



MARINA COAST WATER DISTRICT

11 RESERVATION ROAD, MARINA, CA 93933-2099

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DIRECTORS

THOMAS P. MOORE
President

JAN SHRINER
Vice President

HERBERT CORTEZ
PETER LE
MATT ZEFFERMAN

Agenda

**Regular Board Meeting/Board Workshop, Board of Directors
Marina Coast Water District**

and

**Regular Board Meeting, Board of Directors
Marina Coast Water District Groundwater Sustainability Agency**

Monday, April 20, 2020, 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 April 20, 2020 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 only be allowed to listen to the proceedings as there is no opportunity for them to be acknowledged for comments. If they wish to address the Board for public comment or on an item on the agenda, they are encouraged to submit comments in writing to Paula Riso at priso@mcwd.org by 9:00 am on Monday, April 20, 2020; such comments will be distributed to the MCWD Board before the meeting.

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.

Prior to the meeting, participants should download the Zoom app at:

<https://zoom.us/download> A link to simplified instructions for use of the Zoom app is: <https://blog.zoom.us/wordpress/2018/07/03/video-communications-best-practice-guide/>

This meeting may be accessed remotely using the following Zoom link:

<https://zoom.us/j/93929746741?pwd=dG95d1o3Q01lYXJrUVpaWjI3L2czdz09> Password: 494644

To participate via phone, please call: 1-669-900-9128; Meeting ID: 939 2974 6741 Password: 494644

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

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 and 2840 4th Avenue, 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, Wednesday, April 15, 2020. 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.

2. Roll Call

3. Public Comment on Closed Session Items *Anyone wishing to address the Board on matters appearing on Closed Session 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.*

4. Closed Session

A. Pursuant to Government Code 54956.9
Conference with Legal Counsel – Existing Litigation

- 1) Marina Coast Water District vs California-American Water Company, Monterey County Water Resources Agency; and, California-American Water Company, Monterey County Water Resources Agency vs Marina Coast Water District, San Francisco Superior Court Case Nos. CGC-15-547125, CGC-15-546632 (Complaint for Damages, Breach of Warranties, etc.)
- 2) Bay View Community DE, LLC; Bryan Taylor; Greg Carter; and Brooke Bilyeu vs Marina Coast Water District; Board of Directors of Marina Coast Water District; County of Monterey and Does 1-25, inclusive, Monterey County Superior Court Case No. 18CV000765 (Petition for Writ of Mandate or Administrative Mandate, and Complaint for Declaratory and Injunctive Relief and Breach of Contract)
- 3) Marina Coast Water District, and Does 1-100 v, County of Monterey, County of Monterey Health Department Environmental Health Bureau, and Does 101-110, Monterey County Superior Court Case No. 18CV000816 (Petition for Writ of Mandate and Complaint for Injunctive Relief)
- 4) Marina Coast Water District, and Does 1-100 v, County of Monterey, Monterey County Board of Supervisors, and Does 101-110 (California-American Water Company, Real Party in Interest), Monterey County Superior Court Case No. 19CV003305 (Petition for Writ of Mandate and Complaint for Injunctive Relief)

B. Pursuant to Government Code 54956.9(d)(4)
Conference with Legal Counsel – Anticipated Litigation
Initiation of Litigation – Two Potential Cases

7:00 p.m. Reconvene Open Session

5. Reportable Actions Taken During Closed Session *The Board will announce any reportable action taken during closed session and the vote or abstention on that action of every director present, and may take additional action in open session as appropriate. Any closed session items not completed may be continued to after the end of all open session items.*

6. Pledge of Allegiance

7. 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.*

8. Presentation

- A. [Consider Adoption of Resolution No. 2020-18 in Recognition and Appreciation of Thomas Barkhurst and to Adjourn the Meeting in his Memory](#)

9. [Consent Calendar](#)

- A. [Receive and File the Check Register for the Month of March 2020](#)
- B. [Consider Approval of the 2019 Consumer Confidence Report for the Marina Coast Water District Water System, Central Marina and Ord Community](#)
- C. [Consider Adoption of Resolution No. 2020-19 to Authorize a Notice of Completion for the Inter-Garrison Road Water Distribution Pipeline Project be Filed with the Monterey County Recorder](#)
- D. [Consider Adoption of Resolution No. 2020-20 Ordering an Election, Requesting County Elections to Conduct the Election, and Requesting Consolidation of the Election Set for November 3, 2020](#)
- E. [Approve the Draft Revised Minutes of the Regular Joint Board/GSA Meeting of March 16, 2020](#)

10. **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. 2020-21 to Approve a Water Supply Assessment for the Marina Downtown Vitalization Specific Plan](#)
Action: The Board of Directors will consider approving a Water Supply Assessment for the Marina Down Vitalization Specific Plan.
- B. [Consider Adoption of Resolution No. 2020-22 to Approve a Water Supply Assessment and Written Verification of Supply for the Marina Municipal Airport Business and Industrial Park / UCMBEST Center](#)
Action: The Board of Directors will consider approving a Water Supply Assessment and Written Verification of Supply for the Marina Airport Business and Industrial Park / UCMBEST Center.
- C. [Consider Adoption of Resolution No. 2020-23 to Approve Amendment No. 8 to the Professional Services Agreement with Carollo Engineers for Design of the Regional Urban Water Augmentation Project Distribution Mains Project](#)
Action: The Board of Directors will consider approving an amendment with Carollo Engineers for design of the Regional Urban Water Augmentation Project Distribution Mains Project.

- D. [Consider Adoption of Resolution No. 2020-24 to Approve a Building Removal Funding Agreement between Marina Coast Water District and the Fort Ord Reuse Authority](#)

Action: The Board of Directors will consider approving a Building Removal Funding Agreement between Marina Coast Water District and the Fort Ord Reuse Authority.

- E. [Consider Adoption of Resolution No. 2020-25 to Approve a New Classification, Job Description and Salary Range for an Administrative Analyst for the Operations and Maintenance Department](#)

Action: The Board of Directors will consider approving a new classification, job description and salary range for an Administrative Analyst for the Operations and Maintenance Department.

- F. [Consider Adoption of Resolution No. 2020-26 to Approve the Restructuring of the Accounting Department and the New Classification, Job Description and Salary Range for an Accountant](#)

Action: The Board of Directors will consider approving a new classification, job description and salary range for an Accounting Position for the Finance Department.

- G. [Consider Providing Direction to the Board President Regarding the Election of One Special District Representative to the Local Agency Formation Commission of Monterey County](#)

Action: The Board of Directors will consider providing direction to the Board President regarding the election of one Special District Representative to the Local Agency Formation Commission of Monterey County.

11. Budget Workshop

- A. [Receive Presentation on Draft District FY 2020-2021 Budget, Rates, Fees and Charges for the Marina and Ord Community Service Areas and Provide Direction Regarding Preparation of the Final Budget Documents](#)

- B. [Receive District Draft Five-Year Capital Improvements Projects Budget for the Marina and Ord Community Service Areas and Provide Direction Regarding Preparation of the Final CIP Budget Documents](#)

12. 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

1. [Receive an Update on the District's Procedures Regarding Shut-Offs for Delinquent Accounts](#)

- B. Counsel's Report

13. Board Member Requests for Future Agenda Items

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

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

*Regular Meeting: Monday, May 18, 2020, 6:30 p.m.,
District Office, 11 Reservation Road, Marina
Via Videoconference Meeting*

Marina Coast Water District
Agenda Transmittal

Agenda Item: 8-A

Meeting Date: April 20, 2020

Prepared By: Derek Cray

Approved By: Keith Van Der Maaten

Agenda Title: Consider Adoption of Resolution No. 2020-18 in Recognition and Appreciation of Thomas Barkhurst and to Adjourn the Meeting in his Memory

Staff Recommendation: The Board of Directors adopt Resolution No. 2020-18 recognizing and showing appreciation of Thomas Barkhurst and to adjourn the meeting in his memory.

Background: *Strategic Plan Mission Statement – Our objective is to recruit and retain a highly qualified, diverse and inspired workforce that delivers the essential services of our mission statement to the public while providing outstanding customer service.*

Discussion/Analysis: On March 13, 2020, Thomas Barkhurst, the District’s Laboratory Supervisor, unexpectedly passed away. The sudden loss of Thomas was a shock to the District, and it was a tremendous loss. Thomas spent over 20 years with the District, working his way up from Water Quality Technician to the Lab Supervisor in 2012. He was extremely intelligent and passionate about his job. Thomas was a wealth of knowledge, but more importantly he was a good friend and colleague to those he worked with at the District.

Throughout his career he helped mentor many CSUMB students as they interned with him at the Laboratory. Thomas also trained his fellow Operations and Maintenance System Operators on sample setup and analysis. He worked closely with many contract laboratories and State regulators ensuring the District always met compliance.

In honor of Thomas and his over 20 years of service to the District, it is requested to adjourn the meeting in his memory.

Environmental Review Compliance: None required.

Other Considerations: None.

Material Included for Information/Consideration: [Resolution No. 2020-18.](#)

Action Required: X Resolution Motion Review
(Roll call vote is required.)

Board Action

Motion By _____ Seconded By _____ No Action Taken _____

Ayes _____ Abstained _____

Noes _____ Absent _____

April 20, 2020

Resolution No. 2020-18
Resolution of the Board of Directors
Marina Coast Water District
In Recognition and Appreciation of Thomas Barkhurst
And Adjourning the Meeting In his Memory

RESOLVED by the Board of Directors ("Directors") of the Marina Coast Water District ("District"), at a meeting duly called and held on April 20, 2020, via a videoconference pursuant to Gov. Newsom's Executive Order N-29-20, as follows:

WHEREAS, on March 13, 2020, our dear friend and co-worker, Thomas Barkhurst, unexpectedly passed away; and,

WHEREAS, Thomas was a well-liked and valued employee with the District for over 20 years; and,

WHEREAS, Thomas started his career with the District in 1999 as a Water Quality Chemist, and was promoted to the Laboratory Supervisor in 2012; and,

WHEREAS, Thomas ensured that the District's water met strict standards through rigorous in-house testing; and,

WHEREAS, Thomas, trained and mentored many student interns with the District, and his fellow Operations and Maintenance System Operators; and,

WHEREAS, Thomas had a brilliant mind, was passionate about his job and truly touched the lives of those around him; and,

WHEREAS, the Board of Directors and the employees of the Marina Coast Water District are deeply saddened by the passing of Thomas and he will be deeply missed.

NOW, THEREFORE, BE IT RESOLVED, that the Marina Coast Water District does hereby express to the Barkhurst family their deep grief and sincere sympathy on behalf of the Board and the employees; and,

BE IT FURTHER RESOLVED that a copy of this Resolution be forwarded to the Barkhurst family; and,

BE IT FURTHER RESOLVED; that the Board of Directors of the Marina Coast Water District does hereby adjourn this meeting in memory of Thomas Barkhurst.

PASSED AND ADOPTED April 20, 2020, 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 _____

Thomas P. Moore, President

ATTEST:

Keith Van Der Maaten, 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. 2020-18 adopted April 20, 2020.

