES	0	0	0	0.00%	0	0	0	0.00%
TOTAL EXPENSES	817,186	1,084,094	(266,908)	(24.62%)	817,186	1,084,094	(266,908)	(24.62%)
NET GAIN (LOSS) FROM OPERATIONS	33,486	114,384	(80,898)	(70.72%)	33,486	114,384	(80,898)	(70.72%)
CAPACITY FEE/ CAPITAL SURCHARGE	0	122,425	(122,425)	(100.00%)	0	122,425	(122,425)	(100.00%)
CONTRIBUTIONS/ GRANT REVENUE	87,092	71,059	16,033	22.56%	87,092	71,059	16,033	22.56%
NON-OPERATING REVENUE	21,793	23,878	(2,085)	(8.73%)	21,793	23,878	(2,085)	(8.73%)
CAPITAL IMPROVEMENT PROJECT	281,905	0	281,905	100.00%	281,905	0	281,905	100.00%
DEVELOPER REVENUE	228,075	7,500	220,575	2941.00%	228,075	7,500	220,575	2941.00%
DEVELOPER EXPENSES	208,501	13,375	195,126	1458.89%	208,501	13,375	195,126	1458.89%

MARINA COAST WATER DISTRICT
INCOME STATEMENT
JULY 1, 2021 TO SEPTEMBER 30, 2021
(UNAUDITED)

MARINA SEWER FUND

	CURRENT QUARTER				YEAR-TO-DATE			
	ACTUAL	BUDGET	$ VARIANCE	% VARIANCE	ACTUAL	BUDGET	$ VARIANCE	% VARIANCE
REVENUES								
WATER SALES	0	0	0	0.00%	0	0	0	0.00%
SEWER SALES	274,372	374,398	(100,026)	(26.72%)	274,372	374,398	(100,026)	(26.72%)
INTEREST INCOME	542	3,060	(2,518)	(82.29%)	542	3,060	(2,518)	(82.29%)
OTHER REVENUE	261	860	(599)	(69.65%)	261	860	(599)	(69.65%)
TOTAL REVENUES	275,175	378,318	(103,143)	(27.26%)	275,175	378,318	(103,143)	(27.26%)
EXPENSES								
ADMINISTRATIVE	44,691	53,432	(8,741)	(16.36%)	44,691	53,432	(8,741)	(16.36%)
OPERATING & MAINTENANCE	96,146	135,097	(38,951)	(28.83%)	96,146	135,097	(38,951)	(28.83%)
LABORATORY	0	0	0	0.00%	0	0	0	0.00%
CONSERVATION	0	0	0	0.00%	0	0	0	0.00%
ENGINEERING	8,647	14,842	(6,195)	(41.74%)	8,647	14,842	(6,195)	(41.74%)
WATER RESOURCES	0	0	0	0.00%	0	0	0	0.00%
INTEREST EXPENSE	4,930	37,722	(32,792)	(86.93%)	4,930	37,722	(32,792)	(86.93%)
FRANCHISE/MEMBERSHIP FEES	0	0	0	0.00%	0	0	0	0.00%
TOTAL EXPENSES	154,414	241,093	(86,679)	(35.95%)	154,414	241,093	(86,679)	(35.95%)
NET GAIN (LOSS) FROM OPERATIONS	120,761	137,225	(16,464)	(12.00%)	120,761	137,225	(16,464)	(12.00%)
CAPACITY FEE/ CAPITAL SURCHARGE	(233)	49,481	(49,714)	(100.47%)	(233)	49,481	(49,714)	(100.47%)
CONTRIBUTIONS/ GRANT REVENUE	0	0	0	0.00%	0	0	0	0.00%
NON-OPERATING REVENUE	6,226	6,822	(596)	(8.74%)	6,226	6,822	(596)	(8.74%)
CAPITAL IMPROVEMENT PROJECT	25,223	0	25,223	100.00%	25,223	0	25,223	100.00%
DEVELOPER REVENUE	3,262	1,000	2,262	226.20%	3,262	1,000	2,262	226.20%
DEVELOPER EXPENSES	180	2,500	(2,320)	(92.80%)	180	2,500	(2,320)	(92.80%)

MARINA COAST WATER DISTRICT
INCOME STATEMENT
JULY 1, 2021 TO SEPTEMBER 30, 2021
(UNAUDITED)

ORD COMMUNITY WATER FUND

	CURRENT QUARTER				YEAR-TO-DATE			
	ACTUAL	BUDGET	$ VARIANCE	% VARIANCE	ACTUAL	BUDGET	$ VARIANCE	% VARIANCE
REVENUES								
WATER SALES	2,290,762	2,102,001	188,761	8.98%	2,290,762	2,102,001	188,761	8.98%
SEWER SALES	0	0	0	0.00%	0	0	0	0.00%
INTEREST INCOME	6,581	18,475	(11,894)	(64.38%)	6,581	18,475	(11,894)	(64.38%)
OTHER REVENUE	151,067	144,707	6,360	4.40%	151,067	144,707	6,360	4.40%
TOTAL REVENUES	2,448,410	2,265,183	183,227	8.09%	2,448,410	2,265,183	183,227	8.09%
EXPENSES								
ADMINISTRATIVE	905,147	1,125,887	(220,740)	(19.61%)	905,147	1,125,887	(220,740)	(19.61%)
OPERATING & MAINTENANCE	525,333	546,908	(21,575)	(3.94%)	525,333	546,908	(21,575)	(3.94%)
LABORATORY	14,478	40,025	(25,547)	(63.83%)	14,478	40,025	(25,547)	(63.83%)
CONSERVATION	33,584	72,776	(39,192)	(53.85%)	33,584	72,776	(39,192)	(53.85%)
ENGINEERING	100,244	169,923	(69,679)	(41.01%)	100,244	169,923	(69,679)	(41.01%)
WATER RESOURCES	162,996	164,565	(1,569)	(0.95%)	162,996	164,565	(1,569)	(0.95%)
INTEREST EXPENSE	30,812	225,725	(194,913)	(86.35%)	30,812	225,725	(194,913)	(86.35%)
FRANCHISE/MEMBERSHIP FEES	31,617	30,426	1,191	3.91%	31,617	30,426	1,191	3.91%
TOTAL EXPENSES	1,804,211	2,376,235	(572,024)	(24.07%)	1,804,211	2,376,235	(572,024)	(24.07%)
NET GAIN (LOSS) FROM OPERATIONS	644,199	(111,052)	755,251	(680.09%)	644,199	(111,052)	755,251	(680.09%)
CAPACITY FEE/ CAPITAL SURCHARGE	473,164	704,000	(230,836)	(32.79%)	473,164	704,000	(230,836)	(32.79%)
CONTRIBUTIONS/ GRANT REVENUE	130,638	106,588	24,050	22.56%	130,638	106,588	24,050	22.56%
NON-OPERATING REVENUE	38,915	42,638	(3,723)	(8.73%)	38,915	42,638	(3,723)	(8.73%)
CAPITAL IMPROVEMENT PROJECT	452,516	0	452,516	100.00%	452,516	0	452,516	100.00%
DEVELOPER REVENUE	67,627	50,000	17,627	35.25%	67,627	50,000	17,627	35.25%
DEVELOPER EXPENSES	64,059	89,500	(25,441)	(28.43%)	64,059	89,500	(25,441)	(28.43%)

MARINA COAST WATER DISTRICT
INCOME STATEMENT
JULY 1, 2021 TO SEPTEMBER 30, 2021
(UNAUDITED)

ORD COMMUNITY SEWER FUND

	CURRENT QUARTER				YEAR-TO-DATE			
	ACTUAL	BUDGET	$ VARIANCE	% VARIANCE	ACTUAL	BUDGET	$ VARIANCE	% VARIANCE
REVENUES								
WATER SALES	0	0	0	0.00%	0	0	0	0.00%
SEWER SALES	708,690	820,592	(111,902)	(13.64%)	708,690	820,592	(111,902)	(13.64%)
INTEREST INCOME	2,514	6,034	(3,520)	(58.34%)	2,514	6,034	(3,520)	(58.34%)
OTHER REVENUE	9,879	3,340	6,539	195.78%	9,879	3,340	6,539	195.78%
TOTAL REVENUES	721,083	829,966	(108,883)	(13.12%)	721,083	829,966	(108,883)	(13.12%)
EXPENSES								
ADMINISTRATIVE	112,925	138,742	(25,817)	(18.61%)	112,925	138,742	(25,817)	(18.61%)
OPERATING & MAINTENANCE	160,112	201,603	(41,491)	(20.58%)	160,112	201,603	(41,491)	(20.58%)
LABORATORY	0	0	0	0.00%	0	0	0	0.00%
CONSERVATION	0	0	0	0.00%	0	0	0	0.00%
ENGINEERING	22,443	39,464	(17,021)	(43.13%)	22,443	39,464	(17,021)	(43.13%)
WATER RESOURCES	0	0	0	0.00%	0	0	0	0.00%
INTEREST EXPENSE	8,627	124,117	(115,490)	(93.05%)	8,627	124,117	(115,490)	(93.05%)
FRANCHISE/MEMBERSHIP FEES	10,860	10,284	576	5.60%	10,860	10,284	576	5.60%
TOTAL EXPENSES	314,967	514,210	(199,243)	(38.75%)	314,967	514,210	(199,243)	(38.75%)
NET GAIN (LOSS) FROM OPERATIONS	406,116	315,756	90,360	28.62%	406,116	315,756	90,360	28.62%
CAPACITY FEE/ CAPITAL SURCHARGE	138,866	181,250	(42,384)	(23.38%)	138,866	181,250	(42,384)	(23.38%)
CONTRIBUTIONS/ GRANT REVENUE	0	0	0	0.00%	0	0	0	0.00%
NON-OPERATING REVENUE	10,896	11,939	(1,043)	(8.74%)	10,896	11,939	(1,043)	(8.74%)
CAPITAL IMPROVEMENT PROJECT	1,185,140	0	1,185,140	100.00%	1,185,140	0	1,185,140	100.00%
DEVELOPER REVENUE	85,800	25,000	60,800	243.20%	85,800	25,000	60,800	243.20%
DEVELOPER EXPENSES	76,370	8,500	67,870	798.47%	76,370	8,500	67,870	798.47%

MARINA COAST WATER DISTRICT
INCOME STATEMENT
JULY 1, 2021 TO SEPTEMBER 30, 2021
(UNAUDITED)

RECYCLED WATER FUND

	CURRENT QUARTER				YEAR-TO-DATE			
	ACTUAL	BUDGET	$ VARIANCE	% VARIANCE	ACTUAL	BUDGET	$ VARIANCE	% VARIANCE
REVENUES								
WATER SALES	0	112,447	(112,447)	(100.00%)	0	112,447	(112,447)	(100.00%)
SEWER SALES	0	0	0	0.00%	0	0	0	0.00%
INTEREST INCOME	0	50	(50)	(100.00%)	0	50	(50)	(100.00%)
OTHER REVENUE	0	0	0	0.00%	0	0	0	0.00%
TOTAL REVENUES	0	112,497	(112,497)	(100.00%)	0	112,497	(112,497)	(100.00%)
EXPENSES								
ADMINISTRATIVE	26,665	213,588	(186,923)	(87.52%)	26,665	213,588	(186,923)	(87.52%)
OPERATING & MAINTENANCE	8,610	37,299	(28,689)	(76.92%)	8,610	37,299	(28,689)	(76.92%)
LABORATORY	410	0	410	100.00%	410	0	410	100.00%
CONSERVATION	0	0	0	0.00%	0	0	0	0.00%
ENGINEERING	350	23,750	(23,400)	(98.53%)	350	23,750	(23,400)	(98.53%)
WATER RESOURCES	0	0	0	0.00%	0	0	0	0.00%
INTEREST EXPENSE	9,688	87,188	(77,500)	(88.89%)	9,688	87,188	(77,500)	(88.89%)
FRANCHISE FEE	0	0	0	0.00%	0	0	0	0.00%
TOTAL EXPENSES	45,723	361,825	(316,102)	(87.36%)	45,723	361,825	(316,102)	(87.36%)
NET GAIN (LOSS) FROM OPERATIONS	(45,723)	(249,328)	203,605	(81.66%)	(45,723)	(249,328)	203,605	(81.66%)
CAPACITY FEE/ CAPITAL SURCHARGE	0	0	0	0.00%	0	0	0	0.00%
CONTRIBUTIONS/ GRANT REVENUE	0	0	0	0.00%	0	0	0	0.00%
NON-OPERATING REVENUE	0	0	0	0.00%	0	0	0	0.00%
CAPITAL IMPROVEMENT PROJECT	1,944,743	0	1,944,743	100.00%	1,944,743	0	1,944,743	100.00%
DEVELOPER REVENUE	0	0	0	0.00%	0	0	0	0.00%
DEVELOPER EXPENSES	0	0	0	0.00%	0	0	0	0.00%

MARINA COAST WATER DISTRICT
SCHEDULE OF INVESTMENTS SUMMARY
JULY 1, 2021 TO SEPTEMBER 30, 2021
(UNAUDITED)

ACCOUNT	ACCT TYPE	YIELD APR	6/30/2021 BALANCE	QUARTERLY ACTIVITIES TRANSACTION TYPE	AMOUNT	9/30/2021 BALANCE
LAIF ACCOUNT		0.24%	16,874,905	INTEREST 07/15/2021	13,777	16,888,682
				TRANSFERS	0	**16,888,682**
SAVINGS ACCOUNT	MM	0.04%	1,074,997	INTEREST 07/01/21 - 09/30/21	108	1,075,105
				TRANSFERS	0	**1,075,105**
BUILDING REMOVAL FUND	MM	0.03%	977,912	INTEREST 07/01/21 - 09/30/21	74	977,986
				TRANSFERS	0	**977,986**
RESTRICTED FUNDS	MM	0.15%	1,080,585	INTEREST 07/01/21 - 09/30/21	409	1,080,994
				TRANSFERS	0	**1,080,994**
RUWAP LOC PROCEEDS	CK		4,505	DEPOSITS	1,826,640	1,831,145
				TRANSFERS	(816,649)	1,014,496
				FEES	(73)	**1,014,423**
CHECKING ACCOUNT	CK		777,578	QUARTERLY DEPOSITS & CREDITS	5,969,303	6,746,881
				QUARTERLY CHECKS & DEBITS	(7,023,670)	(276,789)
				TRANSFERS	2,384,263	**2,107,474**

SUMMARY	As of September 30 2020	2021
LAIF ACCOUNT	17,192,671	16,888,682
SAVINGS ACCOUNT	274,891	1,075,105
CPFCA DEPOSIT ACCOUNT	100,567	0
BUILDING REMOVAL FUND	977,692	977,986
RESTRICTED FUNDS	1,079,263	1,080,994
RUWAP LOC PROCEEDS	4,750	1,014,423
CHECKING ACCOUNT	1,649,464	2,107,474
TOTAL INVESTMENT	**21,279,298**	**23,144,664**

RESERVES DETAIL (LAIF ACCOUNT)	As of September 30 2020	2021
MW GEN OP RESERVE	854,064	678,987
MW CAPACITY REVENUE FUND	1,290,258	1,277,241
MW CAP REPL RESERVE FUND	1,165,888	1,372,614
MS GEN OP RESERVE	296,178	235,025
MS CAPACITY REVENUE FUND	201,853	165,728
MS CAP REPL RESERVE FUND	200,753	301,965
OW GEN OP RESERVE	1,782,301	1,122,765
OW CAPITAL/CAPACITY REVENUE FUND	7,630,311	8,142,667
OW CAP REPL RESERVE FUND	165,508	366,603
OS GEN OP RESERVE	1,089,496	1,088,119
OS CAPITAL/CAPACITY REVENUE FUND	2,453,976	1,974,452
OS CAP REPL RESERVE FUND	62,086	162,517
TOTAL	**17,192,672**	**16,888,682**

MARINA COAST WATER DISTRICT
SCHEDULE OF INVESTMENTS SUMMARY - BOND PROCEEDS
JULY 1, 2021 TO SEPTEMBER 30, 2021
(UNAUDITED)

ACCOUNT	ACCT TYPE	YIELD APR	6/30/2021 BALANCE	QUARTERLY ACTIVITIES TRANSACTION TYPE	AMOUNT	9/30/2021 BALANCE
PROJECT FUND	MM	0.04%	16,805,117	INTEREST 07/01/21 - 09/30/21	1,077	16,806,194
2019 SERIES BOND				TRANSFERS	(1,567,614)	**15,238,580**

MARINA COAST WATER DISTRICT
SCHEDULE OF DEBT SUMMARY
JULY 1, 2021 TO SEPTEMBER 30, 2021
(UNAUDITED)

PRINCIPAL AMOUNT	FIRST PAYMENT	FINAL PAYMENT	RATE	6/30/2021 BALANCE	QUARTERLY ACTIVITIES TRANSACTION TYPE	AMOUNT	9/30/2021 BALANCE
HCC - BLM INSTALLMENT LOAN							
2,799,880	07/20/2017	01/20/2037	5.750%	2,461,718	PAYMENT - PRINCIPAL	(47,920)	**2,413,798**
					INTEREST PAYMENT	(70,774)	
2015 SERIES A REFUNDING BOND - CLOSING DATE 07/15/2015							
29,840,000	12/01/2015	06/01/2037	3.712%	25,015,000	PAYMENT - PRINCIPAL	0	**25,015,000**
					INTEREST PAYMENT	0	
2019 SERIES REVENUE BOND - CLOSING DATE 12/19/2019							
17,725,000	06/01/2020	06/01/2049	2.990%	17,270,000	PAYMENT - PRINCIPAL	0	**17,270,000**
					INTEREST PAYMENT	0	
BVAA COMPASS RUWAP LOC							
		03/31/2022	2.040% *	1,029,621	ADVANCES	1,826,640	2,856,261
					PAYMENT - PRINCIPAL	0	**2,856,261**
					INTEREST PAYMENT	(9,688)	

*Line of Credit interest calculated on a variable basis (79.01% of the 30-Day Monthly LIBOR plus 1.25%). Amount represents interest rate at 09/01/2021.

SUMMARY

HCC - BLM INSTALLMENT LOAN	2,413,798
2015 REFUNDING BOND SERIES A	25,015,000
2019 SERIES REVENUE BOND	17,270,000
BVAA COMPASS RUWAP LOC	2,856,261
TOTAL DEBT	**47,555,059**

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Marina Coast Water District
Agenda Transmittal

Agenda Item: 8-C Meeting Date: January 19, 2022

Prepared By: Paula Riso Approved By: Remleh Scherzinger

Agenda Title: Approve the Draft Minutes of the Regular Joint Board/GSA Meeting of December 13, 2021

Staff Recommendation: The Board of Directors approve the draft minutes of the December 13, 2021 regular joint Board meeting.

Background: *Strategic Plan, Mission Statement – We Provide high quality water, wastewater collection and conservation services at a reasonable cost, through planning, management and the development of water resources in an environmentally sensitive manner.*

Discussion/Analysis: The draft minutes of December 13, 2021 are provided for the Board to consider approval.

Environmental Review Compliance: None required.

Financial Impact: _____Yes ___X___No Funding Source/Recap: None

Other Considerations: The Board can suggest changes/corrections to the minutes.

Material Included for Information/Consideration: Draft minutes of December 13, 2021.

Action Required: _____Resolution ___X___Motion _____Review

Board Action

Motion By_____ Seconded By_____ No Action Taken_____

Ayes_____ Abstained_____

Noes_____ Absent_____

Marina Coast Water District

Regular Board Meeting/Groundwater Sustainability Agency Board Meeting
Via Zoom Teleconference
December 13, 2021

Draft Minutes

1. Call to Order:

President Shriner called the meeting to order at 6:30 p.m. on November 15, 2021 via Zoom teleconference in Marina, California. She then proceeded with a land acknowledgement. "As Marina Coast Water District celebrates its 60th year providing publicly owned water service to its customers in Marina and the Ord Community, we acknowledge that our service are is located on the traditional lands of the Esselen people. They are known today as the Ohlone/Constanoan-Esselen Nation. We respect their elders, past, present, and emerging, for they hold the memories, traditions, culture, and hopes of the Esselen people. We also acknowledge the government of the Ohlone/Coastanoan Esselen Nation and appreciate the spiritual role it plays today in preserving the cultural, historical and heritage beliefs of the Esselen people. We are grateful that they share their traditional lands with us."

2. Roll Call:

Board Members Present:

Jan Shriner– President
Thomas P. Moore – Vice President
Herbert Cortez
Gail Morton
Matt Zefferman

Board Members Absent:

None

Staff Members Present:

Remleh Scherzinger, General Manager
Roger Masuda, District Counsel
Kelly Cadiente, Director of Administrative Services
Derek Cray, Operations and Maintenance Manager
Patrick Breen, Water Resources Manager
Rose Gill, Human Resources/Risk Administrator
Paul Lord, Water Conservation Specialist
Teo Espero, IT Administrator
Paula Riso, Executive Assistant/Clerk to the Board

Agenda Item 2 (continued):

Audience Members:

Andy Sterbenz, Schaaf & Wheeler
Ken Pun, The Pun Group
Peter Le, Marina Resident
Laura Jensen, California Water Commission
Phil Clark, Seaside Resident/WCC Commissioner

3. Election of Board President and Vice President for 2022:

Vice President Moore nominated President Shriner to continue as Board President for 2022. Director Zefferman seconded the nomination. The nomination was passed by the following vote:

Director Cortez	-	Yes	Vice President Moore	-	Yes
Director Morton	-	Yes	President Shriner	-	Yes
Director Zefferman	-	Yes			

Director Zefferman nominated Director Cortez for Vice President. Vice President Moore seconded the nomination. The nomination was passed by the following vote:

Director Cortez	-	Yes	Vice President Moore	-	Yes
Director Morton	-	Yes	President Shriner	-	Yes
Director Zefferman	-	Yes			

4. Public Comment on Closed Session Items:

There were no comments made.

The Board entered into closed session at 6:37 p.m. to discuss the following items:

5. Closed Session:

   A. Pursuant to Government Code 54956.9
      Conference with Legal Counsel – Existing Litigation
      City of Marina vs. RMC Lonestar [CEMEX], California-American Water Company, Marina Coast WD, et al Defendants, Monterey County Superior Court Caser No. 20CV001387 (Complaint for Breach of Contract, Declaratory Relief under the Agency Act, and Tortious Interference with Existing Contract)

   B. Conference with Legal Counsel – Anticipated Litigation
      Significant exposure to litigation pursuant to subdivision (b) of Section 54956.0
      1-Case

The Board ended closed session at 7:34 p.m. President Shriner reconvened the meeting to open session at 7:36 p.m.

6. Reportable Actions Taken During Closed Session:

Mr. Roger Masuda, District Counsel, verified that there were no reportable actions taken in Closed Session.

7. Pledge of Allegiance:

Director Morton led everyone present in the pledge of allegiance.

8. Oral Communications:

Mr. Peter Le, Marina resident, commented that he had submitted his comments in written format to the entire Board and General Manager and noted he hadn't received any response as of today.

Ms. Paula Riso, Executive Assistant/Clerk to the Board, noted that Mr. Le had provided written comments and they were on file with the District.

9. Presentation

A. Receive a Presentation from Laura Jensen, California Water Commission, Regarding Groundwater Trading:

Ms. Laura Jensen, Assistant Executive Officer with the California Water Commission, introduced this item and gave a brief presentation on groundwater trading. She reviewed how trading would take place and the rules behind the trading. Ms. Jensen discussed the role the State plays in the trading and noted that a draft white paper is anticipated in January with a final one in March. The Board asked clarifying questions.

10. Consent Calendar:

Director Moore made a motion to approve the Consent Calendar consisting of: A) Receive and File the Check Register for the Month of November 2021; B) Receive the Quarterly Financial Statements for April 1, 2021 to June 30, 2021; C) Approve the Revised Draft Minutes of the Regular Joint Board Meeting of October 18, 2021; D) Approve the Draft Minutes of the Regular Joint Board Meeting of November 15, 2021; E) Receive the Validated 2020 Water Loss Audit Report and Level 1 Validation Document; F) Consider Approving the Proposed Regular Board/GSA Meeting and Workshop Meeting Schedule for 2022; and, G) Adopt Resolution No. 2021-58 to Proclaim a Local Emergency, and Authorize Remote Teleconference Meetings of All District Legislative Bodies for the Following 30 Days. Director Zefferman seconded the motion.

Agenda Item 10 (continued):

The motion was passed by the following vote:

Director Moore	-	Yes	Vice President Cortez	-	Yes
Director Morton	-	Yes	President Shriner	-	Yes
Director Zefferman	-	Yes			

11. Action Items:

A. Accept the Annual Comprehensive Financial Report and the Independent Auditor's Report for the Fiscal Year ended June 30, 2021:

Ms. Cadiente introduced this item and Mr. Ken Pun, The Pun Group. The Board asked clarifying questions.

Director Moore made a motion to Accept the Annual Comprehensive Financial Report and the Independent Auditor's Report for the Fiscal Year ended June 30, 2021 with the correction to the title on page 76. Director Morton seconded the motion. The motion was passed by the following vote:

Director Moore	-	Yes	Vice President Cortez	-	Yes
Director Morton	-	Yes	President Shriner	-	Yes
Director Zefferman	-	Yes			

B. Make Director Appointments to Standing Committees of the Board and to Outside Agencies for 2022, and as Negotiators to any Ad Hoc Committees of the Board:

Following discussion, President Shriner suggested the following appointments for 2022:

1.	Water Conservation Commission	Zefferman - Shriner as Alternate
2.	Joint City/District Committee	Morton, Zefferman – Moore as Alternate
3.	Executive Committee	Shriner, Cortez
4.	Budget and Personnel	Morton, Shriner – Cortez as Alternate
5.	Community Outreach	Moore, Zefferman – Cortez as Alternate

Current appointments to outside agencies:

1.	M1W	Moore – Zefferman as Alternate
2.	LAFCO	Cortez – Zefferman as Alternate
3.	JPIA	Morton – Cortez as Alternate
4.	SDA	Moore – Shriner, Morton, Zefferman and Cortez as Alternates
5.	MCWD/SVBGSA Steering Committee	Morton – Zefferman as Alternate

Agenda Item 11-B (continued):

Director Moore made a motion to approve the Committee appointments. Director Morton seconded the motion. The motion was passed by the following vote:

Director Moore	-	Yes	Vice President Cortez	-	Yes
Director Morton	-	Yes	President Shriner	-	Yes
Director Zefferman	-	Yes			

Mr. Phil Clark, Seaside Resident/WCC Commissioner, commented that he would like to see the Water Conservation Commission meetings resume and noted that the Conservation Commission members have attended the Rotary and the Monterey County Fair.

12. Staff Report:

A. Receive an Update on the Fiscal Impacts to the District due to Covid-19:

Ms. Cadiente introduced this item and noted that the arrearages program application has been submitted and the District is in line to receive approximately $106,000 from the State.

13. Informational Items:

A. General Manager's Report:

Mr. Scherzinger gave the following updates:

1) MCWD is working with the Marina City Council to set up a presentation in January or February, to look at the water and fire system and also have the Fire Chief there help address questions and explain the ISO rating;
2) the Groundwater Sustainability Plan final publication is out and on the District website;
3) the District's new and improved website is up and running;
4) the SVBGSA and Monterey County summit is on the way in February;
5) the BRAC will provide a presentation on PFAS.

B. Counsel's Report:

Mr. Masuda commended Mr. Breen and the EKI team for working so hard on finalizing the Groundwater Sustainability Plan.

C. Committee and Board Liaison Reports:

1. Executive Committee:

Director Moore stated the next meeting is January 4th. President Shriner gave a brief update.

2. Community Outreach Committee:

Vice President Cortez and Director Zefferman gave a brief update.

3. Budget and Personnel Committee:

Vice President Cortez gave a brief update.

4. M1W Board Member:

Director Moore gave a brief update and noted that the next meeting is January 31, 2022.

5. LAFCO Liaison:

Vice President Cortez stated there was no update.

8. JPIA Liaison:

14. Board Member Requests for Future Agenda Items:

President Shriner stated that any requests may be emailed to staff.

15. Director's Comments:

Director Moore, Director Zefferman, Director Morton, Vice President Cortez, and President Shriner made comments.

16. Adjournment:

The meeting was adjourned at 9:24 p.m.

APPROVED:

_____
Jan Shriner, President

ATTEST:

_____
Paula Riso, Deputy Secretary

Return to Agenda

Marina Coast Water District
Agenda Transmittal

Agenda Item: 8-D Meeting Date: January 19, 2022

Prepared By: Paula Riso Approved By: Remleh Scherzinger

Agenda Title: Approve the Draft Minutes of the Special Joint Board/GSA Meeting of January 4, 2022

Staff Recommendation: The Board of Directors approve the draft minutes of the January 4, 2022 special joint Board meeting.

Background: *Strategic Plan, Mission Statement – We Provide high quality water, wastewater collection and conservation services at a reasonable cost, through planning, management and the development of water resources in an environmentally sensitive manner.*

Discussion/Analysis: The draft minutes of January 4, 2022 are provided for the Board to consider approval.

Environmental Review Compliance: None required.

Financial Impact: _____Yes ___X___No Funding Source/Recap: None

Other Considerations: The Board can suggest changes/corrections to the minutes.

Material Included for Information/Consideration: Draft minutes of January 4, 2022.

Action Required: _____Resolution ___X___Motion _____Review

Board Action

Motion By_____ Seconded By_____ No Action Taken_____

Ayes_____ Abstained_____

Noes_____ Absent_____

Marina Coast Water District

Special Board Meeting/Groundwater Sustainability Agency Board Meeting
Via Zoom Teleconference
January 4, 2022

Draft Minutes

1. Call to Order:

President Shriner called the meeting to order at 5:33 p.m. on January 4, 2022 via Zoom teleconference in Marina, California.

2. Roll Call:

Board Members Present:

Jan Shriner – President
Herbert Cortez – Vice President
Thomas P. Moore
Gail Morton

Board Members Absent:

Matt Zefferman

Staff Members Present:

Remleh Scherzinger, General Manager
Roger Masuda, District Counsel
Paula Riso, Executive Assistant/Clerk to the Board

Audience Members:

None.

3. Adopt Resolution No. 2022-01 to Proclaim a Local Emergency, and Authorize Remote Teleconference Meetings of All District Legislative Bodies for the Following 30 Days:

Director Moore made a motion to Adopt Resolution No. 2022-01 to Proclaim a Local Emergency, and Authorize Remote Teleconference Meetings of All District Legislative Bodies for the Following 30 Days. Director Morton seconded the motion. The motion was passed by the following vote:

Director Moore	-	Yes	Vice President Cortez	-	Yes
Director Morton	-	Yes	President Shriner	-	Yes
Director Zefferman	-	Absent			

4. Director's Comments:

Director Cortez and President Shriner made comments.

5. Adjournment:

The meeting was adjourned at 5:38 p.m.

APPROVED:

Jan Shriner, President

ATTEST:

Paula Riso, Deputy Secretary

Return to Agenda

Marina Coast Water District
Agenda Transmittal

Agenda Item: 9-A Meeting Date: January 19, 2022

Prepared By: Patrick Breen Approved By: Remleh Scherzinger

Agenda Title: Adopt Resolution No. 2022-02 to Find that the MCWD Sphere of Influence Amendment and Annexation for Monterey County A.P.N. (031-15-013; 018; 024; 029; 031; 032; 036-44; 054-056); (031-261-003; 004); and (031-152-011) is not subject to CEQA and is exempt from CEQA under CEQA Guidelines sections 15301 (Existing Facilities) and 15319 (Annexations of Existing Facilities and Lots for Exempt Facilities); and Direct Staff to File an Application for Annexation with the Local Agency Formation Commission

Staff Recommendation: The Board of Directors adopt Resolution No. 2022-02 to:

1. Find that the MCWD Sphere of Influence Amendment and Annexation for Monterey County A.P.N. (031-15-013; 018; 024; 029; 031; 032; 036-44; 054-056); (031-261-003; 004); and (031-152-011) is not subject to CEQA or in the alternative is exempt from CEQA under CEQA Guidelines sections 15301 (Existing Facilities) and 15319 (Annexations of Existing Facilities and Lots for Exempt Facilities); and,
2. Authorize the General Manager to file the MCWD Sphere of Influence Amendment and Annexation application with the Local Agency Formation Commission and to take all actions and execute all documents as may be necessary or appropriate to give effect to this resolution; and

Background: *Strategic Plan, 6.1 Annexation of the Ord Community – To ensure direct representation of the Ord Community in matters related to the District, we will work with Local Agency Formation Organization (LAFCO) to expand the District's Sphere of Influence and legal boundary to include the Ord Community. Additional care will be taken to ensure that existing cost centers remain separate so that the City of Marina and the Ord Community remain independent divisions within the District, supporting their individual infrastructure needs.*

On February 20, 2018, the MCWD Board of Directors adopted Resolution No. 2018-09, which adopted an Initial Study/Negative Declaration for the Ord Community Sphere of Influence Amendment and Annexation, found that the Ord Community Sphere of Influence Amendment and Annexation was not a project subject to the California Environmental Quality Act ("CEQA") and authorized filing an application with the Local Agency Formation Commission of Monterey County ("LAFCO") to update MCWD's Sphere of Influence ("SOI") and annex properties into MCWD's jurisdictional boundaries. Subsequent to the above findings, on September 17, 2018 MCWD entered into a Settlement Agreement with Landwatch and Keep Fort Ord Wild which modified MCWD's initial annexation proposal. MCWD's modified proposal was approved by LAFCO on April 22, 2019 (the "2019 Annexation" in Figure 1).

The current proposal seeks to amend MCWD's SOI and jurisdictional boundaries by annexing two sites which had ultimately been excluded from the 2019 Annexation: the Campus Town Specific Plan Project and the Parker Flats Apartment Project. The Campus Town Specific Plan Project consists of approximately 122.23 acres and is located generally in the northern section of the City

of Seaside. (See Figure 2). The Parker Flats Apartment Project consists of approximately 4.9 acres and is located 4386-4387 Parker Flats Cut Off Road, Seaside. (See Figure 3).

On March 5, 2020, the City of Seaside adopted Resolution No. 20-09, which certified the environment impact report, made findings pursuant to the Cal. Environmental Quality Act and adopted a mitigation monitoring and reporting program for the Campus Town project.

Discussion/Analysis: Annexation of these two territories located on the former Fort, areas which are provided water and wastewater services by MCWD, would provide improved governance for MCWD customers. Annexation provides an acceptable and fair governance structure for those customers who will receive water and wastewater service from the District.

See attached Draft LAFCO Application attached (Exhibit A).

MCWD's LAFCO annexation application is for water and wastewater services in areas that MCWD is currently obligated to serve, owns the water and wastewater infrastructure needed to serve these areas, and groundwater/wastewater treatment capacity for the subject parcels have been allocated. The proposed SOI amendment and annexation seeks to update the 2019 Annexation and include areas which have subsequently received approval and service entitlements from the appropriate land use jurisdiction, and is consistent with MCWD's Strategic Plans and policy to provide fuller opportunities to participate in governance.

As a general proposition, CEQA does not apply to actions, including boundary changes and other LAFCO decisions, that will not cause or lead to any physical changes in the environment. (See *Simi Valley Recreation & Park Dist. v. Local Agency Formation Com.* (1975) 51 Cal.App.3d 648; *City of Agoura Hills v. Local Agency Formation Com.* (1988) 198 Cal.App.3d 480.) Because these projects have already received entitlements for develop from the City of Seaside, seeking approval for a boundary adjustment would not cause any changes in the physical environment.