Keith Van Der Maaten, Secretary

Marina Coast Water District
Agenda Transmittal

Agenda Item: 9

Meeting Date: April 20, 2020

Prepared By: Paula Riso

Approved By: Keith Van Der Maaten

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 March 2020
- B) Consider Approval of the 2019 Consumer Confidence Report for the Marina Coast Water District Water System, Central Marina and Ord Community
- C) Consider Adoption of Resolution No. 2020-19 to Authorize a Notice of Completion for the Inter-Garrison Road Water Distribution Pipeline Project be Filed with the Monterey County Recorder
- D) Consider Adoption of Resolution No. 2020-20 Ordering an Elections, Requesting County Elections to Conduct the Election, and Requesting Consolidation of the Election Set for November 3, 2020
- E) Approve the Draft Revised Minutes of the Regular Joint Board/GSA Meeting of March 16, 2020

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 March 2020](#); [2019 Consumer Confidence Report](#); [Resolution No. 2020-19](#); [Notice of Completion for Inter-Garrison water main](#); [Resolution No. 2020-20](#); [Letter from Elections Department](#); and, [draft minutes of March 16, 2020](#).

Action Required: _____ Resolution X Motion _____ Review
(Roll call vote is required.)

Board Action

Motion By _____ Seconded By _____ No Action Taken _____

Ayes _____ Abstained _____

Noes _____ Absent _____

Marina Coast Water District
Agenda Transmittal

Agenda Item: 9-A

Meeting Date: April 20, 2020

Prepared By: Kelly Cadiente

Approved By: Keith Van Der Maaten

Agenda Title: Receive and File the Check Register for the Month of March 2020

Staff Recommendation: The Board of Directors receive and file the March 2020 expenditures totaling \$2,965,880.69.

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 March 2020 and the Board is requested to receive and file the check register.

Environmental Review Compliance: None required.

Financial Impact: Yes 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: [March 2020 Summary Check Register](#).

Action Required: Resolution Motion Review
(Roll call vote is required.)

Board Action

Motion By _____ Seconded By _____ No Action Taken _____

Ayes _____ Abstained _____

Noes _____ Absent _____

MARCH 2020 SUMMARY CHECK REGISTER

DATE	CHECK #	CHECK DESCRIPTION	AMOUNT
03/05/2020	WIRE	Brough Construction, Inc.	525,270.35
03/05/2020	WIRE	Law Offices of Rachelle Chong	1,250.00
03/05/2020	68869 - 68932	Check Register	69,461.52
03/16/2020	68933 - 69006	Check Register	1,277,871.54
03/27/2020	69007 - 69051	Check Register	573,449.18
03/06/2020	ACH	State of California - EDD	9,938.90
03/06/2020	ACH	MassMutual Retirement Services, LLC	14,104.79
03/06/2020	ACH	CalPERS	25,524.49
03/06/2020	ACH	Internal Revenue Service	46,875.38
03/06/2020	500689 - 500693	Payroll Checks and Direct Deposit	112,593.36
03/06/2020	500694 - 500695	Check Register	1,472.27
03/16/2020	500696 - 500712	Check Register	84,561.38
03/20/2020	ACH	State of California - EDD	11,312.84
03/20/2020	ACH	Internal Revenue Service	52,425.22
03/20/2020	ACH	MassMutual Retirement Services, LLC	14,128.01
03/20/2020	ACH	CalPERS	25,217.50
03/20/2020	500713 - 500717	Payroll Checks and Direct Deposit	112,927.37
03/20/2020	500718	Check Register	606.27
03/27/2020	500719 - 500731	Check Register	6,890.32
TOTAL DISBURSEMENTS			<u>2,965,880.69</u>

Check No	Invoice Date	Check Date	Vendor Name	Description	Amount
WIRE	01/31/2020	03/05/2020	Brough Construction, Inc.	18" Potable Pipeline to Replace 12" Main - Inter Garrison	525,270.35
WIRE	01/31/2020	03/05/2020	Law Offices of Rachele Chong	CPUC Expert	1,250.00
68869	01/31/2020	03/05/2020	ACE Hardware	General Supplies	436.04
68870	02/07/2020	03/05/2020	Quinn Company	Transfer Switch Repair - Booker LS	1,135.70
68871	02/25/2020	03/05/2020	Insight Planners	Hosting, Web Development/ Maintenance 02/2020	1,119.00
68872	01/28/2020	03/05/2020	Home Depot Credit Services	General Supplies	971.00
68873	01/29/2020	03/05/2020	Grainger	Air Backfill Tamper, General Supplies	2,529.55
68874	02/12/2020	03/05/2020	Area Communications	Answering Service 01/2020	139.00
68875	01/31/2020	03/05/2020	Monterey Regional Waste Management District	Hazardous Waste Disposal	64.00
68876	02/05/2020	03/05/2020	MBS Business Systems	(2) Copier Maintenance Fees 10/2019 - 12/2019	3,376.26
68877	01/31/2020	03/05/2020	Peninsula Welding & Medical Supply, Inc.	Gas Cylinder Tank Rental Fee - Welding Supplies	12.90
68878	02/11/2020	03/05/2020	Water Awareness Comm Mtry	ZunZun Performances - Marshall Elementary, Dual Language Academy	1,200.00
68879	02/05/2020	03/05/2020	Staples Credit Plan	Office Supplies	1,062.90
68880	02/18/2020	03/05/2020	Verizon Wireless	Cell Phones Service 02/2020	1,171.12
68881	02/06/2020	03/05/2020	Orkin Franchise 925	BLM/ IOP Pest Control 02/2020	191.00
68882	02/21/2020	03/05/2020	Federal Express	Shipping Charges	31.40
68883	02/01/2020	03/05/2020	Maynard Group	NEC Phone Equipment Maintenance, AT&T Wireless Backup, eMVS Cloud, VoIP Services 02/2020	3,179.40
68884	01/31/2020	03/05/2020	DataProse, LLC	Customer Billing Statements 01/2020	5,681.47
68885	02/11/2020	03/05/2020	Pitney Bowes, Inc. (Supplies)	Postage Machine Supplies	130.00
68886	02/28/2020	03/05/2020	O'Reilly Automotive Stores, Inc.	General/ Auto Supplies	142.96
68887	02/05/2020	03/05/2020	E&M Electric and Machinery, Inc.	Wonderware/ Modbus Suite Support 05/23/20 - 05/22/21, SCADA Water Drivers/ Allen-Bradley Suite 01/28/20 - 01/27/21	1,660.00
68888	01/31/2020	03/05/2020	WIN-911 Software	Software Maintenance/ Support 12/15/19 - 12/14/20	1,200.00
68889	02/06/2020	03/05/2020	First Choice Services	Coffee Supplies	133.89
68890	01/30/2020	03/05/2020	East Bay Tire Co.	Tire Replacement - Vehicle #0303	451.18
68891	02/24/2020	03/05/2020	Conservation Rebate Program	3039 Marina Dr #7 - Washer Rebate	150.00
68892	02/24/2020	03/05/2020	Conservation Rebate Program	3039 Ferris Cir - Toilet Rebate	75.00
68893	02/24/2020	03/05/2020	Conservation Rebate Program	16714 Pickett Ln - Washer Rebate	100.00
68894	02/27/2020	03/05/2020	Conservation Rebate Program	129 Redondo Ct - (2) Toilet Rebates	150.00
68895	01/15/2020	03/05/2020	Monterey Language Services, LLC	Translation of Collection Policy on Delinquent Accounts	2,515.20
68896	01/30/2020	03/05/2020	CA Department of Finance	Population Change Estimate 01/2018 - 12/2018	1,000.00
68897	02/26/2020	03/05/2020	Green Rubber-Kennedy AG, LP	(3) Asahi Ball Valves, Supply Parts - Chlorine Tanks	1,945.06

Check No	Invoice Date	Check Date	Vendor Name	Description	Amount
68898	02/06/2020	03/05/2020	U.S. Bank Corporate Payment Systems	Advertisement - Electrical/ Mechanical Field Supervisor, Cloud Hosted Server for CityWorks/ ESRI, GFOA Certificate of Achievement Program, Premiere Global Service, CA-NV Section AWWA Spring Conference Fee and Hotel, Annual Employment Law Update Webinar, General Supplies	6,884.74
68899	02/03/2020	03/05/2020	Marina Tire & Auto Repair	Oil Change - Truck #1238	43.00
68900	02/25/2020	03/05/2020	Conservation Rebate Program	3020 Kennedy Ct - Washer Rebate	100.00
68901	02/28/2020	03/05/2020	Monterey Bay Technologies, Inc.	IT Support Services 03/2020	3,450.00
68902	02/18/2020	03/05/2020	ICONIX Waterworks (US), Inc.	Gaskets/ Bolts, General Supplies	1,144.96
68903	02/12/2020	03/05/2020	Eurofins Eaton Analytical, Inc.	Laboratory Testing	4,725.00
68904	02/27/2020	03/05/2020	Conservation Rebate Program	4448 Ocean Heights Ct - Toilet Rebate	75.00
68905	01/28/2020	03/05/2020	James Heitzman	Meeting with Attorney	1,080.00
68906	02/18/2020	03/05/2020	Conservation Rebate Program	4516 Seascape Ct - Toilet Rebate	50.00
68907	02/29/2020	03/05/2020	Peninsula Messenger LLC	Courier Service 03/2020	165.00
68908	01/31/2020	03/05/2020	Western Exterminator Company	Pest Control - Beach Office 01/2020	91.50
68909	03/01/2020	03/05/2020	Simpler Systems, Inc.	UB Datapp Maintenance 03/2020	500.00
68910	03/01/2020	03/05/2020	Pure Janitorial, LLC	BLM Janitorial Services 02/2020	1,850.00
68911	12/13/2019	03/05/2020	MWH Constructors Inc.	Construction Management Services - RUWAP	10,775.50
68912	02/01/2020	03/05/2020	Greenwaste Recovery, Inc.	Garbage Collection & Recycling Services 02/2020	697.75
68913	10/22/2019	03/05/2020	Customer Service Refund	Refund Check - 11351 Verdis Valley	184.03
68914	02/27/2020	03/05/2020	Customer Service Refund	Refund Check - Hydrant Meter	416.34
68915	02/27/2020	03/05/2020	Customer Service Refund	Refund Check - 31 Azalea Cir	13.61
68916	02/27/2020	03/05/2020	Customer Service Refund	Refund Check - 234 Mc Culloch Cir	19.23
68917	02/27/2020	03/05/2020	Customer Service Refund	Refund Check - 17635 Reynolds St	3.00
68918	02/27/2020	03/05/2020	Customer Service Refund	Refund Check - Hydrant Meter	1,634.29
68919	02/27/2020	03/05/2020	Customer Service Refund	Refund Check - 13419 Warren Ave Park A	42.86
68920	02/27/2020	03/05/2020	Customer Service Refund	Refund Check - Breckinridge East #38	388.51
68921	02/27/2020	03/05/2020	Customer Service Refund	Refund Check - 13422 Warren Ave	35.00
68922	02/27/2020	03/05/2020	Customer Service Refund	Refund Check - 2606 Lighthouse Ln	35.00
68923	02/27/2020	03/05/2020	Customer Service Refund	Refund Check - 199 Linde Cir	13.14
68924	02/27/2020	03/05/2020	Customer Service Refund	Refund Check - 343 Ardenes Cir	35.00
68925	02/27/2020	03/05/2020	Customer Service Refund	Refund Check - Hydrant Meter	1,124.27
68926	02/27/2020	03/05/2020	Customer Service Refund	Refund Check - 3184 Vista Del Camino	27.80
68927	02/27/2020	03/05/2020	Customer Service Refund	Refund Check - 654 Wahl Ct	35.00
68928	02/27/2020	03/05/2020	Customer Service Refund	Refund Check - 4775 Sea Crest Dr #87	101.79