Moreover, the project fits within the categorical exemption for "Annexations of Existing Facilities and Lots for Exempt Facilities." (CEQA Guidelines, § 15319.) The annexation would include only areas containing existing public or private structures developed to the density allowed by current zoning and properties that have already received entitlements for development consistent with current zoning. Lastly, the project qualifies for the categorical exemption for Existing Facilities. (CEQA Guidelines, § 15301.) As explained in the IS/ND, the project would not change the service provided by MCWD or the facilities used to provide those services. (See *North Coast Rivers Alliance v. Westlands Water District* (2014) 227 Cal.App.4th 832.)

The proposed SOI amendment and annexation does not require the construction of new water or sewer infrastructure, and does not constitute an approval of a proposed development. The action of changing the District's Local Agency Formation Commission (LAFCO) boundaries, by itself, will not result in physical impacts on the environment as described herein. The proposed project involves no direct changes to the existing water and wastewater system and the associated system permits.

For these reasons, staff is therefore recommending the Board of Director adopt Resolution No. 2022-02 and find that the project is not subject to CEQA and in the alternative is exempt from CEQA, and authorize the filing of the subject application with Monterey LAFCO.

Other Considerations: Alternatively, if Board believes that additional time is necessary to evaluate the proposal, then the above actions may be considered at the next Board hearing.

Financial Impact: _____Yes __X___ No Funding Source/Recap: None

Material Included for Information/Consideration: Resolution No. 2022-02; Exhibit A: Draft LAFCO Application; Figure 1: MCWD LAFCO Map; Figure 2: Campus Town Proposed Annexation Area; and Figure 3: Parker Plats Proposed Annexation Area.

Action Required: ___X_____Resolution _____Motion _____Review
(Roll call vote is required.)

Board Action

Motion By_____ Seconded By_____ No Action Taken_____

Ayes_____ Abstained_____

Noes_____ Absent_____

January 19, 2022

Resolution No. 2022-02
Resolution of the Board of Directors
Marina Coast Water District
Authorizing Submission of Application for MCWD Sphere of Influence Amendment and Annexation of the Campus Town Specific Plan Project and the Parker Flats Apartment Project

RESOLVED by the Board of Directors ("Directors") of the Marina Coast Water District ("District" or "MCWD"), at a regular meeting duly called and held on January 19, 2022, via a videoconference pursuant to Governor Newsom's Executive Order N-29-20, as follows:

WHEREAS, the MCWD is a County Water District and political subdivision of the State of California, organized under Division 12, sections 3000 and following, of the California Water Code, established in 1960: and,

WHEREAS, the District provides water, wastewater and recycled water service to the former Fort Ord (Ord Community) and holds title to, and is the owner of, all of the water, sewer and recycled water infrastructure within the Ord Community; and,

WHEREAS, the District has made significant investment in the Ord Community in the form of water, wastewater and recycled water infrastructure, addition of staff and equipment, adoption of redevelopment standards and procedures, and the preparation of master plans and water supply project studies; and,

WHEREAS, on February 20, 2018, the MCWD Board of Directors adopted Resolution No. 2018-09, which adopted an Initial Study/Negative Declaration for the Ord Community Sphere of Influence Amendment and Annexation, found that the Ord Community Sphere of Influence Amendment and Annexation was not a project subject to the California Environmental Quality Act ("CEQA") and authorized filing an application with the Local Agency Formation Commission of Monterey County ("LAFCO") to update MCWD's Sphere of Influence ("SOI") and annex properties into MCWD's jurisdictional boundaries; and,

WHEREAS, on April 22, 2019, LAFCO approved MCWD's modified SOI and Annexation proposal (the "2019 Annexation"); and,

WHEREAS, Monterey County A.P.N.'s (031-15-013; 018; 024; 029; 031; 032; 036-44; 054-056); (031-261-003; 004); and (031-152-011) were excluded from the 2019 Annexation, but have subsequently received all required development approvals or entitlements from applicable land use jurisdictions, and now desire to be annexed into MCWD's jurisdictional boundaries; and,

WHEREAS, the proposed annexation, in and of itself, would have no impact on the environment with regards to future development, as the District would otherwise provide water and wastewater services to the area regardless of whether those areas were annexed; and,

WHEREAS, the District exercises no land use authority for the areas to be annexed, therefore the boundary modification cannot make any change whatsoever in the uses to which the affected area may be put; and,

WHEREAS, annexation of these parcels would provide improved governance for customers by virtue of their inclusion in the jurisdictional boundaries of the District for purposes of voting for, and being eligible to seek election to, the District's Board of Directors; and,

WHEREAS, MCWD's current SOI Amendment and Annexation proposal is not subject to the California Environmental Quality Act of 1970, as amended, ("CEQA") and the guidelines promulgated thereunder ("CEQA Guidelines") because it would not cause or lead to any change in the physical environment; and,

WHEREAS, MCWD's current SOI Amendment and Annexation proposal is categorically exempt from CEQA pursuant to CEQA Guidelines Section 15319, entitled "Annexations of Existing Facilities and Lots for Exempt Facilities" ("Class 19"); and,

WHEREAS, MCWD's current SOI Amendment and Annexation proposal is categorically exempt from CEQA pursuant to CEQA Guidelines Section 15301, entitled "Existing Facilities" ("Class 1").

NOW, THEREFORE, BE IT RESOLVED, that the MCWD Board of Directors, after consideration of the information contained in the January 19, 2022 Staff Report to the District Board, does hereby:

1. adopt Resolution No. 2022-02 adopting and approving submission of MCWD's current Sphere of Influence Amendment and Annexation; and,
2. find that MCWD's SOI Amendment and Annexation is not subject to CEQA and is exempt from CEQA under CEQA Guidelines sections 15301 (Existing Facilities), 15319 (Annexations of Existing Facilities and Lots for Exempt Facilities), and 15061; and,
3. authorize the General Manager to file a notice of Determination as soon as reasonably practical; and,
4. authorize the General Manager to file the SOI amendment and annexation application with LAFCO and to take all actions and execute all documents as may be necessary or appropriate to give effect to this resolution.

PASSED AND ADOPTED on January 19, 2022, by the Board of Directors of the Marina Coast Water District by the following roll call vote:

Ayes: Directors_____

Noes: Directors_____

Absent: Directors_____

Abstained: Directors_____

_____
Jan Shriner, President

ATTEST:

_____
Remleh Scherzinger, Secretary

CERTIFICATE OF SECRETARY

The undersigned Secretary of the Board of the Marina Coast Water District hereby certifies that the foregoing is a full, true and correct copy of Resolution No. 2022-02 adopted on January 19, 2022.

_____

Remleh Scherzinger, Secretary

Marina Coast Water District
Updated Sphere of Influence & Annexation Proposal
Draft Project Description
November 22, 2021

Introduction

The proposed project is the Marina Coast Water District's (MCWD or the District) Updated Sphere of Influence (SOI) Amendment and Annexation of territory into the District's service area (SA), which is proposed in accordance with relevant codes and ordinances of the District, City of Seaside, and the Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000.

The District currently provides water, wastewater, and recycled water service to the former Fort Ord Community (Ord Community; see Figure 1) as outlined in the Water/Wastewater Facilities Agreement between the Fort Ord Reuse Authority (FORA) and MCWD (1998) and the Assignment of Easement on Former Fort Ord and Ord Military Community, County of Monterey; Quitclaim Deed for Water and Wastewater Systems, between FORA and MCWD, dated October 24, 2001, as amended by the Sphere of Influence and Annexation Proposal approved by the Local Agency Formation Commission on April 22, 2019 (2019 MCWD Annexation).

On February 20, 2018, the MCWD Board of Directors (Board) adopted Resolution No. 2018-09, adopting an Initial Study/Negative Declaration for the Ord Community Sphere of Influence Amendment and Annexation, finding that the Ord Community Sphere of Influence Amendment and Annexation was not a project subject to the California Environmental Quality Act (CEQA) and also exempt from CEQA, and directing District staff to file an application with the Local Agency Formation Commission of Monterey County (LAFCO) for the project to annex properties into MCWD's SA. MCWD filed a Notice of Determination (NOD) and Notice of Exemption (NOE) within five days of the Board action. MCWD's modified proposal was approved by LAFCO on April 22, 2019, by Resolution No. 19-04.

The project is proposed to amend the MCWD SOI and SA (see Figures 2 and 3) to annex two project sites that were excluded from the 2019 MCWD Annexation: the Campus Town Specific Plan Project and Parker Flats Apartments Project. The applicant is:

Name, Title (if applicable): Remleh Scherzinger, General Manager

Agency: Marina Coast Water District

Address: 11 Reservation Road, Marina, CA 93933

Phone Number: (831) 384-6131

Email Address: RScherzinger@mcwd.org

Location

The MCWD is situated in the northwest corner of Monterey County, California (Figure 1). The proposed project location includes two project sites within the City of Seaside on the former Fort Ord: the Campus Town Specific Plan Project and Parker Flats Apartments Project sites (Figures 2 and 3).

The Campus Town Specific Plan Project site is approximately 122.23 acres situated at the northern end of Seaside, approximately one mile east of the Monterey Bay and 900 feet east of State Route 1 (SR 1). The project site is bound to the west by 1st Avenue and vacant land that lies just east of SR 1, and to the east by 7th Avenue and a parking lot. The project site is bisected by General Jim Moore Boulevard, which runs north to south. Between 1st Avenue and General Jim Moore Boulevard, the project site is bounded to the north by Lightfighter Drive and California State University, Monterey Bay (CSUMB), and is bounded to the south by the Ord Community Commissary, Army and Air Force Exchange Service Military Exchange PX, Ord Military Community housing, Ord Military Community Recreation Center, and General Stilwell Community Center of the U.S. Army Garrison Presidio of Monterey. Between General Jim Moore

Boulevard and 7th Avenue, the project site is bounded to the north by Colonel Durham Street and by various uses such as CSUMB, the Army National Guard Recruiting Center, Department of Defense (DoD) Defense Manpower Data Center, and former Fort Ord land, and is bounded to the south by Gigling Road, Ord Military Community housing, and the U.S. DoD Army Hospital. The Assessor Parcel Numbers (APNs) are listed in Table 1.

The Parker Flats Apartments Project is located on 4.9 acres at 4386-4387 Parker Flats Cut Off Road within a portion of Assessor's Parcel Number 031-152-011 in the City of Seaside within the former Fort Ord. Existing surrounding development includes: a veterinary clinic, a medical clinic, an eight-story U.S. DoD building (i.e., the Defense Manpower Data Center), and parking lots to the north; a Defense Language Institute (DLI) immersion facility to the south and east. The California Central Coast Veterans Cemetery is located approximately 1,000 feet to the south.

Table 1. Assessor Parcel Number (APN) Summary for Campus Town Specific Plan Project

Proposed Specific Plan (APN)	Campus Town Specific Plan (acres)	Phase 1 Proposed Project (acres)[1]	Phase 2 Proposed Project (acres)[1]	Phase 2 Campus Town Parcels Not Part of the VTM (acres)[2]
031-151-013 (portion)[3]	0.54	0.54	-	-
031-151-018	4.17	-	-	4.17
031-151-024[4]	1.60	-	-	1.60
031-151-029[5]	16.23	6.44	9.79	-
031-151-031	3.81	-	3.81	-
031-151-032	1.23	1.23	-	-
031-151-036 (portion)[4]	1.64	-	-	1.64
031-151-037[4]	1.16	-	-	1.16
031-151-038	0.83	-	-	0.83
031-151-039	7.35	-	7.35	-
031-151-040[5]	37.56	0.22	37.34	-
031-151-041[6]	3.20	-	-	3.20
031-151-042[6]	3.51	-	-	3.51
031-151-043[4]	0.41	-	-	0.41
031-151-044[4]	1.68	-	-	1.68
031-151-054	22.52	22.52	-	-
031-151-055[7]	11.28	11.28	-	-
031-151-056	2.83	2.83	-	-
031-261-003	0.34	-	0.34	-
031-261-004	0.34	-	0.34	-
Total	**122.23**	**45.06**	**58.97**	**18.2**

[1] These parcels are included in the KB-Bakewell VTM.
[2] These parcels are located within the Plan Area, but are not included in the Purchase Agreement with KB-Bakewell.
[3] A 0.54-acre portion of this parcel is included in the KB-Bakewell VTM, while the remainder of the parcel is not. The 0.54-acre portion of this parcel is within the existing right-of-way and will be abandoned and obtained by KB Bakewell.
[4] These parcels are owned by third parties (not the project applicant). Parcel -024 is owned by MST, parcel -036 is outside City boundaries, parcel -037 is owned by FORA, and parcels -043 and -044 are owned by the U.S. Government.
[5] This parcel straddles the proposed phase line. The appropriate acreage is attributed to each phase.
[6] These parcels (containing, Monterey College of Law and Monterey County Bar Association) are not included in the KB Bakewell VTM and are not proposed for modification.
[7] A vacated restaurant building is located at the northeast corner of General Jim Moore Boulevard and Gigling Road. This building would be demolished by KB-Bakewell. Also, the demolition of the Presidio of Monterey Fire Station has been assumed to be part of the Proposed Project.
--- = not applicable

The current MCWD SOI and SA is 8,086 acres. The proposed SOI amendment and annexation territory includes 127 acres, making the total new MCWD SOI and SA 8,213 acres after project approval.

Population

The MCWD estimates that its service population is approximately 35,734 people, of which an estimated 17,060 reside within the City of Marina and 18,674 live in areas of the Ord Community. The population of the City of Seaside is 34,115 (2020 U.S. Census). Other adjacent population areas include the Cities of Monterey and Del Rey Oaks.

Purpose and Need

The District currently provides water, wastewater, and recycled water services to these areas. The Campus Town and Parker Flats Apartment projects will have received their final land use approvals and associated water allocations prior to annexation approval. As such, these properties can now be annexed into the MCWD's SOI and SA. Adding these properties to the SA will also eliminate islands within the District that were created during the 2019 MCWD Annexation.

No conditions have been assigned to this proposal and the proposed area is not being requested to be taxed for existing bonded indebtedness or contractual obligations.

Determination of Boundaries

The proposal's boundaries follow existing parcel boundaries and/or right-of-way limits all within the former Fort Ord. The project would annex territory currently within the City of Seaside to include the two project sites. The existing water and wastewater systems cross jurisdictional boundaries due to the jurisdictional divisions on the former Fort Ord.

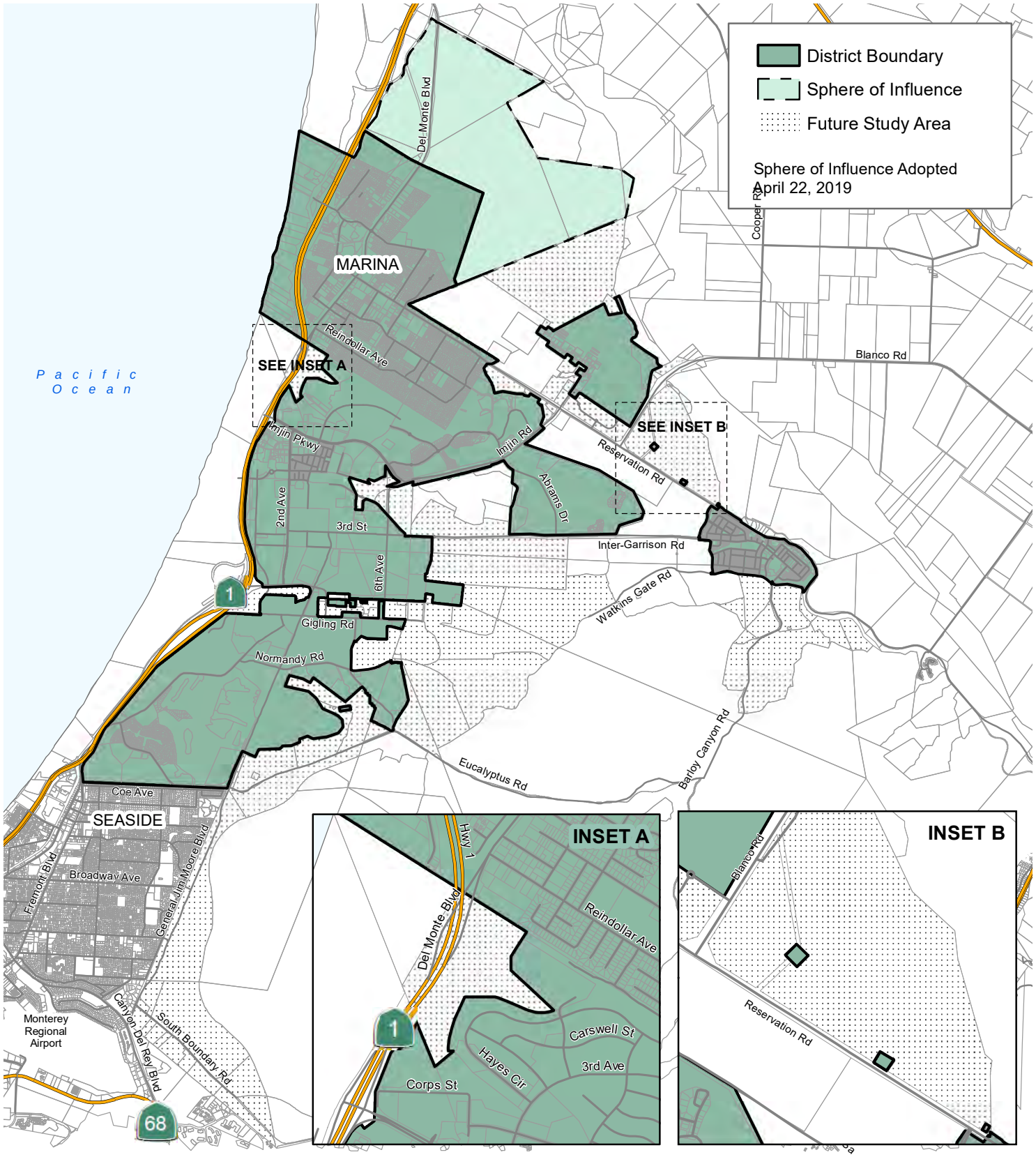
The project is proposed to eliminate islands created during the 2019 MCWD Annexation.