Check No	Invoice Date	Check Date	Vendor Name	Description	Amount
68929	02/27/2020	03/05/2020	Customer Service Refund	Refund Check - 3293 Michael Dr	22.74
68930	02/27/2020	03/05/2020	Customer Service Refund	Refund Check - Hydrant Meter	1,669.00
68931	02/27/2020	03/05/2020	Customer Service Refund	Refund Check - 475 Lewis Pl	33.73
68932	02/27/2020	03/05/2020	Customer Service Refund	Refund Check - 3093 Magyar Pl	40.70
68933	02/29/2020	03/16/2020	ACE Hardware	General Supplies	1,736.23
68934	02/18/2020	03/16/2020	Quinn Company	ATS - Well 31, Marina/ BC Booster, Dunes LS, Crescent LS, East Garrison LS; Gensets - Dunes LS, East Garrison LS	127,232.55
68935	02/20/2020	03/16/2020	Monterey Peninsula Unified School District	Water Conservation Education 01/2020	2,689.98
68936	02/25/2020	03/16/2020	PG&E	Deposit for Engineering Review - A1/A2 Tanks B/C BPS	2,500.00
68937	02/25/2020	03/16/2020	Grainger	General Supplies	284.32
68938	03/09/2020	03/16/2020	Petty Cash	Replenishment	193.92
68939	01/31/2020	03/16/2020	Schaaf & Wheeler	Design Phase - A1/A2 Tanks B/C BPS	17,251.93
68940	02/29/2020	03/16/2020	Monterey Regional Waste Management District	Hazardous Waste Disposal	386.00
68941	02/29/2020	03/16/2020	Peninsula Welding & Medical Supply, Inc.	Gas Cylinder Tank Rental Fee - Welding Supplies	12.90
68942	02/29/2020	03/16/2020	The Californian	Advertisement - Electrical/ Mechanical Field Supervisor, Notice to Bidders Advertisement - RUWAP and Imjin LS	2,330.97
68943	02/29/2020	03/16/2020	The Monterey County Herald	Advertisement - Electrical/ Mechanical Field Supervisor, Notice to Bidders Advertisement - RUWAP	2,739.93
68944	03/02/2020	03/16/2020	Environmental Resource Associates	Laboratory Testing	1,208.87
68945	03/04/2020	03/16/2020	Monterey Bay Analytical Services	Laboratory Testing	312.00
68946	02/19/2020	03/16/2020	Fast Response On-Site Testing	Annual Mask Fit/ Hearing Testing	1,900.80
68947	02/13/2020	03/16/2020	Harris & Associates	Construction Management/ Inspection Services - Inter Garrison Pipeline, Developers (East Garrison, Wathen-Castanos Homes)	44,915.00
68948	03/05/2020	03/16/2020	Orkin Franchise 925	BLM/ IOP Pest Control 03/2020	191.00
68949	01/16/2020	03/16/2020	Johnson Controls Security Solutions LLC	Heat Sensor Replacement - Ord Office	829.65
68950	02/20/2020	03/16/2020	Mettler Toledo, Inc.	Calibrate/ Certify Balances (Top-Loader and 2 Analyticals)	652.65
68951	03/03/2020	03/16/2020	Cypress Coast Ford	Replace Brakes, Tires, Oil Change - Vehicle #1401	1,962.31
68952	03/01/2020	03/16/2020	Maynard Group	NEC Phone Equipment Maintenance, AT&T Wireless Backup, eMVS Cloud, VoIP Services 03/2020	3,179.40
68953	02/25/2020	03/16/2020	Shape Incorporated	Lift Handle - Airport LS	358.34
68954	02/25/2020	03/16/2020	HD Supply Facilities Maintenance LTD	Swing Check Valve - B Reservoir	39.34
68955	02/10/2020	03/16/2020	Core & Main LP	(250) 3/4" 3G-DS Register Bottom Load	41,651.57
68956	02/29/2020	03/16/2020	DataProse, LLC	Customer Billing Statements 02/2020	5,108.02
68957	03/01/2020	03/16/2020	American Messaging Services, LLC	Pager Service - O&M	58.35
68958	03/02/2020	03/16/2020	Quinn Rental Services	Generator Rental - Ord Village LS	10,237.97

Check No	Invoice Date	Check Date	Vendor Name	Description	Amount
68959	02/25/2020	03/16/2020	Azteca Systems, Inc.	Cityworks Update/ Support 04/2020 - 03/2021	15,000.00
68960	02/13/2020	03/16/2020	Carollo Engineers, Inc.	Engineering Services - RUWAP	2,066.60
68961	02/28/2020	03/16/2020	American Supply Company	Janitorial Supplies	240.08
68962	02/28/2020	03/16/2020	Dilbeck & Sons, Inc.	Fence Repair - BLM	2,350.16
68963	03/01/2020	03/16/2020	Mobile Modular	Modular Office - Water Resources 03/2020	743.69
68964	03/13/2020	03/16/2020	Imjin Office Park Owners Association	Association Fees - 920/ 940 Second Ave	22,000.00
68965	03/10/2020	03/16/2020	Conservation Rebate Program	299 Carmel Ave #46 - Toilet Rebate	50.00
68966	02/20/2020	03/16/2020	Don Chapin Co., Inc	Generator Pads - Crescent LS, Dunes LS, East Garrison LS	16,359.00
68967	02/02/2020	03/16/2020	Calcon Systems, Inc.	SCADA - Installation/ Integration of Existing Sites, New Radios	357,973.31
68968	03/03/2020	03/16/2020	Univar Solutions USA, Inc.	Chlorine - Intermediate Reservoir, Wells 10, 11	3,224.87
68969	02/13/2020	03/16/2020	Bay Area Coating Consultants, Inc.	Warranty Inspection - Reservoir 2	3,639.00
68970	02/24/2020	03/16/2020	Sturdy Oil Company	(350) gals Diesel - Dunes LS, East Garrison LS, (230) gals Clear Diesel - Convault Tank/ O&M Yard	1,137.42
68971	01/31/2020	03/16/2020	Star Sanitation LLC	Mobile Restroom Rental - Beach Office	71.01
68972	03/05/2020	03/16/2020	First Choice Services	Coffee Supplies	199.08
68973	03/02/2020	03/16/2020	Bay Area Barricade Service, Inc.	Traffic Equipment	4,644.58
68974	03/11/2020	03/16/2020	Brough Construction, Inc.	18" Potable Pipeline to Replace 12" Main - InterGarrison	93,571.54
68975	02/11/2020	03/16/2020	Uline, Inc.	(2) IBC Tanks	1,285.34
68976	03/04/2020	03/16/2020	Conservation Rebate Program	120 Belle Dr - (3) Toilet Rebates	225.00
68977	03/04/2020	03/16/2020	Conservation Rebate Program	3009 Shorebird Pl - Washer Rebate	100.00
68978	03/04/2020	03/16/2020	Conservation Rebate Program	381 Redwood Heights Ct - Washer Rebate	150.00
68979	03/04/2020	03/16/2020	Conservation Rebate Program	3012 Vera Ln - (3) Toilet Rebates	257.00
68980	03/04/2020	03/16/2020	Conservation Rebate Program	3351 Drew St - Toilet Rebate	125.00
68981	03/10/2020	03/16/2020	Conservation Rebate Program	347 Carmel Ave #3 - (2) Toilet Rebates	150.00
68982	01/31/2020	03/16/2020	Stratecon, Inc.	Consulting Services for RDP Litigation 01/2020	8,325.00
68983	02/24/2020	03/16/2020	Voyager Fleet Systems, Inc.	Fleet Gasoline	2,922.72
68984	03/04/2020	03/16/2020	Green Rubber-Kennedy AG, LP	PVC Fittings, Couplings, Pipes - Chemical Tanks, Parts - Air Compressor	2,912.93
68985	03/10/2020	03/16/2020	Marina Tire & Auto Repair	Replace Ignition Coil/ Plugs - Vehicle #1238, Oil Change - Vehicles #0505, #1303	1,164.55
68986	02/05/2020	03/16/2020	Friedman & Springwater LLP	Legal Fees - MCWD v CPUC, RPD Superior Court Damages Cases 01/2020	121,986.02
68987	02/10/2020	03/16/2020	Richards, Watson & Gershon	Regional Project Litigation 01/2020	133,456.62
68988	02/19/2020	03/16/2020	Edges Electrical Group, LLC	Generator Plug and Power Cord	706.80

Check No	Invoice Date	Check Date	Vendor Name	Description	Amount
68989	02/13/2020	03/16/2020	Remy Moose Manley, LLP	Legal Fees - CPUC, RAMCO Well, Desalination Plan/MPWSP 01/2020	45,211.77
68990	02/12/2020	03/16/2020	Churchwell White, LLP	Legal Fees - CA-AM Water Co v MCWD 01/2020	6,083.00
68991	02/10/2020	03/16/2020	Griffith, Masuda & Hobbs	Legal Fees - Groundwater, Local Coastal Development Permit, PWM Expansion, Regional Desalination Project Litigation, RUWAP, Bay View Mobile Home Park, FORA, Developer (Campus Town Project), General Matters	34,210.46
68992	03/10/2020	03/16/2020	Access Monterey Peninsula, Inc.	Filming and Production 02/2020	460.00
68993	02/28/2020	03/16/2020	Evoqua Water Technologies, LLC	Chemical Storage Tank - East Garrison LS, Intermediate Reservoir, Wells 10, 11; (4,101) gals Bioxide - East Garrison LS	51,003.50
68994	02/24/2020	03/16/2020	Lou's Gloves, Inc.	Nitrile Gloves	532.00
68995	02/20/2020	03/16/2020	Aleshire & Wynder, LLP	Legal Fees - Opinion for Bay View Community vs MCWD 01/2020	9,554.88
68996	02/12/2020	03/16/2020	Dataflow Business Systems, Inc.	Ord Copier Maintenance 02/2020	362.72
68997	02/29/2020	03/16/2020	Western Exterminator Company	Pest Control - Beach Office 02/2020	91.50
68998	03/06/2020	03/16/2020	TIAA Commercial Finance, Inc.	(3) Office Copiers, eCopy ScanStation Leases 03/2020	1,201.91
68999	02/29/2020	03/16/2020	Iron Mountain, Inc.	Shredding Service 02/2020	163.18
69000	02/28/2020	03/16/2020	AT&T	Phone/ Alarm Line Services 02/2020	200.84
69001	02/28/2020	03/16/2020	Marina Coast Water District (BLM)	BLM Water, Sewer, Fire Service 02/2020	363.85
69002	02/19/2020	03/16/2020	Johnson Electronics	Security System Maintenance - BLM	514.25
69003	02/26/2020	03/16/2020	EKI Environment & Water, Inc.	Groundwater Planning Sustainability Study, Water Supply Augmentation Study - Fort Ord, City of Marina Permitting of CalAm Project Wells - Environmental	56,170.08
69004	03/01/2020	03/16/2020	Verizon Connect NWF, Inc.	GPS Service - (2) Meter Reader Trucks 02/2020	38.00
69005	02/20/2020	03/16/2020	MWH Constructors Inc.	Construction Management Services - RUWAP	2,142.00
69006	02/28/2020	03/16/2020	United Rentals, Inc.	Trench Compactor	2,566.28
69007	03/19/2020	03/27/2020	Alhambra and Sierra Springs	Lab Grade Water	193.95
69008	03/09/2020	03/27/2020	PG&E	Gas and Electric Service 02/2020	62,891.88
69009	02/28/2020	03/27/2020	Home Depot Credit Services	General Supplies	2,111.07
69010	03/10/2020	03/27/2020	Grainger	General Supplies	160.67
69011	03/11/2020	03/27/2020	Area Communications	Answering Service 02/2020	139.00
69012	02/29/2020	03/27/2020	Schaaf & Wheeler	Staff Meetings and Follow-Up, Design Phase - A1/A2 Tanks B/C BPS, System Map CAD Updates, Ord Village LS Force Main, RUWAP, Developers (Lower Stilwell, Marina Airport WSA, Wathen-Castanos Homes, Marina DVSP WSA)	70,141.74

Check No	Invoice Date	Check Date	Vendor Name	Description	Amount
69013	03/09/2020	03/27/2020	Environmental Resource Associates	Laboratory Quality Control Samples	846.14
69014	03/17/2020	03/27/2020	Monterey Bay Analytical Services	Laboratory Testing	780.00
69015	03/05/2020	03/27/2020	Staples Credit Plan	Office Supplies	1,783.56
69016	03/04/2020	03/27/2020	Harris & Associates	Construction Management Inspection Services - Inter Garrison Pipeline, Developers (Dunes, East Garrison, Wathen-Castanos Homes)	50,213.79
69017	03/11/2020	03/27/2020	Cypress Coast Ford	Oil Change, Replace Rear Brake Pads, Resurface Rotors - Vehicle #1304; Oil Change - Vehicle #1305	436.50
69018	03/13/2020	03/27/2020	HD Supply Facilities Maintenance LTD	Flags and Paint	531.84
69019	03/03/2020	03/27/2020	DataProse, LLC	Insert Printing - New Toilet Rebates Buckslip	852.86
69020	03/04/2020	03/27/2020	Conservation Rebate Program	5100 Coe Ave #193 - Toilet Rebate	50.00
69021	03/20/2020	03/27/2020	NEC Financial Services, Inc.	Phone Equipment Lease 03/2020	335.76
69022	03/13/2020	03/27/2020	Carollo Engineers, Inc.	Bid/ Engineering Services - RUWAP	16,144.86
69023	03/12/2020	03/27/2020	Fastenal Industrial & Construction Supplies	General Supplies	82.44
69024	03/12/2020	03/27/2020	Cal-Risk Control Services, Inc	Valley Fever and COVID-19 Prevention/ Awareness Class	885.00
69025	02/20/2020	03/27/2020	Don Chapin Co., Inc	Chemical Tank Offload/ Crane - East Garrison LS at Booster F, Wells 10, 11, 29, 31, 34, Watkins Gate	1,686.47
69026	02/28/2020	03/27/2020	Calcon Systems, Inc.	SCADA Electrical Installation/ Integration of Existing Sites	124,881.17
69027	03/13/2020	03/27/2020	Power Engineers, Inc.	Cityworks/ ESRI Support Services 02/2020	270.00
69028	02/29/2020	03/27/2020	Star Sanitation LLC	Mobile Restroom Rental - Beach Office	71.01
69029	03/16/2020	03/27/2020	Conservation Rebate Program	3339 Michael Dr - Washer Rebate	150.00
69030	03/16/2020	03/27/2020	Conservation Rebate Program	3174 Ninole Dr - Toilet Rebate	50.00
69031	03/16/2020	03/27/2020	Conservation Rebate Program	479 Carmel Ave - Toilet Rebate	75.00
69032	03/16/2020	03/27/2020	Conservation Rebate Program	467 Reindollar Ave - (2) Toilet Rebates	150.00
69033	03/16/2020	03/27/2020	Conservation Rebate Program	192 Lillian Pl - (3) Toilet Rebates	225.00
69034	03/19/2020	03/27/2020	Conservation Rebate Program	144 Hilo Ave - Toilet Rebate	50.00
69035	03/19/2020	03/27/2020	Conservation Rebate Program	111 Brookside Pl - (2) Toilet Rebates	150.00
69036	03/18/2020	03/27/2020	Green Rubber-Kennedy AG, LP	Pump Parts and Supplies	1,844.47
69037	03/06/2020	03/27/2020	U.S. Bank Corporate Payment Systems	Advertisement - Electrical/ Mechanical Field Supervisor, System Operator I/II; Cloud Hosted Server - CityWorks/ ESRI; Premiere Global Service; Level Transducer/ Versaline Series 4000 - Watkins Gate; ASWP Analyzer Sample Pump - Reservoir B; 2020 Springbrook User Conference Fee; GIS Training; Groundwater Monitoring/ Measurements, Management and Applications Training; General Supplies	9,345.88
69038	03/13/2020	03/27/2020	Richards, Watson & Gershon	Regional Project Litigation 02/2020	27,403.05

Check No	Invoice Date	Check Date	Vendor Name	Description	Amount
69039	03/06/2020	03/27/2020	Edges Electrical Group, LLC	Generator Plug and Power Cord - Freight	19.55
69040	03/13/2020	03/27/2020	Remy Moose Manley, LLP	Legal Fees - CPUC, Desalination Plan/ MPWSP, RAMCO Well 02/2020	54,927.73
69041	03/23/2020	03/27/2020	Monterey Bay Technologies, Inc.	IT Support Services 04/2020, (2) 8GB Backup Harddisks, (3) Power Supplies - Yealink Phones, Wireless Keyboard/ Mouse, McAfee Antivirus 1-Year Renewal - 52 Licenses	5,615.16
69042	03/12/2020	03/27/2020	ICONIX Waterworks (US), Inc.	Water Works Supplies	2,783.79
69043	03/20/2020	03/27/2020	Eurofins Eaton Analytical, Inc.	Laboratory Testing, General Supplies	1,135.00
69044	03/06/2020	03/27/2020	Griffith, Masuda & Hobbs	Legal Fees - Bay View Mobile Home Park, Capacity Charges, FORA, Groundwater, Local Coastal Development Permit, PWM Expansion, RUWAP, Developers (Joby Aviation), General Matters	28,666.50
69045	03/11/2020	03/27/2020	Aleshire & Wynder, LLP	Legal Fees - Opinion for Bay View Community vs. MCWD 02/2020	7,398.85
69046	03/17/2020	03/27/2020	EKI Environment & Water, Inc.	2019 Airborne Electromagnetic Survey, Groundwater Planning Sustainability Study, Proposition 68 Sustainable Groundwater Management Grant Program, Water Supply Augmentation Study - Fort Ord	88,813.10
69047	03/11/2020	03/27/2020	Akel Engineering Group, Inc.	Master Plans/ Capacity Fees Study - Water, Sewer, Recycled Water	7,533.75
69048	03/04/2020	03/27/2020	Ferguson Enterprises, Inc #686	General Supplies	252.63
69049	03/13/2020	03/27/2020	Costco Wholesale Membership	Membership Renewal	120.00
69050	03/16/2020	03/27/2020	Ferguson Enterprises LLC #3326	(100) lbs Granular Chorine	552.26
69051	03/01/2020	03/27/2020	Greenwaste Recovery, Inc.	Garbage Collection & Recycling Services	697.75
ACH	03/06/2020	03/06/2020	State of California - EDD	Payroll Ending 02/28/20	9,938.90
ACH	03/06/2020	03/06/2020	MassMutual Retirement Services, LLC	Payroll Ending 02/28/20	14,104.79
ACH	03/06/2020	03/06/2020	CalPERS	Payroll Ending 02/28/20	25,524.49
ACH	03/06/2020	03/06/2020	Internal Revenue Service	Payroll Ending 02/28/20	46,875.38
500689-500693	03/06/2020	03/06/2020	Payroll Checks and Direct Deposit	Payroll Ending 02/28/20	112,593.36
500694	03/06/2020	03/06/2020	General Teamsters Union	Payroll Ending 02/28/20	866.00
500695	03/06/2020	03/06/2020	WageWorks, Inc.	Payroll Ending 02/28/20	606.27
500696	02/10/2020	03/16/2020	Becks Shoe Store, Inc. - Salinas	Boot Benefit - Water Resources	200.00
500697	03/03/2020	03/16/2020	ACWA/ JPIA	Medical, Dental, Vision, EAP Insurance 04/2020	74,559.71
500698	02/25/2020	03/16/2020	AFLAC	Employee Paid Benefits 02/2020	2,649.40
500699	03/02/2020	03/16/2020	Thomas P. Moore	Board Compensation 02/2020	50.00

Check No	Invoice Date	Check Date	Vendor Name	Description	Amount
500700	03/05/2020	03/16/2020	LegalShield	Employee Paid Benefits 03/2020	25.90
500701	03/02/2020	03/16/2020	Matthew Zefferman	Board Compensation 02/2020	50.00
500702		VOID			
500703	03/09/2020	03/16/2020	Employnet, Inc.	Temporary Administrative Assistant 02/20 - 03/05	1,947.35
500704	02/17/2020	03/16/2020	Principal Life	Employee Paid Benefits 03/2020	493.02
500705	02/10/2020	03/16/2020	Lincoln National Life Insurance Company	Life, Short/ Long Term, AD&D Insurance 03/2020	2,488.61
500706	02/18/2020	03/16/2020	WageWorks, Inc.	FSA Admin Fees 01/2020	152.00
500707	03/02/2020	03/16/2020	Peter Le	Board Compensation 02/2020	50.00
500708	03/02/2020	03/16/2020	Herbert Cortez	Board Compensation 02/2020	50.00
500709	02/15/2020	03/16/2020	Transamerica Life Insurance Company	Employee Paid Benefits 02/2020	1,047.64
500710	02/29/2020	03/16/2020	Cintas Corporation No. 630	Uniforms, Towels, Rugs 02/2020	636.75
500711	03/02/2020	03/16/2020	Jan Shriner	Board Compensation 02/2020	50.00
500712	01/31/2020	03/16/2020	Liebert Cassidy Whitmore	General Matters 01/2020	111.00
ACH	03/20/2020	03/20/2020	State of California - EDD	Payroll Ending 03/13/20	11,312.84
ACH	03/20/2020	03/20/2020	Internal Revenue Service	Payroll Ending 03/13/20	52,425.22
ACH	03/20/2020	03/20/2020	MassMutual Retirement Services, LLC	Payroll Ending 03/13/20	14,128.01
ACH	03/20/2020	03/20/2020	CalPERS	Payroll Ending 03/13/20	25,217.50
500713-500717	03/20/2020	03/20/2020	Payroll Checks and Direct Deposit	Payroll Ending 03/13/20	112,927.37
500718	03/20/2020	03/20/2020	WageWorks, Inc.	Payroll Ending 03/13/20	606.27
500719	03/05/2020	03/24/2020	CWEA - Monterey Bay Section	(3) Membership Renewals, Grade I Collection System Certification Renewal	665.00
500720	03/19/2020	03/24/2020	Employnet, Inc.	Temporary Administrative Assistant 03/09 - 03/13	961.35
500721	03/11/2020	03/24/2020	WorkWell Medical Group	General Consultation Review	300.00
500722	03/17/2020	03/24/2020	Principal Life	Employee Paid Benefits 04/2020	427.94
500723	03/10/2020	03/24/2020	Lincoln National Life Insurance Company	Life, Short/ Long Term, AD&D Insurance 04/2020	2,699.18
500724	03/16/2020	03/24/2020	WageWorks, Inc.	FSA Admin Fees 02/2020	152.00
500725	02/29/2020	03/24/2020	Liebert Cassidy Whitmore	Legal Fees - General Matters 02/2020	1,147.00
500726	03/27/2020	03/27/2020	Thomas P. Moore	Board Compensation 03/2020	50.00
500727	03/27/2020	03/27/2020	Matthew Zefferman	Board Compensation 03/2020	50.00
500728	03/25/2020	03/27/2020	Employnet, Inc.	Temporary Administrative Assistant 03/16 - 03/17	221.85
500729	03/27/2020	03/27/2020	Peter Le	Board Compensation 03/2020	50.00
500730	02/19/2020	03/27/2020	Andrew Racz	PE License Renewal	116.00
500731	03/27/2020	03/27/2020	Jan Shriner	Board Compensation 03/2020	50.00
Total Disbursements for March 2020					2,965,880.69

Marina Coast Water District
Agenda Transmittal

Agenda Item: 9-B

Meeting Date: April 20, 2020

Prepared By: Derek Cray

Approved By: Keith Van Der Maaten

Agenda Title: Consider Approval of the 2019 Consumer Confidence Report for the Marina Coast Water District Water System, Central Marina and Ord Community

Staff Recommendation: Staff recommends approval of the 2019 Consumer Confidence Report for the Marina Coast Water District Water System, Central Marina and Ord Community.