The annexation includes adjacent streets and rights-of-way and is consistent with LAFCO Policy D.II.7. The boundaries of the proposed project follow existing political boundaries, primarily the boundary follows existing parcel boundaries with some portions of the parcels excluded, which follow current right-of-way boundaries or development boundaries.

The proposed annexation would not divide any existing tax assessment parcels. The District is funded only by rates and fees and does not collect property taxes.

The proposed annexation would not physically divide an established community, commercial district, or any other area having social or economic homogeneity.

The proposed annexation does not include all of the development parcels within the former Fort Ord, including all those within the City of Seaside. Although MCWD's future annexation plans contain all the former Fort Ord lands, including those territories which have not yet received final land use entitlements or approved water allocations including them in this application would not be beneficial at this time.



Source: LAFCO of Monterey County

MCWD LAFCO Map

Denise Duffy & Associates, Inc.
Planning and Environmental Consulting

Date	Figure
11/8/2021	1
Scale: 1" = 1.2 Miles	

Path: P:/DDA Current Projects/2021-52 Seaside Campus Town MCWD Annex/Poriject Description/Figures/Figure 1 MCWD LAFCO Map.pdf

LEGEND

* EXISTING MCWD DISTRICT BOUNDARY AREAS

PROPOSED MCWD ANNEXATION AREAS

* PER LAFCO-APPROVED "COUNTY WATER DISTRICTS" MAP DATED 10/31/2019

N

0 250 500 750

SCALE IN FEET: 1"= 500'

Source: RJA

Campus Town Proposed Annexation Properties

Denise Duffy & Associates, Inc.
Planning and Environmental Consulting

Date 11/8/2021

Scale 1" = 500'

Figure 2

Path: P:\DDA Current Projects\2021-52 Seaside Campus Town MCWD Annex\Project Description\Figures\Figure 2 Campus Town Proposed Annexation Properties.pdf

Source: Parker Flats Apartments Project CEQA Class 32 Categorical Exemption Report, March 2018

Parker Flats Apartments Proposed Annexation Property

Denise Duffy & Associates, Inc.
Planning and Environmental Consulting

Date 11/8/2021

Scale 1" = 150'

Figure 3

Path: P:\DDA Current Projects\2021-52 Seaside Campus Town MCWD Annex\Project Description\Figures\Figure 3 Parker Flats Apartments Proposed Annexation Property.pdf

Return to Agenda

Marina Coast Water District
Agenda Transmittal

Agenda Item: 9-B | Meeting Date: January 19, 2022

Prepared By: Brian True | Approved By: Remleh Scherzinger
Reviewed By: Patrick Breen

Agenda Title: Adopt Resolution No. 2022-03 to Authorize a CIP Budget Adjustment to Reimburse the City of Marina for the Replacement of an Emergency Repair and Replacement of a Potable Water Pipeline and Appurtenances in Flower Circle, Marina

Staff Recommendation: The Board of Directors adopt Resolution No. 2022-03 to adjust and amend the FY 2021-2022 Capital Improvement Budget as detailed below.

Background: *Strategic Plan Mission Statement – To provide our customers with high-quality water, wastewater collection, and conservation services at a reasonable cost, through planning, management, and the development of water resources in an environmentally sensitive manner*.

In August 2021 the contractor retained by the City of Marina to repave Flower Circle in Marina Coast Water District's (MCWD) Central Marina service area caused a potable water pipeline owned and operated by MCWD to repeatedly break. After several emergency repairs, the City agreed to have the contractor replace the broken pipeline segments on an emergency time and material basis.

MCWD staff requested that the City's contractor also replace additional segments of under-sized and aged potable water pipeline contiguous to the segments that were broken. Staff requested an extension of the emergency scope since the City had already removed and was contracted to replace the asphalt paving over the newly installed facilities saving the District's ratepayers the expenses of contractor mobilization, traffic control, and asphalt removal and replacement.

The City agreed, and the contractor was directed to replace 125-LF of 4-inch diameter pipe with new 6-inch diameter C-900 PVC, installing two valves, a new fire-hydrant, and new water services to six homes were also re-installed on the new pipe.

Staff is requesting the Board consider this budget adjustment resolution to Capital Improvement Project Budget funds to reimburse the City of Marina, who has paid the contractor for MCWD's portion of the work performed.

Discussion/Analysis: The contractor's costs to replace the segments of pipeline broken by their action and the costs to replace the segments of pipe and appurtenances on MCWD's behalf were segregated. The work was observed by the City of Marina inspector as well as MCWD personnel. The detailed cost information was submitted by the City of Marina documenting the time and material costs for each element of the work (i.e. that portion of the work the City was responsible for versus the portion for which MCWD was responsible).

The final cost for MCWD's portion was determined to be $47,711.23. The City of Marina has provided MCWD with an invoice for reimbursement in that amount.

Staff proposes to use CIP resources from a Central Marina potable water pipe project that has been completed within its planned budget. The Crescent Avenue Water Pipeline (CIP # MW-0302) was installed as part of the Recycled Water Distribution Main project and has been completed with the remaining budget sufficient to cover the reimbursement to the City of Marina for the Flower Circle work.

Staff recommends a budget adjustment to the FY 2021-22 Capital Improvement Budget detailed below:

CIP Budget Adjustment	FY 2021-2022 Budget	Budget Adjustment	Amended Budget
From: MW-0302 Crescent Avenue Pipeline	$196,000.00	-$47,711.23	$148,288.77
To: MW-0XXX Flower Circle Pipeline Replacement	$0.00	+$47,711.23	$47,711.23

Expenditures for MW-0302 are $145,670 (including staff labor, design costs, environmental work, and contractor payments). Staff anticipates additional expenditures of approximately $2,500 (staff labor) to close out the project.

Environmental Review Compliance: None

Other considerations: None.

Financial Impact: __X__Yes _____No Funding Source/Recap: Funding for this project comes from the Marina Water FY 2021-2022 Capital Improvements Budget.

Material Included for Information/Consideration: Resolution No. 2022-03.

Action Required: __X__Resolution _____Motion _____Review
(Roll call vote is required.)

Board Action

Motion By_____ Seconded By_____ No Action Taken_____

Ayes_____ Abstained_____

Noes_____ Absent_____

January 19, 2022

Resolution No. 2022-03
Resolution of the Board of Directors
Marina Coast Water District
Authorizing a CIP Budget Adjustment to
Reimburse the City of Marina for the
Replacement of a Potable Water Pipeline in Flower Circle, Marina

RESOLVED by the Board of Directors ("Directors") of the Marina Coast Water District ("District"), at a regular meeting duly called and held on January 19, 2022, via a videoconference pursuant to Governor Newsom's Executive Order N-29-20, as follows:

WHEREAS, MCWD owns and operates the potable water network in Flower Circle in MCWD's Central Marina service area; and,

WHEREAS, the contractor retained by the City of Marina to repave Flower Circle caused the potable water pipeline to break and the City agreed to have the contractor entirely replace the broken pipeline segments on a time and material basis; and,

WHEREAS, MCWD staff requested that the City's contractor replace an additional 125-LF (approximately) of 4-inch diameter pipe segments of under-sized and aged potable water pipeline contiguous to the segments that were broken and the City agreed to that work on MCWD's behalf on a time and material basis; and,

WHEREAS, action needs to be taken to provide the resources to reimburse the City of Marina, who has paid the contractor for the work performed, for MCWD's share of the time and material costs; and,

WHEREAS, staff proposes to use current-year CIP resources from a Central Marina potable water pipe project that has been completed within its planned budget to reimburse the City of Marina; and,

WHEREAS, staff recommends the budget adjustment to the FY 2021-22 Capital Improvement Budget detailed below.

NOW, THEREFORE, BE IT RESOLVED, The Board of Directors of the Marina Coast Water District hereby finds and approves the following to be in the best interest of MCWD:

1. Amend the FY 2021-2022 Capital Improvement Budget and transfer from Marina Water cost center's Bond resources as follows:

CIP Budget Adjustment	FY 2021-2022 Budget	Budget Adjustment	Adjusted Budget
From: MW-0302 Crescent Avenue Pipeline	$196,000.00	-$47,711.23	$148,288.77
To: MW-0XXX Flower Circle Pipeline Replacement	$0.00	+$47,711.23	$47,711.23

; and,

2. Authorize the General Manager to take all actions and execute all documents as may be necessary or appropriate to give effect to this resolution.

PASSED AND ADOPTED on January 19, 2022, by the Board of Directors of the Marina Coast Water District by the following roll call vote:

Ayes: Directors_____

Noes: Directors_____

Absent: Directors_____

Abstained: Directors_____

_____
Jan Shriner, President

ATTEST:

_____
Remleh Scherzinger, Secretary

CERTIFICATE OF SECRETARY

The undersigned Secretary of the Board of the Marina Coast Water District hereby certifies that the foregoing is a full, true and correct copy of Resolution No. 2022-03 adopted on January 19, 2022.

_____
Remleh Scherzinger, Secretary

Staff Reports

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Marina Coast Water District
Staff Report

Agenda Item: 10-A Meeting Date: January 19, 2022

Prepared By: Kelly Cadiente Approved By: Remleh Scherzinger

Agenda Title: Fiscal Impact of COVID-19 Report

Summary: The Board of Directors requested monthly reports on the impact to the District's finances due to COVID-19.

This report includes the following:

- Budget to actual water revenues for FY 2021-2022 through December 31, 2021
- Customer accounts aging information as of January 09, 2022
- Monthly customer payments comparison for months December 2020 through December 2021
- Graphs of delinquent accounts as of December 31, 2021

FY 2021-2022 actual water revenue through December 31, 2021, for Central Marina, was below budgeted revenue by $165,473 while the Ord Community was above budgeted revenue by $152,563 for the same period.

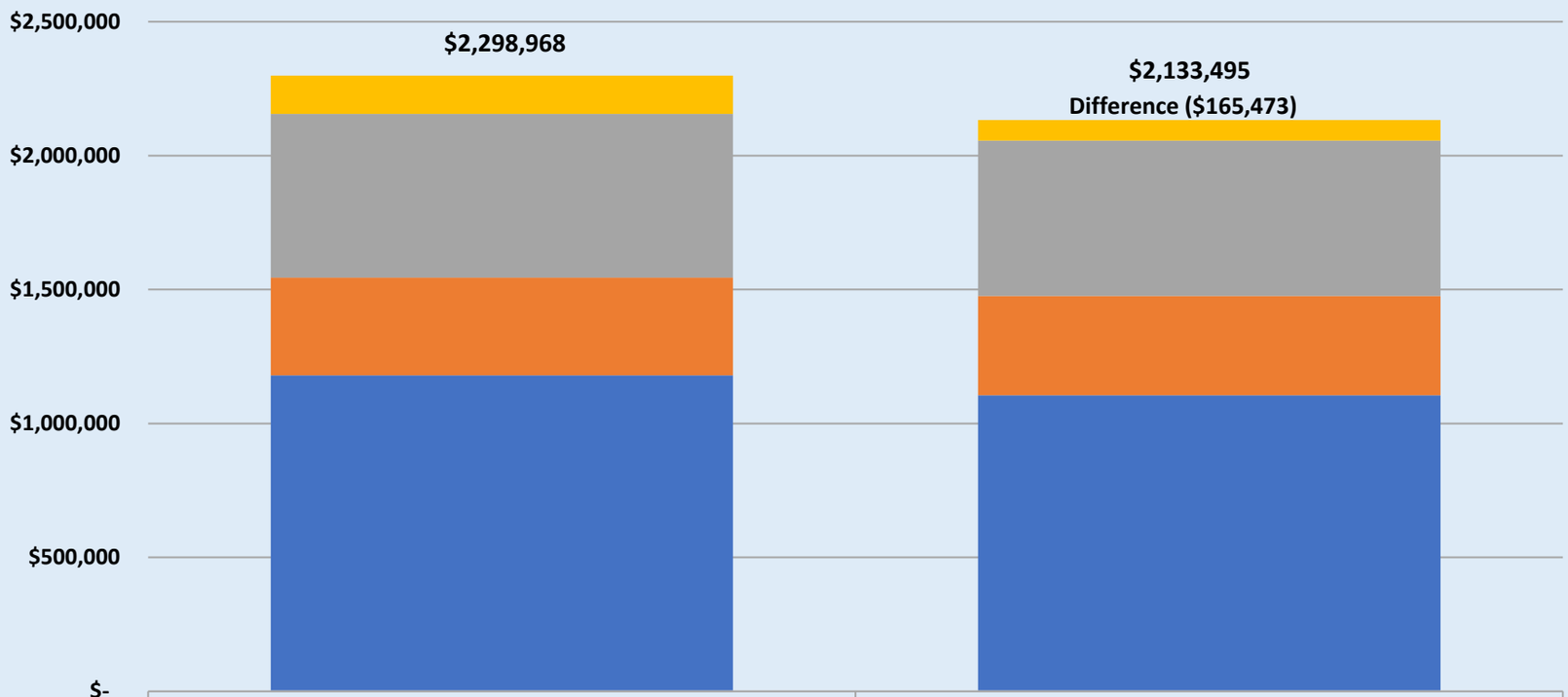
Accounts Receivable balances for both Central Marina and the Ord Community have increased during the pandemic by $121,117.88 (267%) and $469,239.80 (53%), respectively. If Bay View Mobile Home Park's main master meter account is not considered, Ord Community Accounts Receivable balance has increased $329,664.77 (485%). Unfortunately, the balances tend to fluctuate from month to month due to billing dates and the number of days in the month.

Governor Newsom's 2021–22 May revise to the state budget included $1 billion in American Rescue Plan Act funds to be used to provide direct payments to water systems to address customer arrearages and revenue gaps related to the pandemic. The State Water Resources Control Board (SWRCB) required all water districts to participate in a survey to be considered for funding. Customer arrearages that qualify for funding are accrued residential and commercial drinking water arrearages from March 4, 2020, through June 15, 2021. Arrearages due to irrigation water usage, wastewater charges, and penalties do not qualify for assistance. Staff submitted MCWD's survey on September 7, 2021. The survey information was compiled by the SWRCB and determined 100% of the number of arrearages reported will qualify for assistance. Staff completed the application and submitted it to SWRCB on November 16, 2021. The District was notified in December 2021 that its application was approved and awarded the requested funds. Payment from the State is expected in January 2022.

Part of the State's Program requirements is for water systems to notify their customers whose arrearages will be offset by the funding and to offer a payment plan for the remaining arrearages. In addition, the District is also required to offer payment plans to accounts with past due balances that did not qualify for the State's Program. Staff sent out 331 letters to the Program recipients on January 6, 2022, informing them of the amount that would be credited to their account, that Governor Newsom's moratorium on water shut-off for nonpayment expired on December 31, 2021, and that the District is providing payment plans to assist them in getting their accounts

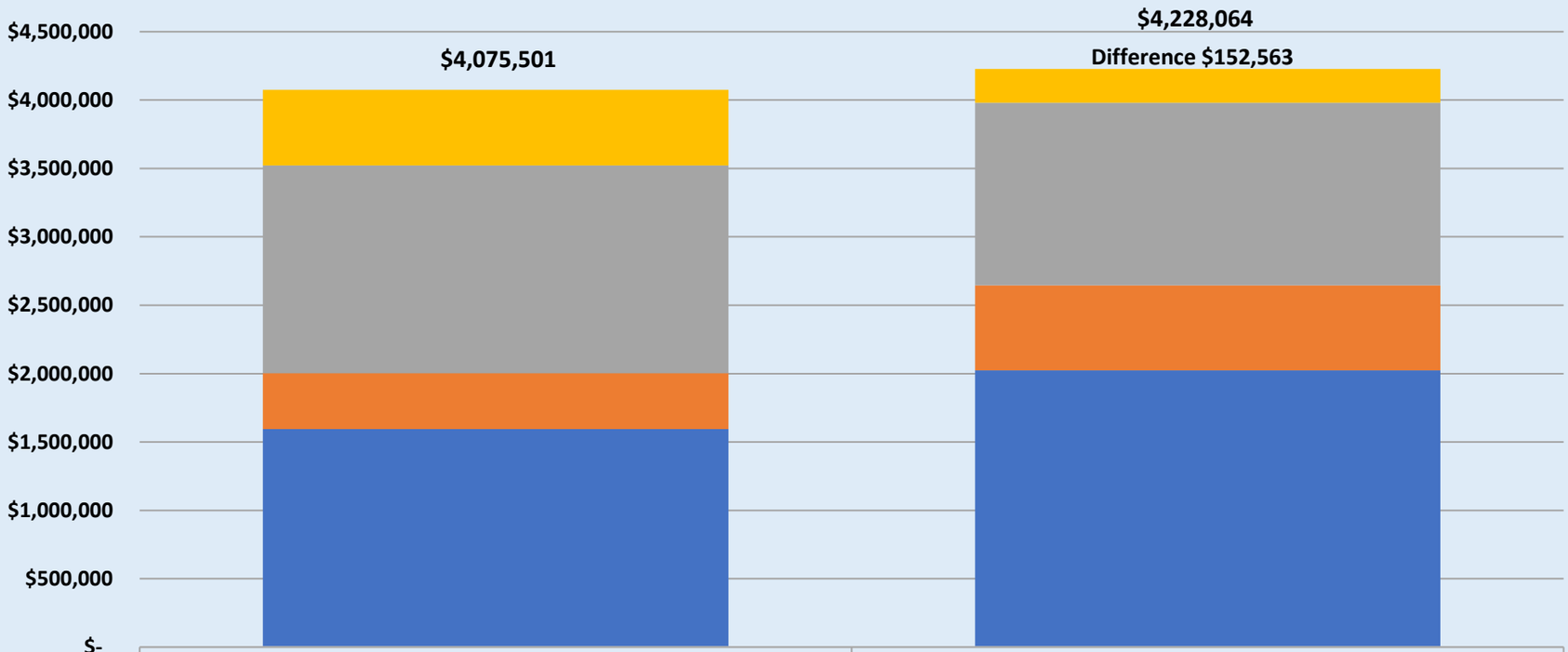
current. On January 10, 2022, staff also sent out 712 letters to those accounts that have past-due balances to inform them of the expiration of the moratorium and to offer payment plans to bring their accounts current. Sample copies of the letters have been provided in this report.