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.*

Discussion/Analysis: The Safe Drinking Water Act requires water utilities to provide accurate and timely information to consumers about the quality of their drinking water. The US Environmental Protection Agency and California State Water Resource Control Board, Division of Drinking Water (formerly known as the California Department of Public Health (CDPH)) adopted regulations requiring the distribution of the Consumer Confidence Report (CCR) to water utility customers by July 1st each year. The District has provided CCR's (formerly called annual water quality report) to District customers since 1989.

The 2019 CCR summarizes the results of detected contaminants in District's supply wells and distribution systems conducted in calendar year 2019, or the most recent sampling year. The District's water system did not have any violation in 2019 and is in compliance with State and Federal drinking water regulations.

The 2019 CCR will be mailed together with each customer's water bill starting May 2020. A separate mailing will be conducted for residents in the Ord military housing at or about the same time. Copies will be distributed to Alliance Residential, businesses, apartment managers, and school administrators for further distribution to customers who do not receive a water bill directly from the District. Staff will coordinate with the US Army and CSUMB's News and Public Information Officer to establish the website links for access by the military and university communities. The CCR will be available at the District's website at www.mcwd.org.

Also, new for this year, the CCR will be translated in four different languages: Korean, Vietnamese, Tagalog, and Spanish. Once the draft is approved, staff will contract with a translation company and will have the translated version available on our website. Each person receiving the English CCR via mail, will have a description in it on where to access the CCR in one of the four other languages if needed.

Environmental Review Compliance: None required.

Financial Impact: Yes No Funding Source/Recap: Printing and translation expense will come from the Laboratory Budget, Marina Water and Ord Water Funds appropriately.

Marina Coast Water District



2019 Consumer Confidence Report

In Memory of Thomas Barkhurst

Marina Coast Water District is proud to present the 2019 Consumer Confidence Report. This annual water quality report includes information about where your water comes from, what it contains, and how it compares to drinking water standards. As in the past, the District gives you the assurance that your drinking water meets stringent California and Federal drinking water standards.

If you have any questions regarding the information in this report or about your water, please contact the Operations and Maintenance Manager, Derek Cray at (831)883-5903. You can also visit our website at www.mcwd.org.

Water Supply and Treatment

The District provides groundwater produced from eight wells delivered through a distribution system network of seven storage tanks and nearly 162 miles of water main pipeline. Three deep supply wells (10, 11, and 12) located in Central Marina draw groundwater from the 900-foot aquifer in the Salinas Valley Groundwater Basin. The groundwater is treated at each well site for disinfection to remove naturally-occurring hydrogen sulfide that can cause odor. Well 12 did not supply water to the distribution system in 2019 as it was inactive.

Five supply wells (29, 30, 31, 34, and Watkins Gate) located in the Ord Community draw groundwater from the Salinas Valley Groundwater Basin 900-foot, 400-foot, and lower 180-foot aquifers. Groundwater from these supply wells is disinfected in the Ord Community chlorination treatment plant.

In 2005, the Central Marina and Ord Community water

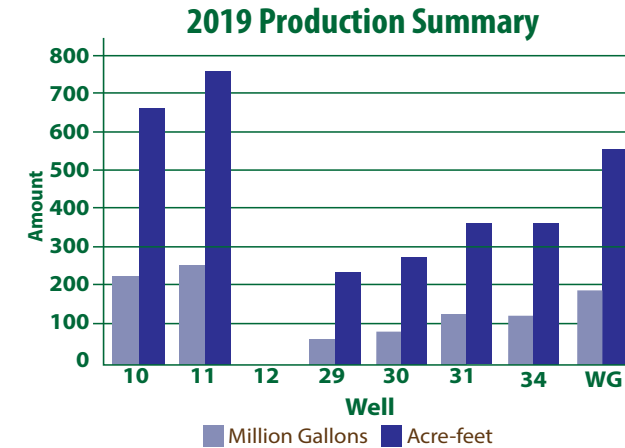
Source Water Assessment

Several source water assessments have been completed. The source water assessment considers several factors: the presence of possible contaminating activity (PCA) such as current or historic human activities that are potential origins of contamination for a drinking water source, its proximity to the source, the risk associated with the PCA, and the construction and setting of the source. These factors are then ranked and the source is considered most vulnerable to the PCAs at the top of the ranking.

In July 2001, the California Department of Public Health (CDPH) completed an assessment of each groundwater supply well in Central Marina which concluded that the wells are most vulnerable to historic waste dumps, landfill activities, and military installations.

In February 2002, an assessment was completed of each groundwater supply well in the Ord Community.

Báo cáo này chứa thông tin rất quan trọng về nước uống của bạn. Vui lòng truy cập trang web của chúng tôi cho một phiên bản dịch của báo cáo này, hoặc liên hệ với chúng tôi tại (831) 883-6131 để hỗ trợ thêm.
www.mcwd.org

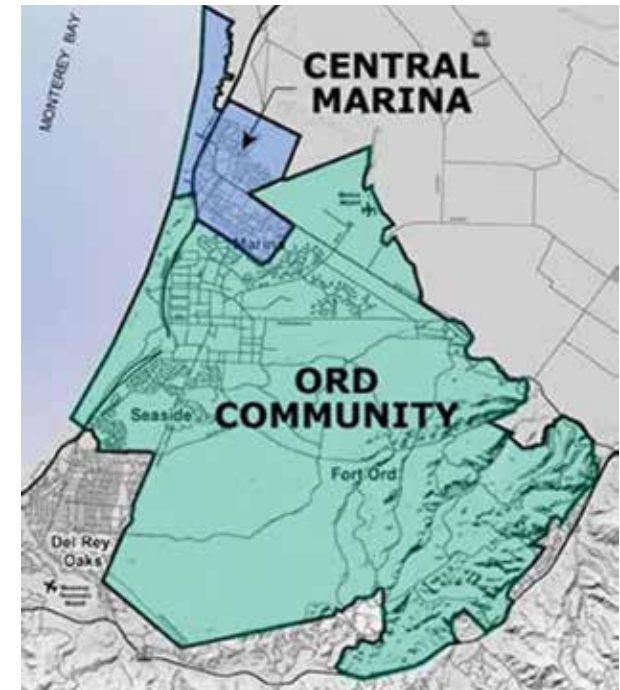


systems were connected to allow water to flow between the systems to meet peak demands and improve overall service.

The assessment showed which of the wells are most vulnerable to known volatile organic contaminant plumes from the closed landfill on the former Fort Ord; some plumes include saltwater intrusion, sewer collection system, above-ground storage tanks, irrigated crops, transportation corridors, farm machinery repair sites, and septic systems. In November 2012, a completed source assessment for the Watkins Gate Well determined that the well was most vulnerable to Military Installations. In February 2014, a completed assessment for Well 34 determined that the well was most vulnerable to Military installations (former Fort Ord), agricultural drainage, saltwater intrusion, and sewer collection systems.

Full details of the assessments may be viewed at the following locations: MCWD, 11 Reservation Road, Marina, CA, or at SWRCB DDW, 1 Lower Ragsdale Drive, Building 1, Suite 120, Monterey, CA.

이 보고서에는 식수에 대한 매우 중요한 정보가 포함되어 있습니다. 이 보고서의 번역된 버전은 당사 웹 사이트를 방문하거나 (831) 883-6131로 연락하여 추가 지원을 받으십시오. www.mcwd.org



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Phone: (831) 384-6131
Fax: (831) 883-5995
www.mcwd.org
ccr@mcwd.org

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.

Board meetings are open to the public and are held on the third Monday of every month at the City of Marina Council Chambers, 211 Hillcrest Avenue at 6:30 pm. Agendas are posted in the following places at least 72 hours before each meeting: Marina Coast Water District, Marina and Seaside City Halls, Marina and Seaside Libraries and the Marina Post Office.

Este informe contiene información muy importante sobre su agua potable. Visite nuestro sitio web para obtener una versión traducida de este informe, o póngase en contacto con nosotros al (831) 883-6131 para obtener más ayuda. www.mcwd.org

Ang ulat na ito ay naglalaman ng napakahalagang impormasyon tungkol sa iyong inuming tubig. Mangyaring bisitahin ang aming website para sa isang isinalin na bersyon ng ulat na ito, o makipag-ugnay sa amin sa (831) 883-6131 para sa karagdagang tulong. www.mcwd.org

Water Quality

The District diligently monitors drinking water quality and once again, is proud to report that your tap water meets California and Federal drinking water standards.

State Total Coliform Rule and Federal Groundwater Rule

This Consumer Confidence Report (CCR) reflects changes in drinking water regulatory requirements during 2016. All water systems are required to comply with the state Total Coliform Rule. Effective April 1, 2016, all water systems are also required to comply with the federal Revised Total Coliform Rule. The new federal rule maintains the purpose to protect public health by ensuring the integrity of the drinking water distribution system and monitoring for the presence of microbials (i.e., total coliform and E. coli bacteria). The U.S. EPA anticipates greater public health protection as the new rule requires water systems that are vulnerable to microbial contamination to identify and fix problems. Water systems that exceed a specified frequency of total coliform occurrences are required to conduct an assessment to determine if any sanitary defects exist. If found, these must be corrected by the water system.

Trichloroethylene (TCE)

TCE was a common solvent used by the US Army on the former Fort Ord. In 2019, TCE (below the MCL, or standard level) was detected in the District supply wells 29 and 31. With the interconnection of the two water systems, drinking water may be supplied to either Central Marina or the Ord Community distribution systems depending on water demand. The District also continues to regularly monitor for TCE in its water supply.