FY 2021-2022 Central Marina Water Revenue as of December 31, 2021



	Budget-To-Date	Actual-to-Date
Government	$143,548	$77,337
Multiples	$610,811	$580,014
Business	$365,339	$370,968
Residential	$1,179,270	$1,105,176
Totals	$2,298,968	$2,133,495

FY 2021-2022 Ord Community Water Revenue as December 31, 2021



	Budget-To-Date	Actual-to-Date
Government	$554,222	$248,355
Multiples	$1,517,994	$1,334,758
Business	$407,580	$620,415
Residential	$1,595,706	$2,024,536
Totals	$4,075,501	$4,228,064

MARINA COAST WATER DISTRICT
CUSTOMER ACCOUNTS AGING REPORT
March 9, 2020 -January 9, 2022

Central Marina

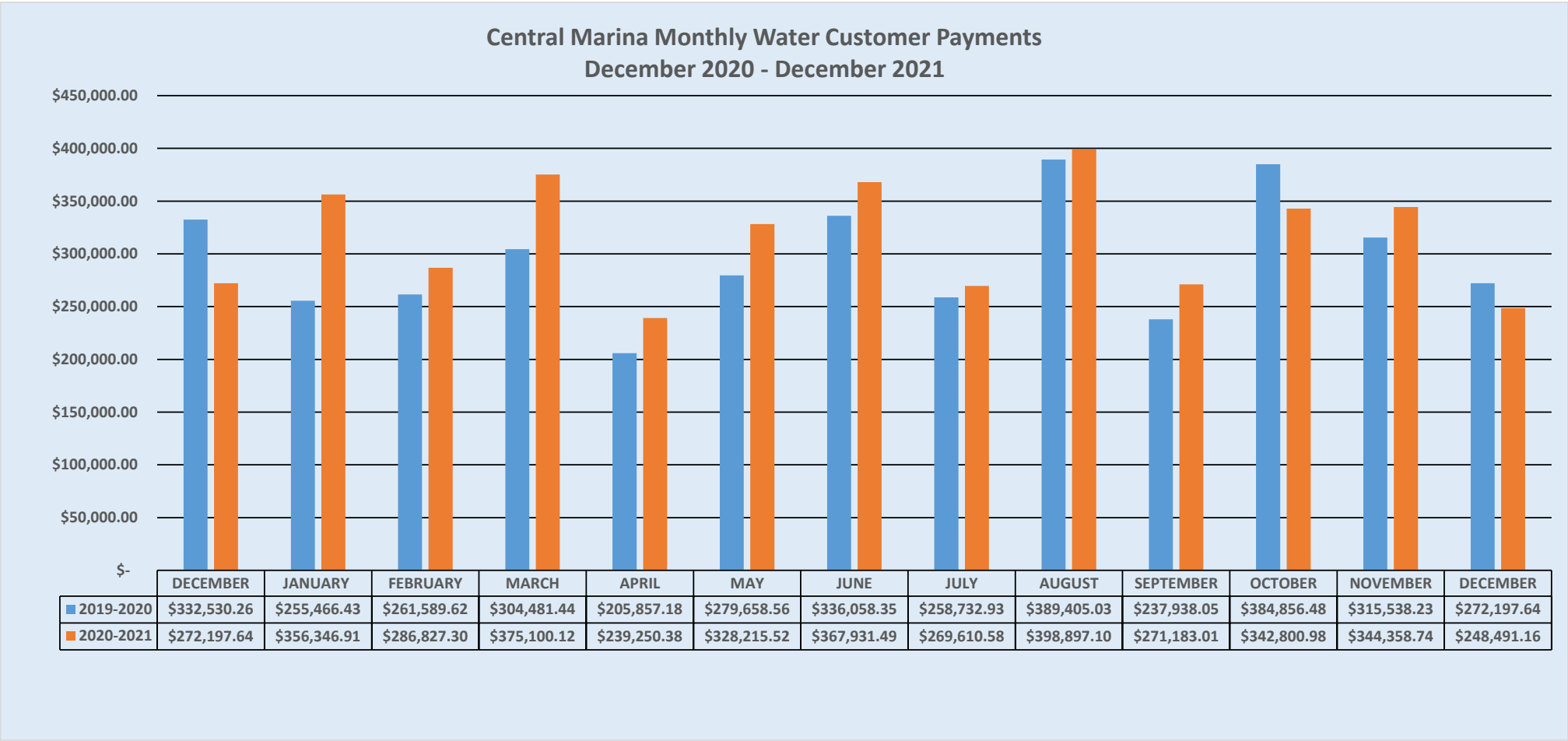
Aging Date	Balance 30 to 60 Days	Balance 60 to 90 Days	Balance 90 to 120 Days	Balance over 120 Days	Totals	
3/9/2020	$ 35,543.27	$ 3,875.86	$ 4,293.09	$ 1,611.13	$ 45,323.35	
1/9/2022	$ 42,782.57	$ 22,168.87	$ 19,411.07	$ 82,078.72	$ 166,441.23	
Change	$ 7,239.30	$ 18,293.01	$ 15,117.98	$ 80,467.59	$ 121,117.88	267%

Ord Community

Aging Date	Balance 30 to 60 Days	Balance 60 to 90 Days	Balance 90 to 120 Days	Balance over 120 Days	Totals	
3/9/2020	$ 78,063.43	$ 38,972.14	$ 27,577.38	$ 736,205.62	$ 880,818.57	
1/9/2022	$ 123,948.59	$ 67,032.18	$ 46,563.34	$ 1,112,514.26	$ 1,350,058.37	
Change	$ 45,885.16	$ 28,060.04	$ 18,985.96	$ 376,308.64	$ 469,239.80	53%
%	59%	72%	69%	51%	53%	

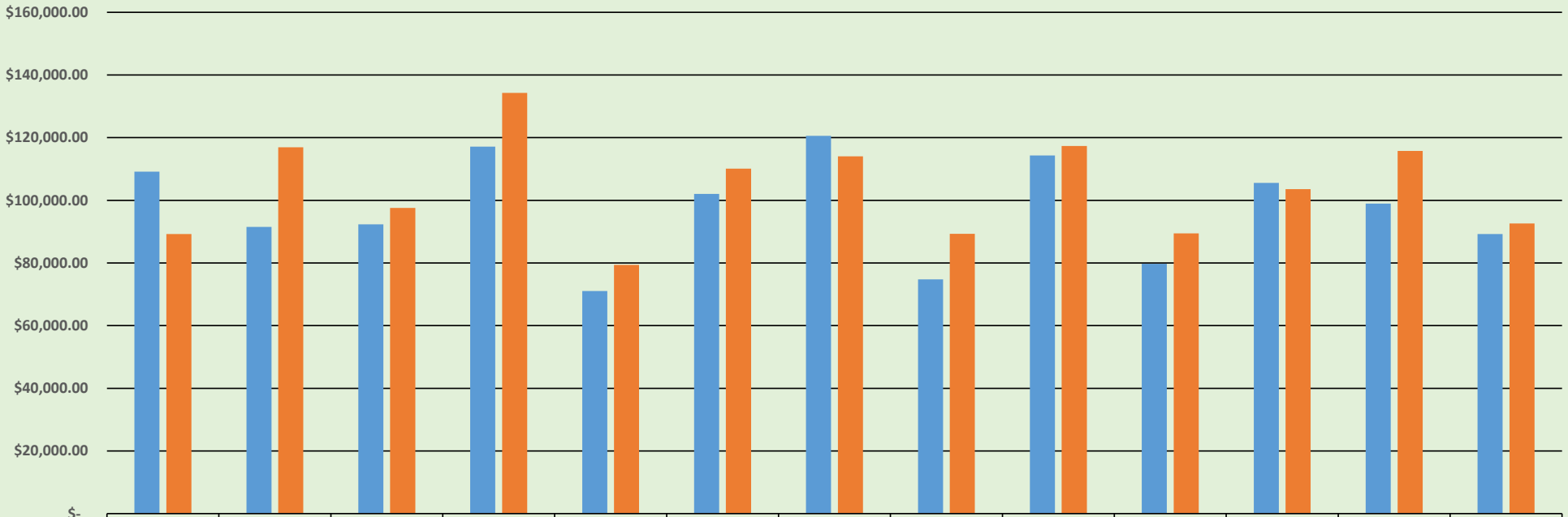
Ord Community (Excluding Bay View Mobile Home Park Main Master Meter Account)

Aging Date	Balance 30 to 60 Days	Balance 60 to 90 Days	Balance 90 to 120 Days	Balance over 120 Days	Totals	
3/9/2020	$ 59,169.69	$ 6,816.86	$ 446.06	$ 1,532.29	$ 67,964.90	
1/9/2022	$ 111,017.29	$ 61,467.29	$ 42,404.01	$ 182,741.08	$ 397,629.67	
Change	$ 51,847.60	$ 54,650.43	$ 41,957.95	$ 181,208.79	$ 329,664.77	485%

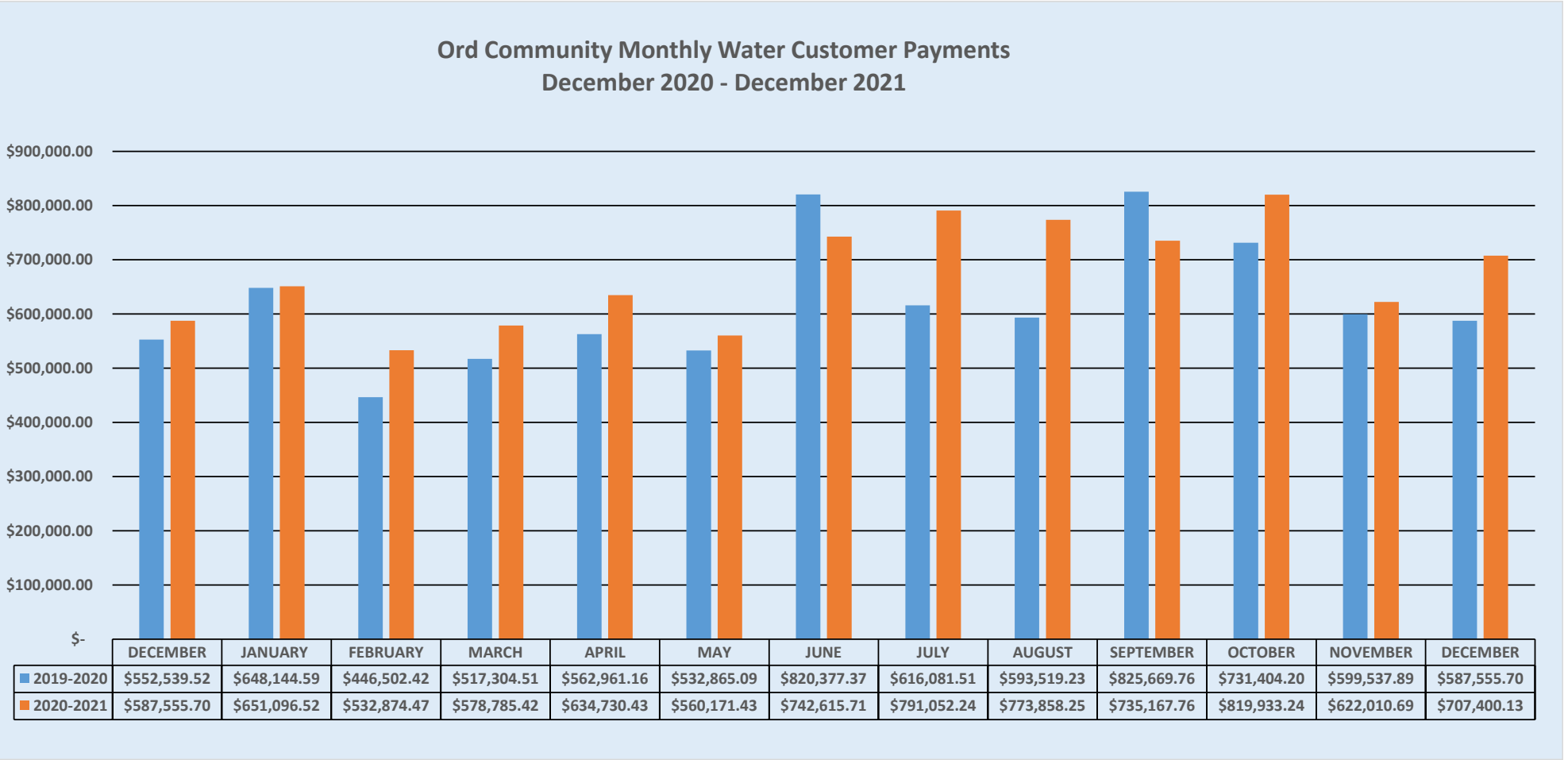


	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
2019-2020	$332,530.26	$255,466.43	$261,589.62	$304,481.44	$205,857.18	$279,658.56	$336,058.35	$258,732.93	$389,405.03	$237,938.05	$384,856.48	$315,538.23	$272,197.64
2020-2021	$272,197.64	$356,346.91	$286,827.30	$375,100.12	$239,250.38	$328,215.52	$367,931.49	$269,610.58	$398,897.10	$271,183.01	$342,800.98	$344,358.74	$248,491.16

Central Marina Monthly Sewer Customer Payments
December 2020 - December 2021

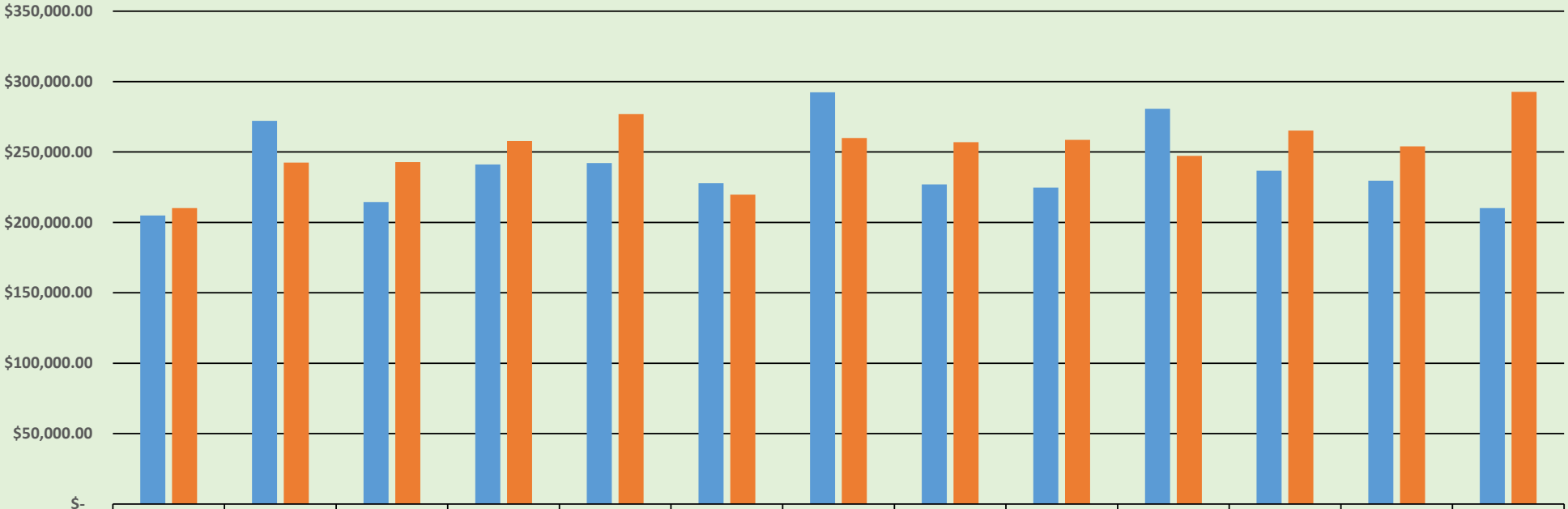


	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
2019-2020	$109,146.65	$91,492.64	$92,317.78	$117,134.31	$71,062.89	$102,031.13	$120,587.45	$74,794.25	$114,308.48	$79,697.54	$105,587.74	$98,929.39	$89,203.02
2020-2021	$89,203.02	$116,941.10	$97,545.28	$134,256.58	$79,365.81	$110,115.74	$114,013.16	$89,328.25	$117,324.82	$89,437.47	$103,591.47	$115,743.17	$92,577.45