The Army operates a network of shallow groundwater monitoring wells to track progress in its ongoing cleanup of the TCE contamination plume from the now-closed landfill and fire drill area; Army groundwater monitoring wells do not supply drinking water to District customers. TCE has also been detected in many Army groundwater monitoring wells.

Nitrate

Nitrate in drinking water at levels above 10 mg/L is a health risk for infants of less than six months of age. Such nitrate levels in drinking water can interfere with the capacity of the infant's blood to carry oxygen, resulting in a serious illness; symptoms include shortness of breath and blueness of the skin. Nitrate levels above 10 mg/L may also affect the ability of the blood to carry oxygen in other individuals, such as pregnant women, and those with certain specific enzyme deficiencies. If you are caring for an infant, or you are pregnant, you should ask advice from your health care provider. Nitrate levels may rise quickly for short periods of time because of rainfall

or agricultural activity.

Arsenic

While your drinking water meets the federal and state standard for arsenic, it does contain low levels of arsenic. The arsenic standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. The U.S. Environmental Protection Agency continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Marina Coast Water District is responsible for providing high quality drinking water but cannot control the variety of materials used in plumbing components. When your water has been sitting in the pipes for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water,

testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/lead>.

A Notice on Radon

Radon is a radioactive gas that you cannot see, taste, or smell. It is found throughout the U.S. Radon can move up through the ground and into a home through cracks and holes in the foundation. Radon can build up to high levels in all types of homes. Radon can also get into indoor air when released from tap water from showering, washing dishes, and other household activities. Compared to radon entering the home through soil, radon entering the home through tap water will in most cases be a small source of radon in indoor air. Radon is a known human carcinogen. Breathing air containing radon can lead to lung cancer. Drinking water containing radon may also cause increased risk of stomach cancer. If you are concerned about radon in your home, test the air in your home. Testing is inexpensive and easy. You should pursue radon removal for your home if the level of radon in your air is 4 picocuries per liter of air (pCi/L) or higher. There are simple ways to fix a radon problem that are not too costly. For additional information, call your State radon program (1-800-745-7236), the U.S. EPA Safe Drinking Water Hotline (1-800-426-4791), or the National Safety Council Radon Hotline (1 800-767-7236).

What Are the Sources of Contaminants?

The sources of drinking water (both tap and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or human activity. Contaminants that may be present in source water include:

- **Microbial Contaminants**, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- **Inorganic Contaminants**, such as salts and metals, that can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- **Pesticides and Herbicides**, that may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- **Organic Chemical Contaminants**, including synthetic and volatile organic chemicals, that are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.
- **Radioactive Contaminants**, that can be naturally-occur-

ring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the U.S. Environmental Protection Agency (USEPA) and the State Water Resources Control Board (State Board) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. State Board regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

A note to the Immuno-compromised: Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).



The District's Customer Service staff is available to assist you Monday through Friday, 8 AM to 5:30 PM.

Educational Information and Special Health Information

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline (1-800-426-4791).

Other Water Information Sources

CA State Water Resources Control Board Division of Drinking Water Programs:

waterboards.ca.gov/drinking_water/programs

USEPA Division of Ground Water and Drinking Water:

water.epa.gov/drink

Centers for Disease Control: cdc.gov

Fort Ord Cleanup Project: fortordcleanup.com

How to Read Water Quality Tables

The following tables list the results of detected contaminants in the District's distribution system and groundwater supply wells. While most monitoring was completed through December 2019, regulations allow the District to monitor certain chemicals less than once per year because the levels do not change frequently. The test results are divided into the following sections: *Primary Drinking Water Standards*, *Secondary*

Drinking Water Standards, *Other Constituents*, and *Unregulated Contaminants*. To help better understand the report, use the Definitions of Terms given below.

To read the table, start with the column titled *Detected Contaminant(s)* and read across the row. *Units* express the amount measured. *MCL* shows the highest amount of contaminant allowed. *PHG/MCLG* is the goal amount for that

contaminant (this may be lower than what is allowed). *Year Tested* is usually in 2019 or for some contaminants, the most recent sampling year. *Annual Average* is the average amount measured or detected. *Range* tells the lowest and highest amounts measured. A *No Violation* indicates that regulation requirements were met. *Major Sources in Drinking Water* tell where the contaminant usually originates.

Distribution System Water Quality

PRIMARY DRINKING WATER STANDARDS — Microbiology

Detected Contaminant	Units	MCL	(MCLG)	Year Tested	Total Samples Collected & Month Positive	Violation	Major Sources in Drinking Water
Total Coliform Bacteria	Positive Samples	5.0% Monthly Samples	(0)	2019	539 Samples 1 Positive (1.9%) in April 2 Positive (4.3%) in May	No	Naturally present in the environment.

PRIMARY DRINKING WATER STANDARDS — Disinfection Byproducts & Disinfectant Residual

Detected Contaminants	Units	MCL [MRDL]	PHG (MCLG) [MRDLG]	Year Tested	Annual Average	Range Low - High	Violation	Major Sources in Drinking Water
Total Trihalomethanes (TTHM)	ppb	80	n/a	2019	8	3.0 - 9.2	No	Byproduct of drinking water disinfection.
Chlorine Residual [as Cl ₂]	ppm	[4.0]	[4]	2019	1.02	0.18 - 2.00	No	Drinking water disinfectant added for treatment.

PRIMARY DRINKING WATER STANDARDS — Lead & Copper Indoor Tap Samples

Detected Contaminant	Units	Action Level	PHG	Year Tested	* 90th Percentile Level	No. of Sites Above Action Level	Violation	Major Sources in Drinking Water
Copper	ppm	1.3	0.3	2019	0.29	0 of 35	No	Internal corrosion of household plumbing systems.
Lead	ppb	15	0.2	2019	ND (<5)	0 of 35	No	Internal corrosion of household plumbing systems.

PRIMARY DRINKING WATER STANDARDS — Lead In Schools Testing (All eleven Monterey Peninsula Unified School District schools in MCWD service areas requesting testing were tested — up to five samples were collected at each school.)

Detected Contaminant	Units	Action Level	PHG	Year Tested	* 90th Percentile Level	No. of Sites Above Action Level	Violation	Major Sources in Drinking Water
Lead	ppb	15	0.2	2017	4	0 of 40	No	Internal corrosion of household plumbing systems.

* 90th Percentile: For compliance, the sample result at the 90th percentile level must be less than the Action Level.

Definitions of Terms Used

Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency.

Public Health Goal (PHG): The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

Primary Drinking Water Standards (PDWS): MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

Maximum Residual Disinfectant Level (MRDL): The highest level of a disin-

fectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Regulatory Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water supplier must follow.

UCMR: Unregulated Chemicals Monitoring Rule that help EPA and CDPH to determine where certain contaminants occur and need to be regulated.

MRL: Method Reporting Limit or the lower-limit of quantitation

n/a: Not Applicable

ND: Non-Detected

Notification Level: DDW established health-based advisory levels for chemi-

cals in drinking water that lack maximum contaminant levels

NTU: Nephelometric Turbidity Units

pCi/L: Pico-curies per liter

ppm: Parts per million or milligrams per liter

ppb: Parts per billion or micrograms per liter

ppt: Parts per trillion or nanograms per liter

TON: Threshold Odor Number



Operator inspecting and monitoring the flow meter at one of the District's reservoirs

Units		Equivalence
mg/L – milligrams per liter	ppm – parts per million	1 second in 11.5 days
µg/L – micrograms per liter	ppb – parts per billion	1 second in nearly 32 years
ng/L – nanograms per liter	ppt – parts per trillion	1 second in nearly 32,000 years
pg/L – picograms per liter	ppq – parts per quadrillion	1 second in nearly 32,000,000 years

Groundwater Supply Wells Water Quality

Detected Contaminants	Units	MCL	PHG (MCLG)	Year Tested	Annual Average	Range Low - High	Violation	Major Sources in Drinking Water
PRIMARY DRINKING WATER STANDARDS								
Arsenic	ppb	10	0.004	2019	2.6	ND - 7.5	No	Erosion of natural deposits.
Fluoride (Natural)	ppm	2.0	1	2019	0.17	ND - 0.26	No	Erosion of natural deposits.
Gross Alpha particle activity	pCi/L	15	(Zero)	2019 / 2016 / 2014 / 2013 ^(d)	1.2	ND - 7.1	No	Erosion of natural deposits.
Nitrate (as N)	ppm	10	10	2019	2.0	ND - 5.5	No	Erosion of natural deposits.
Trichloroethylene [TCE]	ppb	5	1.7	2019	0.3	ND - 1.6	No	Discharge from metal degreasing sites.
Uranium	pCi/L	20	0.43	2013 / 2019 ^(c)	1.7	ND - 4.8	No	Erosion of natural deposits.
SECONDARY DRINKING WATER STANDARDS								
Chloride	ppm	500	n/a	2019	101	54 - 200	No	Leaching from natural deposits; seawater influence.
Odor Threshold	TON	3	n/a	2019	0.6	ND - 2.0	No	Naturally-occurring organic materials.
pH Units	Units	6.5 - 8.5	n/a	2019	7.8	7.5 - 8.2	No	Naturally-occurring minerals.
Specific Conductance	µS/cm	1600	n/a	2019	680	490 - 1100	No	Substances that form ions when in water; seawater influence.
Sulfate	ppm	500	n/a	2019	46	36 - 55	No	Leaching from natural deposits.
Total Dissolved Solids	ppm	1000	n/a	2019	390	290 - 570	No	Leaching from natural deposits.
Turbidity	NTU	5	n/a	2019	0.15	0.11 - 0.24	No	Soil run-off.
OTHER CONSTITUENTS — No Drinking Water Standards								
Alkalinity	ppm	n/a	n/a	2019	115	93 - 180	n/a	Naturally-occurring minerals.
Bicarbonate Alkalinity	ppm	n/a	n/a	2019	141	110 - 220	n/a	Naturally-occurring minerals.
Calcium	ppm	n/a	n/a	2019	45	24 - 60	n/a	Naturally-occurring mineral.
Magnesium	ppm	n/a	n/a	2019	14	2.1 - 24	n/a	Naturally-occurring mineral.
Potassium	ppm	n/a	n/a	2019	3.0	2.0 - 4.1	n/a	Naturally-occurring mineral.
Sodium	ppm	n/a	n/a	2019	68	38 - 130	n/a	Naturally-occurring mineral.
Hardness ^(a)	ppm	n/a	n/a	2019	169	85 - 240	n/a	Naturally-occurring minerals.
Radon 222	pCi/L	n/a	n/a	2000 ^(b)	1081.5	755 - 1408	n/a	Naturally-occurring gas.
UNREGULATED CONTAMINANTS — No Drinking Water Standards								
Boron	ppb	1000 (AL)	n/a	2019	45.7	ND - 120	n/a	Erosion of natural deposits.
Vanadium	ppb	50 (AL)	n/a	2019	6.6	ND - 15	n/a	Erosion of natural deposits.
Perfluorohexanoic acid (PFHxA)	ppt	n/a	n/a	2019-2020 ^(e)	0.8	ND - 5.2	n/a	Breakdown product of stain- and greaser-proof food coatings.

Footnotes:

(a) Water Hardness Unit Conversion: Total Hardness (Annual Average) = 9.9 grains/gallon (for 169 ppm). Total Hardness (Range) = 5.0 - 14 grains/gallon.

(b) Wells 10 and 11 were tested in 2000.