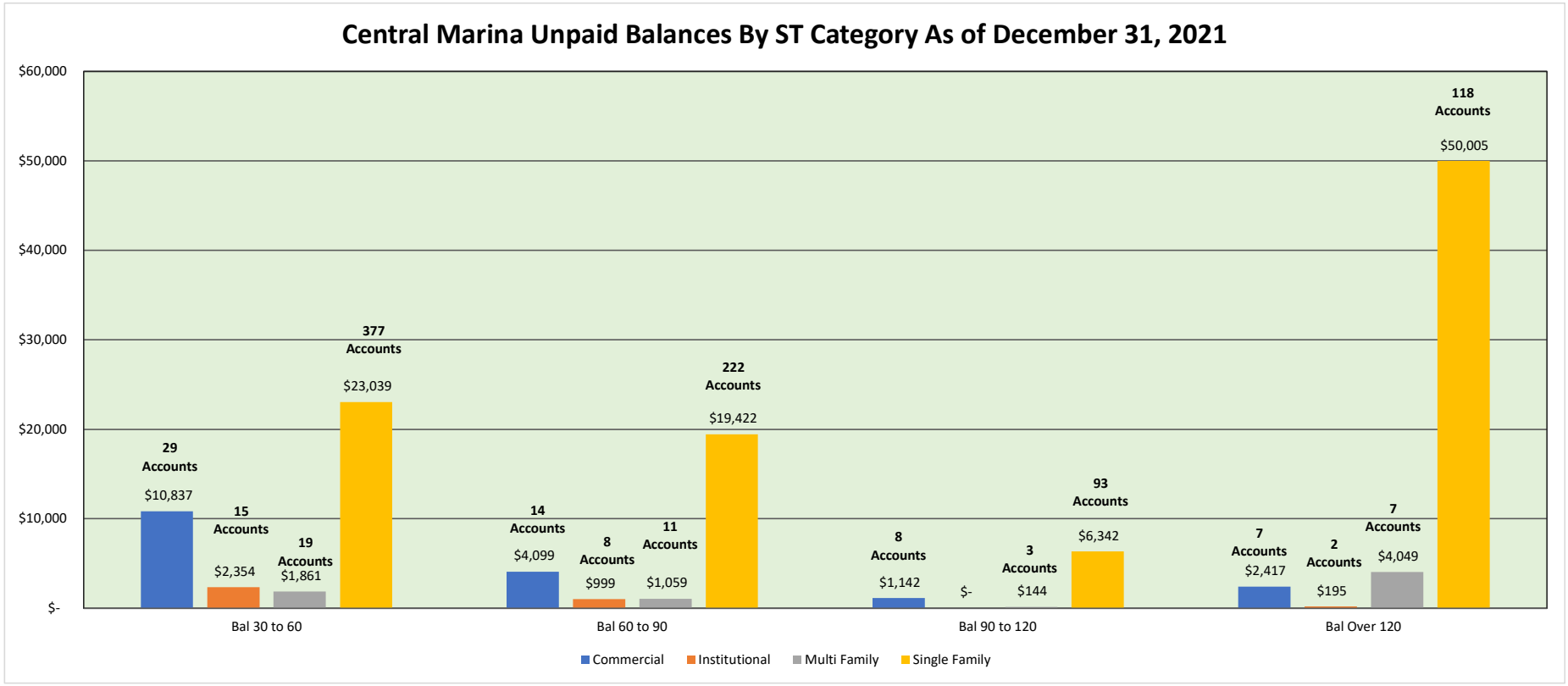


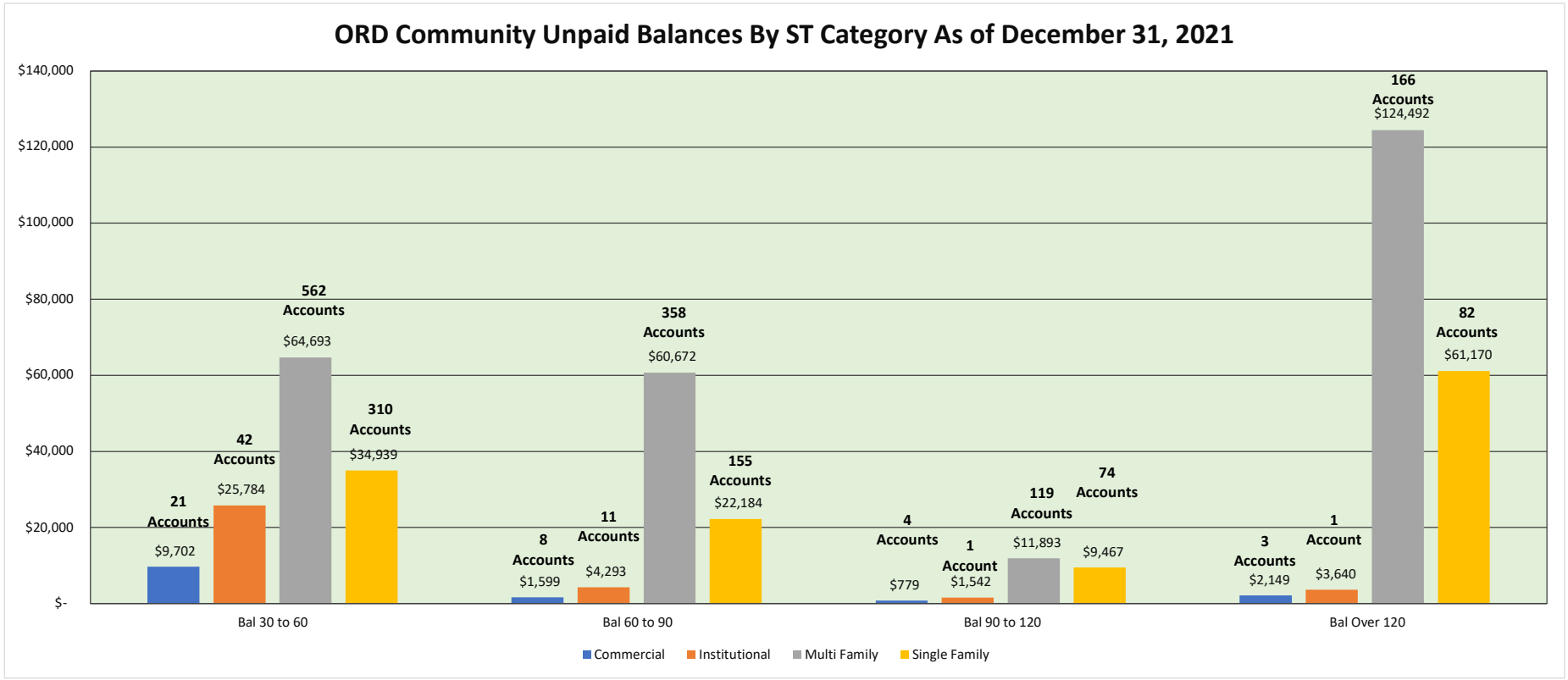
	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
2019-2020	$552,539.52	$648,144.59	$446,502.42	$517,304.51	$562,961.16	$532,865.09	$820,377.37	$616,081.51	$593,519.23	$825,669.76	$731,404.20	$599,537.89	$587,555.70
2020-2021	$587,555.70	$651,096.52	$532,874.47	$578,785.42	$634,730.43	$560,171.43	$742,615.71	$791,052.24	$773,858.25	$735,167.76	$819,933.24	$622,010.69	$707,400.13

Ord Community Monthly Sewer Customer Payments
December 2020 - December 2021



	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
2019-2020	$204,831.53	$272,078.21	$214,448.44	$241,074.86	$242,199.40	$227,843.31	$292,463.65	$226,904.83	$224,641.82	$280,689.99	$236,624.63	$229,592.77	$210,245.46
2020-2021	$210,245.46	$242,441.88	$242,791.01	$257,742.28	$276,907.26	$219,699.26	$259,935.99	$257,029.52	$258,623.32	$247,233.64	$265,136.60	$253,925.17	$292,706.85


Central Marina Unpaid Balances By ST Category As of December 31, 2021
$60,000
$50,000
$40,000
$30,000
$20,000
$10,000
$-
29 Accounts $10,837
15 Accounts $2,354
19 Accounts $1,861
377 Accounts $23,039
14 Accounts $4,099
8 Accounts $999
11 Accounts $1,059
222 Accounts $19,422
8 Accounts $1,142
$-
3 Accounts $144
93 Accounts $6,342
7 Accounts $2,417
2 Accounts $195
7 Accounts $4,049
118 Accounts $50,005
Bal 30 to 60
Bal 60 to 90
Bal 90 to 120
Bal Over 120
Commercial
Institutional
Multi Family
Single Family


ORD Community Unpaid Balances By ST Category As of December 31, 2021
$140,000
$120,000
$100,000
$80,000
$60,000
$40,000
$20,000
$-
21 Accounts $9,702
42 Accounts $25,784
562 Accounts $64,693
310 Accounts $34,939
8 Accounts $1,599
11 Accounts $4,293
358 Accounts $60,672
155 Accounts $22,184
4 Accounts $779
1 Account $1,542
119 Accounts $11,893
74 Accounts $9,467
3 Accounts $2,149
1 Account $3,640
166 Accounts $124,492
82 Accounts $61,170
Bal 30 to 60
Bal 60 to 90
Bal 90 to 120
Bal Over 120
Commercial
Institutional
Multi Family
Single Family

MARINA COAST WATER DISTRICT

11 RESERVATION ROAD, MARINA, CA 93933-2099
Home Page: www.mcwd.org
TEL: (831) 384-6131 FAX: (831) 883-5995

Thursday, January 6, 2022

«First_Name» «Last_name»
«Billing_Address»
«Billing_Address_2»
«Billing_City» «Billing_State»«Billing_Zip»

To «First_Name» «Last_name»,

This is to inform you that the **Marina Coast Water District (MCWD)** applied for and was awarded funding from the California Water and Wastewater Arrearages Payment Program for customer accounts that met the program criteria and your account **«Account»** was included. This funding program covers accounts that are 60 days or more behind on their water payments incurred during the COVID-19 pandemic between March 4, 2020, and June 15, 2021. Once the funds are received by MCWD, the amount of **«Claimed»** will be applied to your outstanding balance.

Please note that this program covers only the water service portion of bills within the dates mentioned above and does not include wastewater collection charges or any other charges on the account.

For customers who are having difficulty paying their remaining outstanding past-due balances, the District is providing payment plans. It is important to note that the Governor's moratorium for service shut-off for nonpayment expired **December 31, 2021**, and therefore, it is important for you to sign up for a payment plan for any remaining outstanding past-due balance if needed. Please call (831) 384-6131 and we will be happy to set up a payment plan for your account.

MCWD is deeply committed to assisting our customers in every way possible. Information on other support programs is available on our website at www.mcwd.org.

Thank you,

Customer Service Department
Marina Coast Water District
11 Reservation Road
Marina, CA 93933

MARINA COAST WATER DISTRICT

11 RESERVATION ROAD, MARINA, CA 93933-2099
Home Page: www.mcwd.org
TEL: (831) 384-6131 FAX: (831) 883-5995

January 10, 2022

«First_Name» «Last_Name»
«Billing_Address_1»
«Billing_Address_2»
«Billing_City», «Billing_State» «Billing_Zip»

To «First_Name» «Last_Name»,

We at Marina Coast Water District (MCWD) recognize that times have been difficult for many and that we all must work together for our community's successful recovery. With that being said, this is to inform you the Governor's moratorium for service shut-off for nonpayment expired December 31, 2021. As of the date of this letter, your account **«Account»** has an outstanding past due balance of **«Total_Bal__60»**.

For customers who are having difficulty paying their outstanding past-due balances, the District is able to provide a 12-month payment plan. Should you need additional time to bring your account current it is important for you to sign up for a payment plan, this will also suspend any penalties accruing to the account as well.

MCWD is deeply committed to assisting our customers in every way possible. Information on support programs is also available on our website at www.mcwd.org. If you have any questions or concerns, please call (831) 384-6131. Our customer service staff is happy to help you navigate available programs and to set up a payment plan for your account if you would like to be a part of the program.

Thank you,

Customer Service Department
Marina Coast Water District
11 Reservation Road
Marina, CA 93933

Return to Agenda

Marina Coast Water District
Staff Report

Agenda Item: 10-B Meeting Date: January 19, 2022

Prepared By: Patrick Breen Approved By: Remleh Scherzinger

Agenda Title: Capital Improvement Program – Project Update Report

Staff Recommendation: The Board of Directors is requested to receive a quarterly project update report on the current capital improvement program.

Background: *Strategic Plan, Goal No. 2 – To provide a high-quality water distribution system and an efficiently operating wastewater collection system to serve existing and future customers. Through the master planning process, our infrastructure strategy is to carefully maintain our existing systems and ensure future additions and replacements will meet District standards*.

The FY 2021-2022 Budget approved by the Board of Directors includes improvements and expansion plans for existing water delivery and wastewater collection systems. The following project update report list the annual Capital Improvement Program (CIP) prioritize and provides project lists that are currently in design/construct based on the board adopted 5-year CIP. The Board requested to receive a project update report quarterly on the current CIPs.

Projects are listed by service area and system. General Water (GW) and General Sewer (GS) projects affect both service areas. District-wide projects (WD) affect all four cost centers. Water augmentation projects are listed at the very end.

Discussion/Analysis: The attached Capital Improvement Program Project Status Report lists the active projects with the project number, title, description, justification and status of progression through design and construction. Also attached for reference is a map of the 2021-22 CIP Projects to assist with the report.

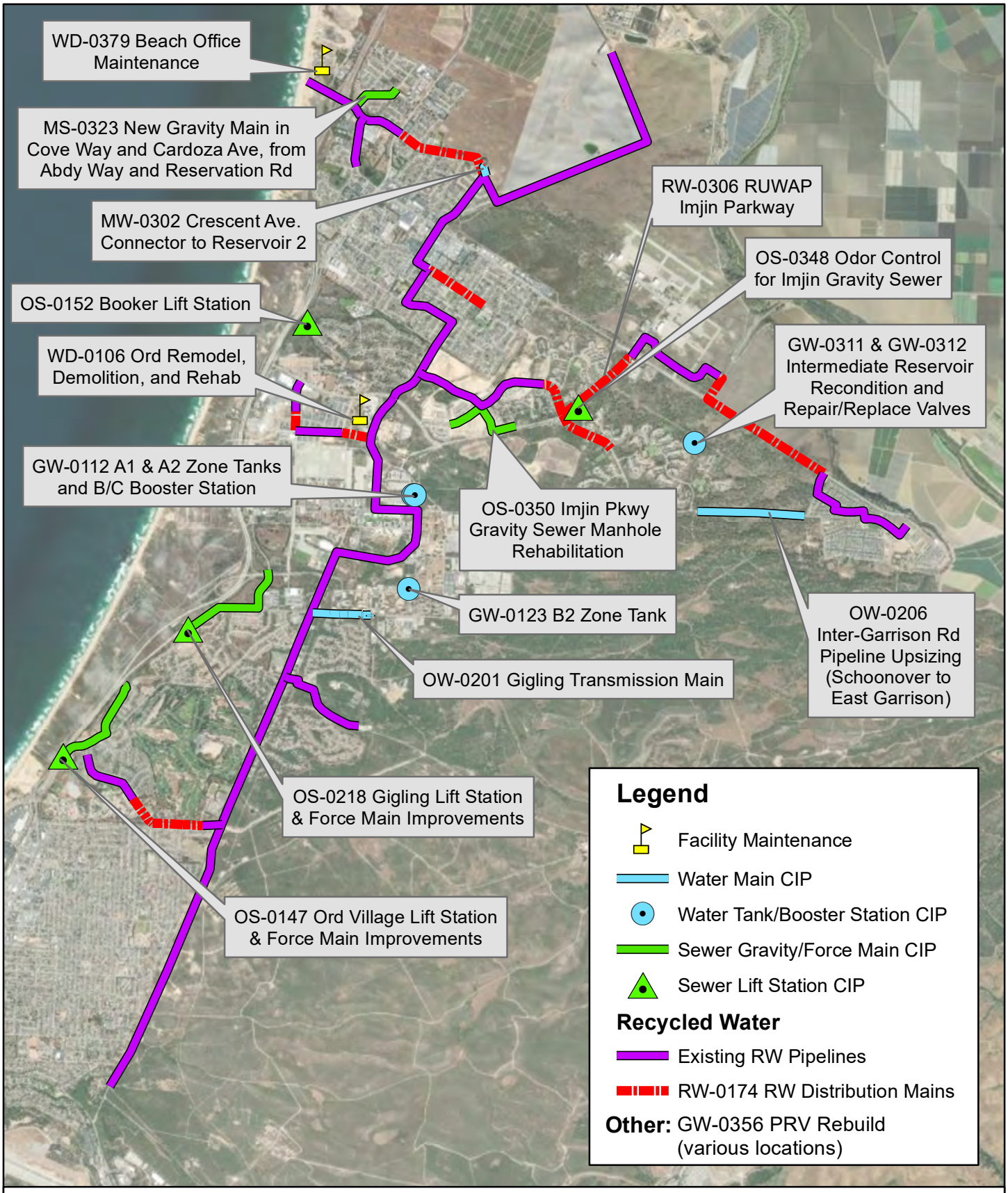
CIP Status Report

No	Project No.	Title	Description	Justification	PM	Status
1	GW-0112	A1 & A2 Zone Tanks and B/C Booster Pump Stations	• Two 1.6 MG A-Zone storage tanks • B/C-Zone BPS upgrade • Associated piping and facilities	This project will provide water storage for Zone A in the Ord Community and Central Marina. The B and C booster pumps will pump water from Zone A tanks to Zones B and C tanks. It will provide needed storage and fire flows for the community.	Brian True	• Completed SS installation and testing, utility potholing, obtained easement from City & CSUMB. Tank pads complete. Concrete foundation ring poured for one tank. • Planned for SD installation, cut/cap/demo C-zone pipeline, SSMH testing, formwork for other tank concrete foundation ring.
2	GW-0123	B2 Zone Tank at CSUMB	• One 2.5 MG reservoir west of the B tank	This project will provide water storage for Zone B in the Ord Community.	TBD	• Preliminary Design in early 2022
3	GW-0305	California Avenue and Imjin Parkway Pipeline	• 2,550 feet of 24" water main in Imjin Parkway and California Ave	This project is part of the GW-0112 A1/A2 project which will reroute the existing T-main around the Sand Tank when the B/C booster pumps are upgraded	Brian True	• Phase 1 will be completed with A1/A2 project • Phase 2 will be completed with Sea Haven Phase 5B development near 2023
4	GW-0311/0312	Intermediate Tank Rehabilitation	• R&R 170,000-G Steel Tank • Recoat the tank • Replace WVs	This project consists of replacing isolation valves, repair and recoat the interior/exterior of the older steel tank	Brian True	• Part of GW-0112 project • Toledo Const will issue a change order for rafter repairs • Waiting on parts for Anderson-Pacific
5	GW-0356	PRV Rebuild	• Rebuild twenty-two (22) existing PRV stations	This project will replace the piping and valves within the existing PRV stations to bring up to current stds.	Victor Sanchez	• Complete

No	Project No.	Title	Description	Justification	PM	Status
6	MW-0163	Beach Road Pipeline - Del Monte Blvd. to DeForest Rd.	• Install 12" RW and W mains in Beach Road	This project will address Fire Flow Deficiencies in Central Marina area. It is located on Beach Road between DeForest Road to Del Monte Ave.	Andrew Racz	• Design completed as part of RW-0174 • City did not issue permit to construct due to potential impact on eucalyptus tree roots. • No funding for trenchless construction
7	MW-0302	Crescent Ave Connector to Reservoir 2	• Install 12" water main in Beach Road	This project will address Fire Flow Deficiencies in Central Marina. It is located on Beach Road between Reservoir 2 to Crescent Ave.	Andrew Racz	• Part of RW-0174 project
8	MS-0323	Cove Way & Cardoza Ave - Abdy Way to Reservation Road - Gravity Main	• Install 24” trunk sewer within northwest Marina	This project is part of the master plan recommendations. It requires a Reimbursement Agreement with Marina Station developer	Brian True	• Begin Preliminary Design in Spring 2022 • Coordinate with Marina Station Development in 2022
9	OW-0193	Imjin Pkwy Water Main Pipeline	• Install 2,800 LF of 12-inch water main	This project will improve connectivity within the Zone B between the Airport/UCMBest and Abrams/Preston Park area.	Andrew Racz	• Part of RW-0174 project
10	OW-0201	Giggling Transmission Main - D Booster to General Jim Moore	• Install 1,800 LF of 12-inch water main	This project will replace an existing 12" AC water main that has leaked and repaired several times.	Andrew Racz	• Begin Preliminary Design in Spring 2022
11	OW-0202	South Boundary Rd Pipeline	• Install 7,300 LF of 24-inch water main	This project serves the cities of Del Rey Oaks and Monterey. It will provide water to future customers in the area.	TBD	• Design is completed • Requested a Cost Recovery Agreement & line size from DRO. • Project will add a Concept Design for RW & sewer project to this project.

No	Project No.	Title	Description	Justification	PM	Status
12	OW-0206B	Inter-Garrison Road Pipeline Upsizing	• 18-inch water main between	This project will provide adequate fire flows to commercial properties in East Garrison and Schoonover	Andrew Racz	• Separate drawings/specs from 1st and 2nd phase • Construction can begin in Spring 2022
13	OS-0147/OS-0218	Ord Village LS & FM and Giggling FM Replacement	• Relocate Ord LS east of Hwy 1 • Install 10" SSFM in new alignment. • Replace STL SSFM for Giggling LS	This project replaces a 50+ old SSFM for Ord and Giggling LS that has leaked and is not accessible by O&M. Several SSOs has occurred from these SSFM in past. Relocating the Ord LS will eliminate two highway crossings and restores environmentally sensitive CA State Parks land.	Andrew Racz	• Ord LS and SSFM is 50% completed • Construction of Giggling SSFM to begin in Nov 2021 • Project construction to be completed by Mar 2022
14	OS-0152	Hatten & Booker LS Improvements	• Rehabilitate existing LS using submersible pumps and new wet well.	This project will replace the smaller lift stations that are beyond their useful life as a submersible wet well configuration LS.	Andrew Racz	• Booker LS is converted to a submersible LS as part of Sea Haven Ph 3 infrastructure by Wathen-Castanos. • 95% complete
15	OS-0348	Odor Control for Imjin parkway LS			Andrew Racz	• O&M and Engineering to work together in preparing the design • Begin design in Jan 2022
16	OS-0350	Imjin Parkway Gravity Sewer Manhole Rehabilitations	• Rehabilitate interior of fifteen (15) SSMHs in the Ord Village area	This project is to rehabilitate interior of fifteen (15) SSMHs in the Ord Village area and recondition using sand blast, grout, and Raven 405 coating.	Victor Sanchez	• Begin design in early 2022

No	Project No.	Title	Description	Justification	PM	Status
17	RW-0174	RUWAP - Distribution Mains	• Install 5-mile of RW pipe • 12 PRV stations • B&J @ Intx crossing	This project will Implement Recycled Water as a water source to meet the needs of MCWD's customers & to augment the current groundwater supply source for FORA.	Andrew Racz	• Substantial construction is completed • Project walkthrough Nov 3rd, 2021 • Project construction to be completed early 2022



2021-2022 Capital Improvement Projects

Marina Coast Water District
11 Reservation Road
Marina, CA 93933

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1" = 5,000'
(1:60,000)

AJR / June 2021

Return to Agenda

Marina Coast Water District
Staff Report

Agenda Item: 10-C Meeting Date: January 19, 2022

Prepared By: Kelly Cadiente Approved By: Remleh Scherzinger

Agenda Title: Receive the 4th Quarter 2021 District Water Consumption Report

Summary: The Board of Directors is requested to receive the 4th Quarter 2021 District Water Consumption Report. The report is a ten-year comparative report that is provided to the Board on a quarterly basis. Quarterly water consumption reports of the Ord Community have been submitted to the Board since 2006 and are organized by land-use jurisdiction. Reports submitted since 2016 include the consumption information for Central Marina as well as an analysis of variances between current-year projected consumption and prior-year consumption. In addition, two graphs of the data in the consumption report are included; 1) 10-Year Comparison of Annual Usage of Central Marina and the Ord Community, and 2) 10-Year Comparison of Annual Usage of the Ord Community by Jurisdiction.

Informational annotations for the data included in the report are as follows:

- There was early seasonal rainfall in October, dry weather in November, then a very wet month of December. Overall, 9.24" inches of rainfall was received during the 4th quarter of 2021 (October, November, December). The 6.2" inches of rain measured in December alone lifted the quarterly average rainfall amount well above the historical average of 4.45" inches.

- The fourth quarter measured evapotranspiration rate in South Salinas was 7.7" inches. This measurement was 0.77" inches above the historic quarterly average reading of 6.93" inches. For the 2021 calendar year, the evapotranspiration rate in South Salinas was 7.5 % higher than the historical average. The year-to-date measurement is 51.10" inches compared to the historical average of 47.51" inches.

Marina Coast Water District

10 Year Annual Consumption as of December 31, 2021

Note: Boundary = Jurisdiction

Criteria: Group = Boundary; Aggregate = Boundary,SubDiv; Compare = Reading_Year_AF; Account Status = *; Read Year = 2012..2021; Subdivision = *

Subdivision	2012 Consumption	2013 Consumption	2014 Consumption	2015 Consumption	2016 Consumption	2017 Consumption	2018 Consumption	2019 Consumption	2020 Consumption	2021 Consumption	Water Allocation	% of Allocation Used
Boundary: Central Marina												
Central Marina	1,684.28	1,696.27	1,599.58	1,388.97	1,327.46	1,349.94	1,400.92	1,315.18	1,402.40	1,343.82		
East Ridge	10.67	11.03	10.15	8.16	7.92	8.04	8.18	9.30	8.92	8.14		
MarinaConstruction	-	-	-	-	-	-	-	3.33	0.14	0.24		
MB Estates II	13.67	14.48	12.27	9.74	9.40	9.61	10.66	9.10	10.17	9.55		
MB Estates III	5.29	4.47	3.86	3.17	2.73	2.95	3.46	4.00	4.20	3.79		
Sea Breeze	10.65	11.24	10.27	9.02	8.81	8.80	8.91	7.92	8.87	9.83		
Total Central Marina	**1,724.56**	**1,737.50**	**1,636.13**	**1,419.05**	**1,356.32**	**1,379.34**	**1,432.12**	**1,348.83**	**1,434.69**	**1,375.36**		
Boundary: FOArmy												
Army (unmetered)	377.00	377.00	200.75	205.80	224.64	190.94	52.17	10.52	0.21	-		
Army	24.80	27.53	22.84	19.39	25.05	24.51	26.59	26.71	22.47	18.75		
Fitch Park	70.23	80.05	66.31	60.20	56.96	97.06	101.43	102.71	105.04	96.03		
Hayes Park	74.79	77.32	71.18	53.40	46.78	53.23	59.12	53.65	51.37	49.65		
Marshall Park	-	-	-	-	-	5.66	56.31	59.42	56.48	56.84		
Ord Kidney	95.54	104.17	80.47	71.44	70.02	70.14	83.27	108.33	128.11	116.49		
Stilwell Park	26.65	44.01	28.44	33.74	23.91	21.47	32.05	50.20	45.78	44.89		
Total FOArmy	669.01	710.07	470.00	443.97	447.35	463.01	410.93	411.55	409.47	382.64	1,577.00	24.26%
Boundary: FOCounty												
County	5.35	9.75	3.00	3.17	5.40	8.78	4.91	5.01	1.04	2.10		
CountyConstruction	1.71	0.57	-	-	0.68	-	0.86	-	-	-		
EastGarrison	2.80	5.56	35.21	71.61	65.92	136.90	175.55	202.19	225.57	219.40		
Total FOCounty	9.85	15.89	38.21	74.78	72.00	145.68	181.32	207.20	226.62	221.50	710.00	31.20%
Boundary: FOCSUMB												
CSUMB	156.05	176.63	152.68	104.04	97.61	128.61	130.90	113.71	86.87	117.16		
Frederick Park	93.13	93.21	63.02	65.91	67.34	63.52	56.50	42.83	30.22	32.67		
Schoonover I	127.43	123.49	105.32	102.44	97.96	98.39	103.86	99.17	101.81	94.37		
Schoonover II	28.88	32.10	23.92	20.69	20.15	23.84	26.73	21.77	23.47	20.61		
Total FOCSUMB	405.50	425.43	344.95	293.08	283.06	314.36	317.98	277.48	242.37	264.81	1,035.00	25.59%

Marina Coast Water District

10 Year Annual Consumption as of December 31, 2021

Note: Boundary = Jurisdiction

Criteria: Group = Boundary; Aggregate = Boundary,SubDiv; Compare = Reading_Year_AF; Account Status = *; Read Year = 2012..2021; Subdivision = *

Subdivision	2012 Consumption	2013 Consumption	2014 Consumption	2015 Consumption	2016 Consumption	2017 Consumption	2018 Consumption	2019 Consumption	2020 Consumption	2021 Consumption	Water Allocation	% of Allocation Used
Boundary: FOMarina												
Abrams HAuthor	10.31	12.14	8.98	8.39	9.43	10.77	12.02	5.90	7.16	5.09		
Abrams Interim	5.12	5.42	4.92	3.89	3.75	4.12	4.56	3.43	5.15	4.74		
Abrams Park	62.12	56.35	56.92	44.20	39.54	50.91	54.50	52.45	47.92	45.32		
Dunes CHOMP	8.19	7.14	9.12	8.58	6.77	5.41	6.88	6.42	3.51	4.28		
Dunes Comm	15.12	16.81	14.28	12.71	14.06	30.12	32.89	30.66	25.43	30.53		
Dunes on MB Res	-	-	0.10	4.69	24.69	45.20	64.16	64.39	79.30	83.14		
Dunes UV Apts	10.76	9.13	28.85	33.97	20.23	23.56	23.86	23.85	20.72	23.60		
Dunes UVSpecPlan	3.44	5.06	3.52	1.98	2.45	3.24	2.25	1.34	0.88	0.71		
Dunes VA DOD	-	-	-	-	0.09	5.42	2.08	2.61	2.25	1.92		
Imjin Office Park	2.30	1.28	1.60	2.03	4.89	4.61	2.47	7.93	9.09	7.69		
Marina	11.78	17.81	13.80	16.99	31.61	31.54	33.71	33.89	21.60	23.69		
MarinaAirport	5.26	4.08	2.75	2.30	2.03	2.77	7.50	3.45	6.24	4.52		
MarinaConstruction	8.56	16.55	35.13	25.33	39.64	42.83	25.28	35.63	68.54	54.52		
MarinaRecreation	-	-	-	-	-	0.05	-	-	-	-		
Preston Park	103.14	101.17	83.30	51.93	51.63	56.29	61.31	55.97	66.12	63.13		
Preston Shelter	6.39	6.63	5.85	5.43	6.63	5.83	5.92	5.06	4.16	7.25		
School	3.23	4.26	3.34	4.54	1.93	1.95	2.27	2.72	2.64	1.44		
SeaHaven	8.97	13.61	7.49	7.34	10.02	23.37	37.67	61.92	75.21	74.75		
Total FOMarina	264.68	277.44	279.97	234.28	269.40	348.00	379.34	397.62	445.91	436.31	1,325.00	32.93%
Boundary: FOSeaside												
Bay View	85.15	91.10	79.48	44.24	46.43	57.97	51.60	46.94	57.50	56.77		
GolfCourse	265.42	457.47	524.88	139.06	1.18	1.11	1.16	0.19	0.15	51.52		
Marina Coast Water District	-	-	-	-	-	-	-	0.04	0.08	0.82		
School	79.34	102.72	39.80	50.02	48.91	30.95	43.57	44.06	58.89	71.48		
Seaside	13.38	5.65	4.17	3.91	7.08	5.97	8.06	2.24	3.21	6.51		
Seaside Resort	0.31	0.45	0.63	0.51	0.89	0.98	1.23	1.21	1.89	1.15		
Seaside Soper	6.86	11.38	12.70	9.58	9.30	8.50	9.12	8.13	11.04	7.94		
SeasideConstruction	13.38	10.00	11.39	18.86	14.39	13.41	13.65	8.64	9.64	35.60		
SeasideHighland	146.57	158.76	134.27	123.69	109.28	114.89	126.20	116.47	134.89	125.56		
Sun Bay	66.54	64.40	44.95	48.70	57.89	58.66	59.44	59.13	61.21	51.80		
Total FOSeaside	676.95	901.94	852.27	438.57	295.35	292.44	314.02	287.04	338.50	409.17	1,012.50	40.41%

Marina Coast Water District

10 Year Annual Consumption as of December 31, 2021

Note: Boundary = Jurisdiction

Criteria: Group = Boundary; Aggregate = Boundary,SubDiv; Compare = Reading_Year_AF; Account Status = *; Read Year = 2012..2021; Subdivision = *

Subdivision	2012 Consumption	2013 Consumption	2014 Consumption	2015 Consumption	2016 Consumption	2017 Consumption	2018 Consumption	2019 Consumption	2020 Consumption	2021 Consumption	Water Allocation	% of Allocation Used
Boundary: FOUCMBES												
UCMBest	2.57	1.29	1.11	0.94	0.75	1.30	1.80	1.10	0.73	1.07		
Total FOUCMBES	2.57	1.29	1.11	0.94	0.75	1.30	1.80	1.10	0.73	1.07	230.00	0.46%
Total Ord Community	**2,028.57**	**2,332.06**	**1,986.51**	**1,485.61**	**1,367.91**	**1,564.79**	**1,605.39**	**1,581.99**	**1,663.59**	**1,715.50**	**5,659.50**	**30.31%**
Grand Total	**3,753.13**	**4,069.56**	**3,622.64**	**2,904.66**	**2,724.23**	**2,944.13**	**3,037.52**	**2,930.82**	**3,098.29**	**3,090.86**		

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Marina Coast Water District

2020 - 2021 Annual Consumption Variances

Subdivision	2020 Consumption	2021 Consumption	2021 vs 2020	%	Explanation
MarinaConstruction	0.14	0.24	0.10	74.6%	Amount varies with construction activity.
Sea Breeze	8.87	9.83	0.96	10.8%	Staff to Investigate
Army (unmetered)	0.21	-	(0.21)	-100.0%	All unmetered accounts are metered.
Army	22.47	18.75	(3.72)	-16.6%	Staff to Investigate
County	1.04	2.10	1.06	101.3%	Large industrial use in Sept 2021
CSUMB	86.87	117.16	30.29	34.9%	School Reopened
Schoonover II	23.47	20.61	(2.86)	-12.2%	Toilet Retrofits Complete June 2021
Abrams HAuthor	7.16	5.09	(2.07)	-28.9%	Varies depending on occupancy.
Dunes CHOMP	3.51	4.28	0.77	22.0%	Reopening of the Wellness Center in Summer 2021.
Dunes Comm	25.43	30.53	5.10	20.1%	Staff to Investigate
Dunes UV Apts	20.72	23.60	2.88	13.9%	Staff to Investigate
Dunes UVSpecPlan	0.88	0.71	(0.16)	-18.5%	Staff to Investigate
Dunes VA DOD	2.25	1.92	(0.32)	-14.4%	Staff to Investigate
Imjin Office Park	9.09	7.69	(1.40)	-15.5%	Repairs done to irrigation system in 2021.
MarinaAirport	6.24	4.52	(1.71)	-27.5%	Graniterock Hydrant Use in April 2020 vs. 2021.
MarinaConstruction	68.54	54.52	(14.02)	-20.5%	Amount varies with construction activity.
Preston Shelter	4.16	7.25	3.09	74.2%	Varies depending on occupancy.
School	2.64	1.44	(1.20)	-45.5%	Staff to Investigate
GolfCourse	0.15	51.52	51.37	33397.0%	City Seaside Well went down and exercised water available from MCWD through Agreement.
Marina Coast Water District	0.08	0.82	0.75	987.9%	Blackhorse Reservoir Usage - started end of Quarter in 2020.
School	58.89	71.48	12.58	21.4%	Increased usage of MPUSD schools located at Coe Avenue and Normandy and meter replacement at Seaside HS.
Seaside	3.21	6.51	3.30	102.7%	Increased usage in 2021 vs. 2020 from MPWMD & Veteran's Cemetery.
Seaside Resort	1.89	1.15	(0.74)	-39.0%	Staff to Investigate
Seaside Soper	11.04	7.94	(3.09)	-28.0%	Staff to Investigate
SeasideConstruction	9.64	35.60	25.96	269.3%	Amount varies with construction activity.
Sun Bay	61.21	51.80	(9.41)	-15.4%	Phase II Toilet Retrofits Complete June
UCMBest	0.73	1.07	0.33	45.5%	Increased Irrigation in 2021 vs. 2020.