(c) Wells 10, 11, and Watkins Gate were sampled in 2013; Wells 31 and 34 were sampled in 2019.

(d) Watkins Gate Well sampled in 2013; Wells 10 and 11 were sampled in 2014; Wells 29 and 30 were sampled in 2016; Wells 31 and 34 were sampled in 2019.

(e) Year Tested — four consecutive quarters of testing began second Quarter 2019, as required, and ended first Quarter 2020 as required.

Unregulated Chemicals: Unregulated contaminant monitoring helps U.S. EPA and the State Water Resources Control Board to determine where certain contaminants occur and whether the contaminants need to be regulated. The District performed Per-and-Poly-Fluoroalkyl Substances (PFAS) sampling in 2019 and low levels of Perfluorohexanoic Acid (PFHxA) were detected within Well 29. The District continues to closely monitor these levels within Well 29.

Marina Coast Water District
Agenda Transmittal

Agenda Item: 9-C

Meeting Date: April 20, 2020

Prepared By: Andrew Racz
Reviewed By: Michael Wegley

Approved By: Keith Van Der Maaten

Agenda Title: Consider Adoption of Resolution No. 2020-19 to Authorize a Notice of Completion for the Inter-Garrison Road Water Distribution Pipeline Project be Filed with the Monterey County Recorder

Staff Recommendation: The Board of Directors adopt Resolution No. 2020-19 to authorize a Notice of Completion for the Inter-Garrison Road Water Distribution Pipeline Project be filed with the Monterey County Recorder.

Background: *Strategic Plan, Element No. 2 Infrastructure – Our objective is 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.*

On June 27, 2019, District staff conducted a bid opening for the “Inter-Garrison Road Water Distribution Pipeline Project”. The project consists of the construction of approximately 1,750 linear feet of new 18-inch ductile iron pipe (DIP) water main in Inter-Garrison Rd., between Schoonover Rd. and Sherman Blvd. in unincorporated Monterey County. The new water main improves the ‘B’ zone distribution network for commercial fire flow in East Garrison by expanding flow capacity from the existing 12-inch line. Additional construction items include one new fire hydrant near the Schoonover Rd. intersection to facilitate temporary bypass pumping, and three 20-foot segments of 18-inch high density polyethylene HDPE pipe for storm drain undercrossings of the water main for the future reconstruction of Inter-Garrison Rd. The work includes all associated fittings, valves, and appurtenances; connecting existing mains and services; and pavement removal and restoration within the right-of-way.

On July 15, 2019, the Board adopted Resolution No. 2019-51 authorizing a construction contract with Brough Construction, Inc., in the amount of \$671,660 plus a ten percent contingency. Along with project design and surveying (Whitson Engineers, \$53,600) and inspection (Harris & Assoc., \$115,700), a total project budget of \$867,026 was authorized.

Discussion/Analysis: Work on the Inter-Garrison Road Water Distribution Pipeline Project began in December 2019 and was substantially completed in February 2020. At the start of the project, potholing revealed unsuitable existing pipe material at the proposed fire hydrant location. Change Orders to conduct additional potholing investigations and reconfigure the fire hydrant assembly added costs totaling \$9,070.98 to the project. However, the discovery of an already-existing valve and a relaxing of roadway restoration requirements by Monterey County precipitated additional Change Orders which reduced total project costs by \$29,281.62. In total, four Change Orders resulted in a net savings of \$20,210.64 from the original bid amount, and zero contingency funds were used. The total cost of the construction amounted to \$651,449.36 which was within the Board-authorized bid price of \$671,660 (Resolution No. 2019-51). Billing to-date from Whitson

Engineers (\$32,917.20) and Harris & Assoc. (\$86,089.04) is also less than the not-to-exceed contracted amount.

<u>Vendor</u>	<u>Contract</u>	<u>Bid/Quote</u>	<u>Amt. Expended</u>	<u>Percentage</u>
Brough Construction, Inc.	2019-51	\$671,660.00	\$651,449.36	97.0%
Harris & Associates	2017-66, T.O. 12	\$115,700.00	\$86,089.04	74.4%
Whitson Engineers	2015-35	\$53,600.00	\$32,917.20	61.4%

Staff is recommending a Notice of Completion be filed with the Monterey County Recorder as the work was completed pursuant to the plans and specification and contract obligations.

Environmental Review Compliance: None required.

Financial Impact: _____ Yes No Funding Source/Recap: None

Other considerations: None.

Material Included for Information/Consideration: [Resolution No. 2020-19](#); and, [Notice of Completion](#).

Action Required: Resolution _____ Motion _____ Review
(Roll call vote is required.)

Board Action

Motion By _____ Seconded By _____ No Action Taken _____

Ayes _____ Abstained _____

Noes _____ Absent _____

April 20, 2020

Resolution No. 2020-19
Resolution of the Board of Directors
Marina Coast Water District
Authorize a Notice of Completion for the Inter-Garrison Road Water Pipeline Project

RESOLVED by the Board of Directors (“Directors”) of the Marina Coast Water District (“District”), at a meeting duly called and held on April 20, 2020, via a videoconference pursuant to Gov. Newsom’s Executive Order N-29-20, as follows:

WHEREAS, the District Capital Improvement Program included the Inter-Garrison Road Water Distribution Pipeline Project, to install facilities to improve B-zone water distribution and fire flow for commercial and institutional development in the Ord Community; and,

WHEREAS, the Board approved a contract with Brough Construction, Inc. to provide construction services for the Inter-Garrison Road Water Distribution Pipeline Project in the amount of \$671,660 and authorized a total project budget amount of \$867,026 (Resolution No. 2019-51); and,

WHEREAS, Brough Construction, Inc. has completed the Inter-Garrison Road Water Distribution Pipeline Project according to the contract documents with a total project cost of \$651,449.36; and,

WHEREAS, staff is recommending a Notice of Completion be filed with the Monterey County Recorder as the work was completed pursuant to the plans and specification and contract obligations.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the Marina Coast Water District does hereby authorize the General Manager to file a Notice of Completion for the Inter-Garrison Road Water Distribution Pipeline Project with the Monterey County Recorder, and to take all actions and execute all documents as may be necessary or appropriate to give effort to this resolution.

PASSED AND ADOPTED on April 20, 2020, 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 _____

Thomas P. Moore, President

ATTEST:

Keith Van Der Maaten, 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. 2020-19 adopted April 20, 2020.

Keith Van Der Maaten, Secretary

After recording, return to
MARINA COAST WATER DISTRICT
11 RESERVATION ROAD
MARINA, CA 93933

NOTICE OF COMPLETION
(Public Works - Civil Code 3093)

NOTICE IS HEREBY GIVEN:

That the project described as the Inter-Garrison Road Water Distribution Pipeline Project which consisted of the installation of approximately 1,750 linear feet of new 18-inch DIP (ductile iron pipe) water main, one new fire hydrant, and three storm sewer undercrossings in Inter-Garrison Road near East Garrison in unincorporated Monterey County, CA is complete. The project was constructed or undertaken pursuant to a contract between, the MARINA COAST WATER DISTRICT, a public entity, located at 11 Reservation Road, Marina, CA 93933, and BROUGH CONSTRUCTION, INC., a corporation located at 634 Printz Road, Arroyo Grande, CA as the contractor, and that the date of completion of said work was April 20, 2020 which was the date said public entity accepted the completeness of said work.

MARINA COAST WATER DISTRICT

By: _____
Michael Wegley, District Engineer

Dated: _____

Marina Coast Water District
Agenda Transmittal

Agenda Item: 9-D

Meeting Date: April 16, 2018

Prepared By: Paula Riso

Approved By: Keith Van Der Maaten

Agenda Title: Consider Adoption of Resolution No. 2020-20 Ordering an Election, Requesting County Elections to Conduct the Election, and Requesting Consolidation of the Election Set for November 3, 2020

Staff Recommendation: The Board of Directors adopt Resolution No. 2020-20 ordering an election; requesting County Elections to conduct the election; requesting consolidation of the election set for November 3, 2020; limiting the Candidate's Statement to 200 words or less with the candidate being responsible for paying the cost of publishing the Candidate's Statement of Qualifications; and, authorize the General Manager to sign a Service Agreement with the Monterey County Registrar of Voters.

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.*

Discussion/Analysis: The District Board has two seats that are up for election in November 2020 and is asked to take action to call an election for Director Thomas P. Moore's office and Director Herbert Cortez's office.

Pursuant to Section 10002 et seq. of the Elections Code, the Governing Body of the District must call the election to be held on November 3, 2020 for the purpose of electing successors to the terms of office which will expire in 2020. The Board must adopt a resolution calling for the election no later than July 1, 2020. The District has staggered terms and therefore must meet this requirement every two years.

Following the prior practice of the Board, the District will limit the Candidate's Statement to 200 words or less and the candidate is responsible for paying the cost of publishing the Candidate's Statement of Qualifications in the Voter's Information Pamphlet at the time of filing his/her statement.

In the event of a tie vote, the county elections official shall notify the governing body of the district thereof, and the governing body shall forthwith notify the candidates who have received the tie votes to appear before it either personally or by representative at a time and place designated by the governing body. The tie votes shall be determined by putting the candidate names in a container and having an independent person draw a name. The candidate so chosen shall qualify, take office and serve as though elected at the preceding general district election.

The Monterey County Registrar of Voters also requests the District to enter into a Service Agreement to provide election services.

Environmental Review Compliance: None required.

Financial Impact: Yes No Funding Source/Recap: The approximate cost is \$60,000, which depends on the number of registered voters in the District's jurisdiction and how many pamphlets are printed and mailed. This cost will be allocated to all four cost centers: 01-Marina Water, 02-Marina Sewer, 03-Ord Water, and 04-Ord Sewer.

Material Included for Information/Consideration: [Resolution No. 2020-20](#); [Election Calendar](#); and [Service Agreement](#).

Action Required: Resolution Motion Review
(Roll call vote is required.)