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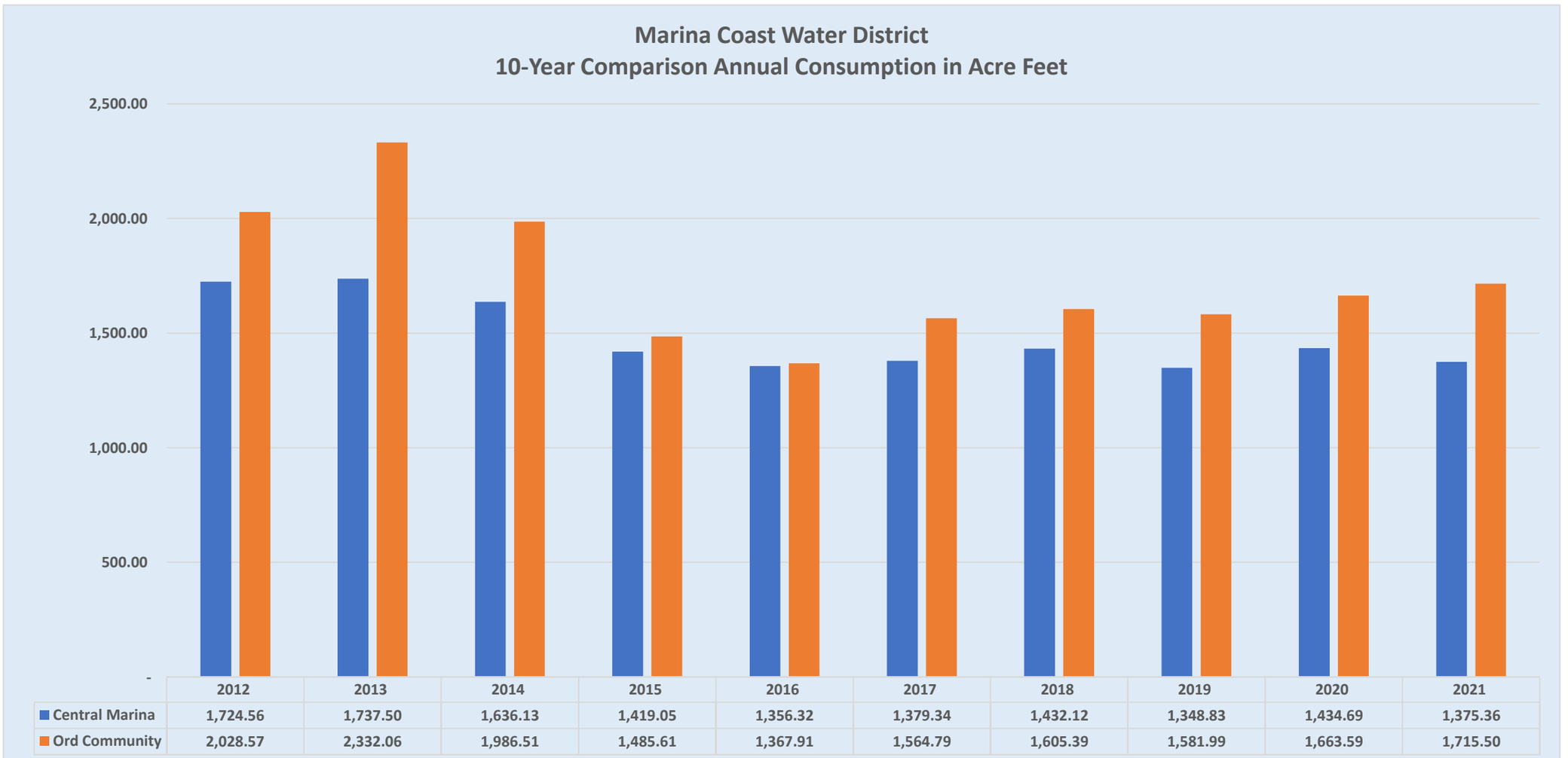
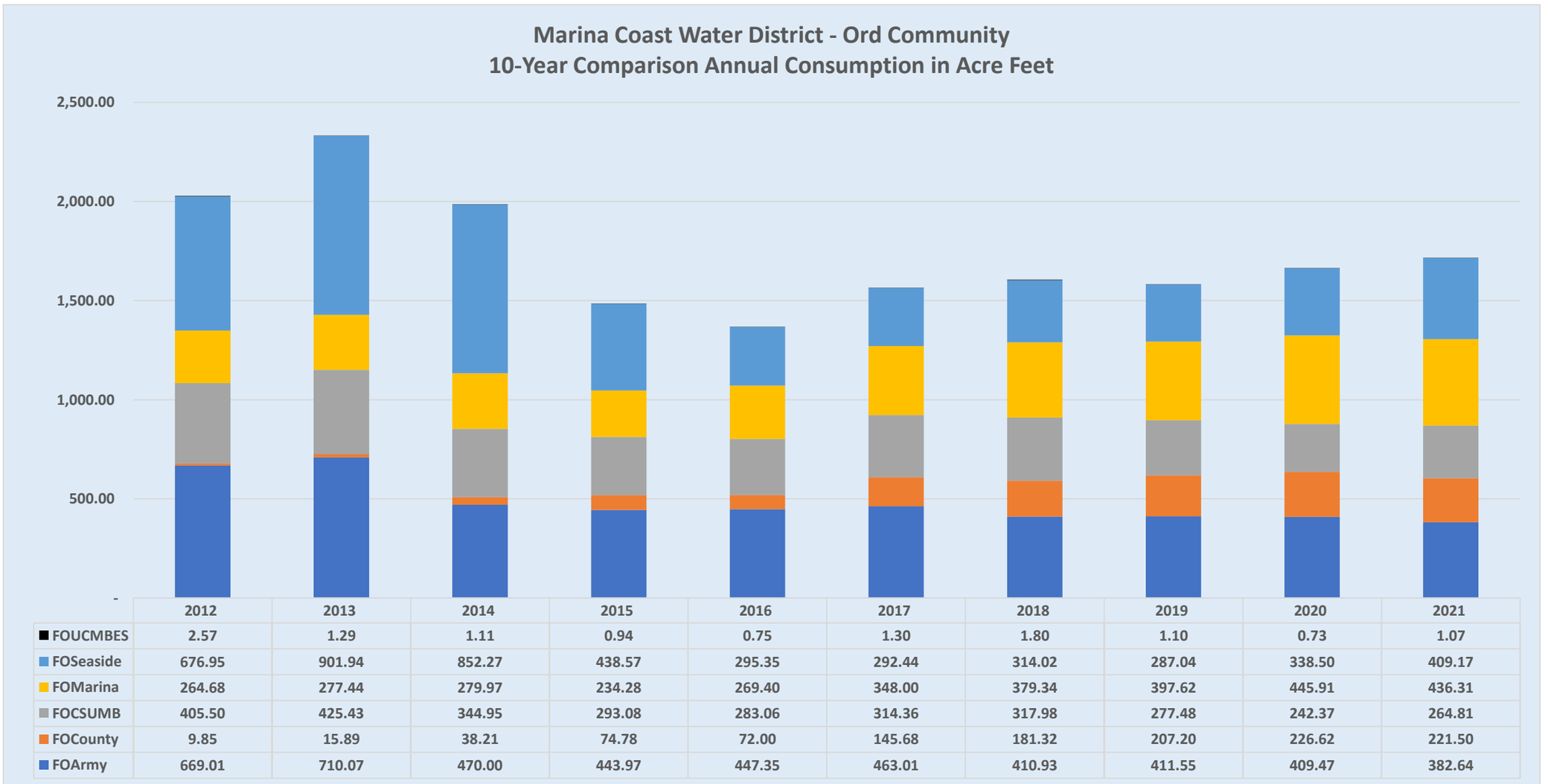


	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Central Marina	1,724.56	1,737.50	1,636.13	1,419.05	1,356.32	1,379.34	1,432.12	1,348.83	1,434.69	1,375.36
Ord Community	2,028.57	2,332.06	1,986.51	1,485.61	1,367.91	1,564.79	1,605.39	1,581.99	1,663.59	1,715.50



	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
FOUCMBES	2.57	1.29	1.11	0.94	0.75	1.30	1.80	1.10	0.73	1.07
FOSeaside	676.95	901.94	852.27	438.57	295.35	292.44	314.02	287.04	338.50	409.17
FOMarina	264.68	277.44	279.97	234.28	269.40	348.00	379.34	397.62	445.91	436.31
FOCSUMB	405.50	425.43	344.95	293.08	283.06	314.36	317.98	277.48	242.37	264.81
FOCounty	9.85	15.89	38.21	74.78	72.00	145.68	181.32	207.20	226.62	221.50
FOArmy	669.01	710.07	470.00	443.97	447.35	463.01	410.93	411.55	409.47	382.64

Return to Agenda

Marina Coast Water District
Staff Report

Agenda Item: 10-D Meeting Date: January 19, 2022

Prepared By: Kelly Cadiente Approved By: Remleh Scherzinger

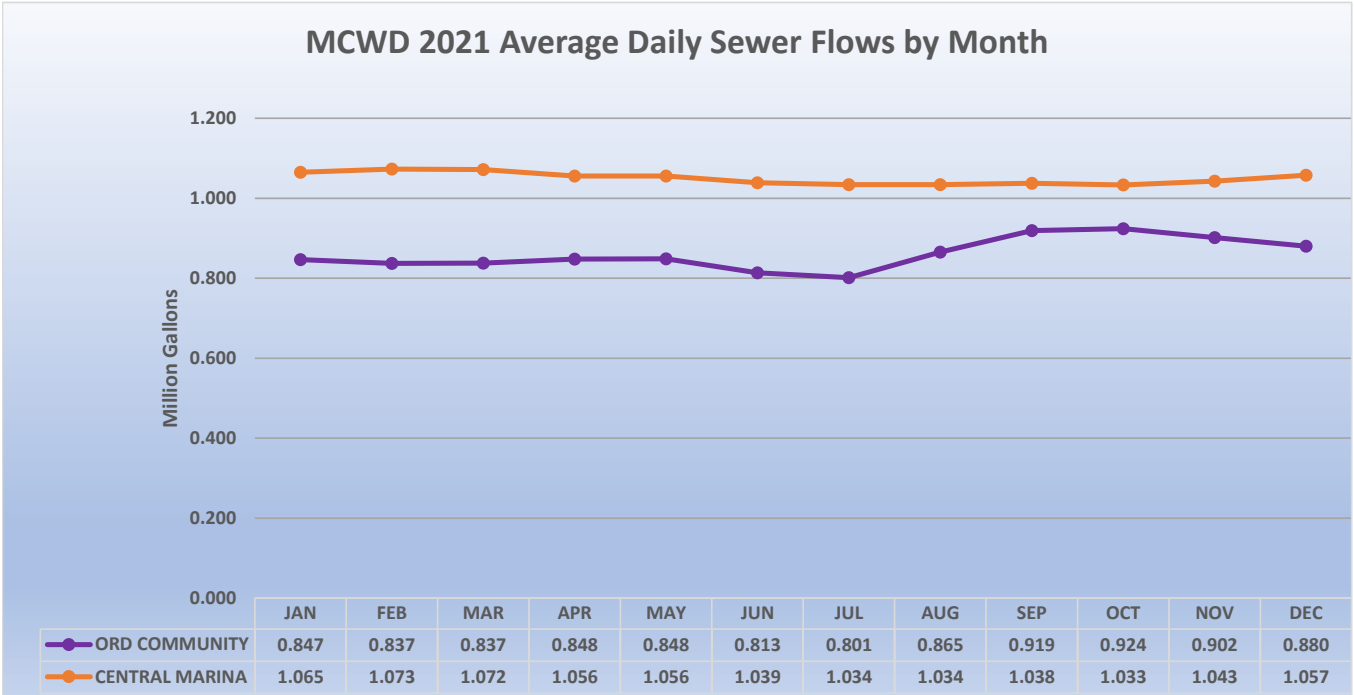
Agenda Title: 2021 Sewer Flow Report for Quarter Ended December 31, 2021

Summary: The Board is requested to receive the 2021 Sewer Flow Report for the 4th quarter of 2021 ended December 31, 2021. This staff report includes tracking information on sewer flows through the Monterey One Water Agency's (M1W) Fort Ord and Marina pump stations.

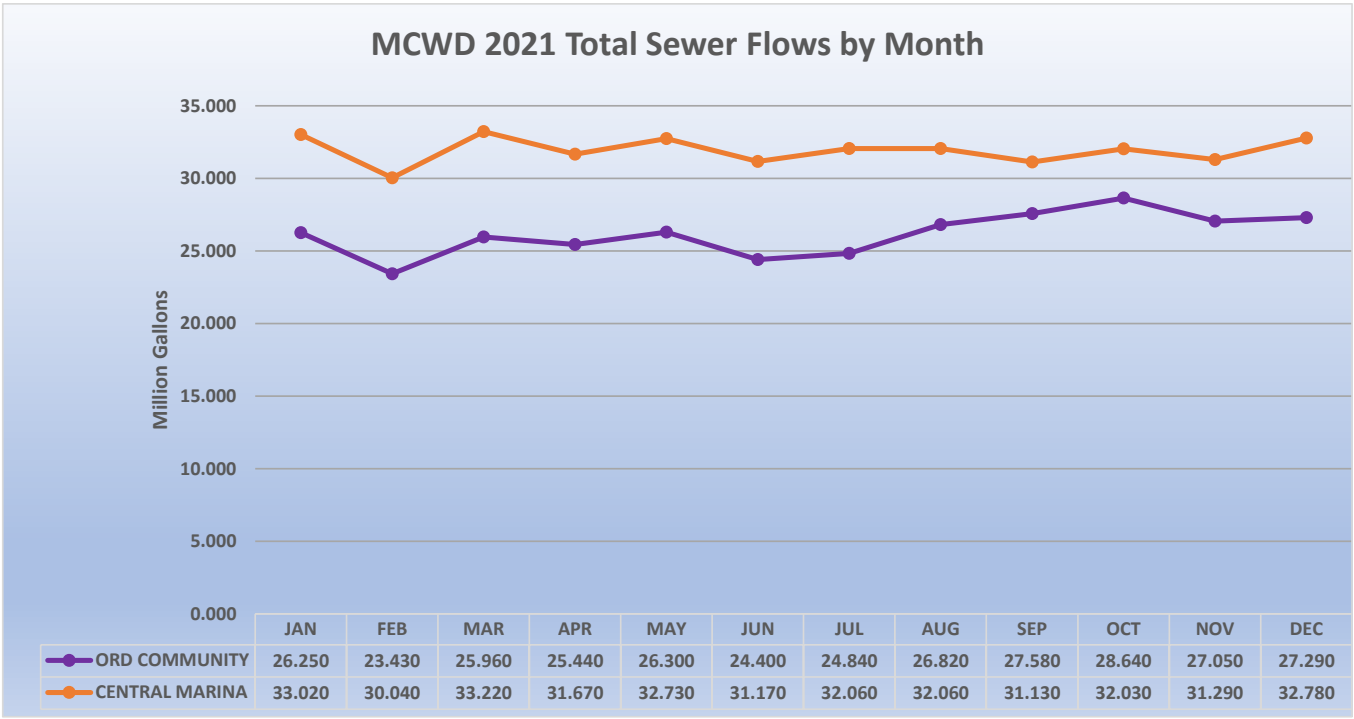
M1W provides flow data for the Marina Pump Station monthly through an automated report. Central Marina sanitary sewer flows for the quarter ended December 31, 2021, were 96.100 million gallons or 354.184 Acre Feet (AF) which yielded an average daily sewer flow of 1.045 million-gallons-per-day (MGD) or 3.850 AF per day. Total sewer flows for the calendar year for Central Marina as of December 31, 2021, were 383.200 million gallons or 1,412.314 AF.

The Ord Community's sanitary sewer flow to the M1W interceptor system is measured by a District flume structure located adjacent to the retired Main Garrison wastewater treatment plant. M1W also provides the flow data for the District flume through an automated report. The Ord Community sanitary sewer flows for the quarter ended December 31, 2021, was 82.980 million gallons or 305.829 AF, which yielded an average daily sewer flow of 0.902 MGD or 3.324 AF per day. Total sewer flows for the calendar year for the Ord Community as of December 31, 2021, were 314.000 million gallons or 1,157.272 AF.

This staff report also includes charts for January – December 2021 average daily flows and total flows in million gallons by month.



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORD COMMUNITY	0.847	0.837	0.837	0.848	0.848	0.813	0.801	0.865	0.919	0.924	0.902	0.880
CENTRAL MARINA	1.065	1.073	1.072	1.056	1.056	1.039	1.034	1.034	1.038	1.033	1.043	1.057



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORD COMMUNITY	26.250	23.430	25.960	25.440	26.300	24.400	24.840	26.820	27.580	28.640	27.050	27.290
CENTRAL MARINA	33.020	30.040	33.220	31.670	32.730	31.170	32.060	32.060	31.130	32.030	31.290	32.780