Board Action

Motion By _____ Seconded By _____ No Action Taken _____

Ayes _____ Abstained _____

Noes _____ Absent _____

April 20, 2020

Resolution No. 2020-20
Resolution of the Board of Directors
Marina Coast Water District

Resolution Calling for an Election Ordering an Election, Requesting County Elections to Conduct the Election, and Requesting Consolidation of the Election Set for November 3, 2020

RESOLVED by the Board of Directors ("Board"), of the Marina Coast Water District ("District"), at a meeting duly called and held on April 20, 2020, via a videoconference pursuant to Gov. Newsom's Executive Order N-29-20, as follows:

WHEREAS, Director Thomas P. Moore, and Director Herbert Cortez's offices are subject to election at the November 3, 2020 General Election; and,

WHEREAS, pursuant to Elections Code Section 10002, the governing body of any city or district may by resolution request the Board of Supervisors of the county to permit the county elections official to render specified services to the city or district relating to the conduct of an election; and,

WHEREAS, the resolution of the governing body of the city or district shall specify the services requested; and,

WHEREAS, pursuant to Elections Code Section 10002, the city or district shall reimburse the county in full for the services performed upon presentation of a bill to the city or district; and,

WHEREAS, pursuant to Elections Code Section 10400, whenever two or more elections, including bond elections, of any legislative or congressional district, public district, city, county, or other political subdivision are called to be held on the same day, in the same territory, or in territory that is in part the same, they may be consolidated upon the order of the governing body or bodies or officer or officers calling the elections; and,

WHEREAS, pursuant to Elections Code Section 10400, such election for cities and special districts may be either completely or partially consolidated; and,

WHEREAS, pursuant to Elections Code Section 10403, whenever an election called by a district, city or other political subdivision of the submission of any question, proposition, or office to be filled is to be consolidated with a statewide election, and the question, proposition, or office to be filled is to appear upon the same ballot as that provided for that statewide election, the district, city or other political subdivision shall, at least 88 days prior to the date of the election, file with the board of supervisors, and a copy with the elections office, a resolution of its governing board requesting the consolidation, and setting forth the exact form of any question, proposition, or office to be voted upon at the election, as it is to appear on the ballot. Upon such request, the Board of Supervisors may order the consolidation; and,

WHEREAS, pursuant to Elections Code Section 13307, whenever an election called by a district, city, or other political subdivision has offices to be filled, it is required to fix and determine the number of words that a candidate may submit on the candidate's statement to be either 200 or 400 words and to determine if the candidate and or the political subdivision will pay the cost of the statement; and,

WHEREAS, in the event that two or more candidates receive an equal number of votes and the highest number of votes (“tie votes”) for an office, Elections Code Section 10551(b) of the Uniform District Election Law requires the district’s governing body to determine the tie votes by lot; and,

WHEREAS, the resolution requesting the consolidation shall be adopted and filed at the same time as the adoption of the ordinance, resolution, or order calling the election; and,

WHEREAS, various district, county, state and other political subdivision elections may be or have been called to be held on November 3, 2020.

NOW, THEREFORE, BE IT RESOLVED AND ORDERED, that the governing body of the Marina Coast Water District hereby orders an election be called and consolidated with any and all elections also called to be held on November 3, 2020 insofar as said elections are to be held in the same territory or in territory that is in part the same as the territory of the Marina Coast Water District requests the Board of Supervisors of the County of Monterey to order such consolidation under Elections Code Section 10401 and 10403; and,

BE IT FURTHER RESOLVED AND ORDERED, that said governing body hereby requests the Board of Supervisors to permit the Monterey County Elections Department to provide any and all services necessary for conducting the election and agrees to pay for said services; and,

BE IT FURTHER RESOLVED AND ORDERED, that the Monterey County Elections Department conduct the election for the purpose of electing 2 Members to this Governing Board on the November 3, 2020 ballot:

<u>Seats Open</u>	<u>Office</u>	<u>Term</u>	<u>District</u>
Thomas P. Moore	Director	4 Year	Marina Coast Water District
Herbert Cortez	Director	4 Year	Marina Coast Water District

BE IT FURTHER RESOLVED AND ORDERED, that pursuant to Elections Code Section 13307 the Marina Coast Water District has resolved that all costs of the Candidate’s statement be paid by the candidate upon submission of Candidate’s statement, and that no candidate may submit a statement of over 200 words; and,

BE IT FURTHER RESOLVED AND ORDERED, in the event of a tie vote, the county elections official shall notify the governing body of the district thereof, and the governing body shall forthwith notify the candidates who have received the tie votes to appear before it either personally or by representative at a time and place designated by the governing body. The governing body shall, at that time and place, determine the tie by lot and the results thereof shall be declared by the governing body. The candidate so chosen shall qualify, take office and serve as though elected at the preceding general district election; and,

BE IT FURTHER RESOLVED AND ORDERED, that tie votes shall be determined by putting the candidate names in a container and having an independent person draw a name.

PASSED AND ADOPTED on April 20, 2020, by the Board of Directors of the Marina Coast Water District by the following vote:

Ayes: Directors _____
Noes: Directors _____
Absent: Directors _____
Abstained: Directors _____

Thomas P. Moore, President

ATTEST:

Keith Van Der Maaten, 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. 2020-20 adopted April 20, 2020.

Keith Van Der Maaten, Secretary

MONTEREY COUNTY ELECTIONS



1441 Schilling Place-North Building
Salinas, CA 93901

PO Box 4400
Salinas, CA 93912

831-796-1499 Phone
831-755-5485 Fax

www.MontereyCountyElections.us

elections@co.monterey.ca.us

Claudio Valenzuela
Registrar of Voters

Gina Martinez
Assistant Registrar of Voters

March 12, 2020

Marina Coast Water District
Attention: Paula Riso, Executive Assistant
11 Reservation Road
Marina, CA 93933

RE: DOCUMENTS REQUIRED FOR NOVEMBER 3, 2020 – PRESIDENTIAL GENERAL ELECTION

In preparation for the November 3, 2020 Presidential General Election, please review the information below in completing and submitting required documents:

Required documents:

Deadline	Document	Notes
July 1, 2020 (125 days before the election)	Notice of Election	EC §§§10509, 10522, 10524
July 1, 2020 (125 days before the election)	Statement of Election Facts	Form enclosed
July 1, 2020 (125 days before the election)	District map showing boundaries and, if applicable, divisions	EC §10522 A map is required even if no changes have been made
August 7, 2020 (88 days before the election)	Adopted Resolution and Service Agreement	Resolution checklist enclosed Resolution sample enclosed*

**If you need a sample resolution for a measure, please contact our office.*

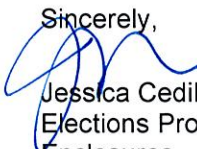
Estimated Costs

To help your district budget for this election, we have estimated the cost to be \$6.00 to \$8.00 per registered voter. Per Elections Code §10002, the district shall reimburse the county in full for the election services performed. According to our records, the offices up for election include: (2) Directors - 4yr term.

Candidates will file their candidate nomination documents at 1441 Schilling Place – North Building, Salinas, CA 93901. The Candidate Statement of Qualifications and fees are due at the time of filing.

Please feel free to contact me for more information at cedilloj@co.monterey.ca.us or (831) 796-1486.

Sincerely,


Jessica Cedillo
Elections Program Manager
Enclosures

SERVICE AGREEMENT FOR THE PROVISION OF ELECTION
SERVICES BETWEEN **MARINA COAST WATER DISTRICT** AND
MONTEREY COUNTY REGISTRAR OF VOTERS

NOVEMBER 3, 2020

This Agreement, entered into this _____ day of _____ 2020, by and between **MARINA COAST WATER DISTRICT** and Monterey County Registrar of Voters (hereinafter referred to as Registrar of Voters);

WHEREAS, it is necessary and desirable that the Registrar of Voters be retained for the purpose of conducting an election hereinafter described for the **MARINA COAST WATER DISTRICT** (hereinafter referred to as the District);

NOW, THEREFORE, IT IS HEREBY AGREED BY THE PARTIES HERETO AS FOLLOWS:

SERVICES TO BE PERFORMED BY THE DISTRICT:

- 1) No later than the 88th day prior to the election the District shall submit a board approved resolution which requests the Registrar of Voters for Monterey County to conduct an election for the District on **NOVEMBER 3, 2020**, and requesting election related services of the Registrar of Voters.
- 2) The District shall submit to the Registrar of Voters in writing the exact number of offices to be voted on and/or the exact ballot wording to be voted by no later than the 88th day prior to the election, or by the 83rd day prior to the election if Elections Code §§ 10225, 10229, and 10407 are applicable.
- 3) The District shall prepare and deliver to the Registrar of Voters the Voter Guide information containing, as applicable, the ballot measure and tax rate statements. The last day for the submission of primary arguments (300 words) and impartial analysis shall be no later than **AUGUST 13, 2020**. The last day for the submission of rebuttal arguments (250 words) is **AUGUST 20, 2020**.

- 4) The District shall be responsible for reviewing and approving the language of the sample ballot and official ballot wording for candidates and measures.

SERVICES TO BE PERFORMED BY REGISTRAR OF VOTERS:

- 1) The Registrar of Voters shall publish the Notice of Election and the Notice to File Declarations of Candidacy for the District offices to be voted on, and/or the Notice to File Arguments for or against any measure.
- 2) The Registrar of Voters shall select and contract with the sample and official ballot printer(s) on behalf of the District.
- 3) The Registrar of Voters shall prepare and deliver to the printer the official ballot information.
- 4) The Registrar of Voters shall issue, receive and process all ballots on behalf of the District matters.
- 5) The Registrar of Voters shall procure all necessary and appropriate polling place locations, hire polling place workers, and conduct the election in accordance with all applicable state, federal and local laws.
- 6) The Registrar of Voters shall prepare a Canvass of Votes Cast and submit a Certificate of Registrar of Voters to the District regarding the District matters.
- 7) The Registrar of Voters shall conduct other various and miscellaneous election activities as required including but not limited to all those required as the District's Election Official other than those described under "Services to be Performed by the District".

TERMS:

This Agreement shall be in effect for the performance of all services incident to the preparation and conduct of the election to be held on **NOVEMBER 3, 2020**.

The parties will use best efforts to perform services herein. However, in the event the Registrar of Voters is unable to perform services required under this Agreement that are beyond his control, including an employee strike, vendor conditions, natural disasters, war, or other similar conditions, the Registrar of Voters will be relieved of all obligations under this Agreement. The Registrar will provide reasonable notice, if practical, of any conditions beyond his control, including notice at least 60 days prior to **NOVEMBER 3, 2020** of vendor conditions affecting the election services. In the event a vendor does not perform, the Registrar will attempt to obtain substitute services.

CONSIDERATION:

In consideration of the performance of services and supplies provided by the Registrar of Voters, the District shall pay to the Registrar of Voters a sum equal to the actual cost of such services, expenses, and supplies related to the work performed on behalf of District. In the event that this Agreement is terminated prematurely, the District shall pay to the Registrar a sum equal to the actual cost of such services performed or supplies/expenses incurred as of the effective date of the termination.

The District shall make payment within 30 days of receipt of invoice from Registrar of Voters.

DISTRICT:

Signature: _____ Date: _____

Print Name: _____

Title: _____

COUNTY:

Signature: _____ Date: _____

Print Name: _____

Title: _____

STATEMENT OF ELECTION FACTS

FULL LEGAL NAME OF DISTRICT AS IT SHOULD APPEAR ON ALL ELECTION DOCUMENTS:

MAIL SHOULD BE ADDRESSED TO: _____ TITLE: _____

MAILING ADDRESS: _____ TELEPHONE: _____

FAX: _____ E-MAIL: _____ WEBSITE: _____

MEMBERS OF THE GOVERNING BOARD

NAME	ADDRESS	DISTRICT WARD OR TRUSTEE (If applicable)	<u>Member was elected by:</u> 1) ELECTED/AIL* OR 2) APPOINTED TO FILL A VACANCY	YEAR Term ends	Full-term = 4yrs OR Short-term = 2yrs	IF THE MEMBER WAS APPOINTED BY THE BOARD TO FILL A VACANCY, WHO DID THIS MEMBER REPLACE?

*AIL= Appointed-in-lieu of Election (filed for office and didn't go on the ballot)

Name of the Presiding Officer: _____
Print Name

Name of the Secretary: _____
Print Name

Check the box which applies to your district:

The District boundaries have changed since the last election. Enclosed is a new map to reflect those changes.

I declare that there have been no boundary changes since the _____ election.
Election Date

The limitation on the number of words in a candidate statement will be: 200 words 400 words

The entity charged for the candidate statement sent to each voter will be the: District Candidate

In case of a tie vote, the winner will be determined by: Lot Runoff election

 Signature of Presiding Officer

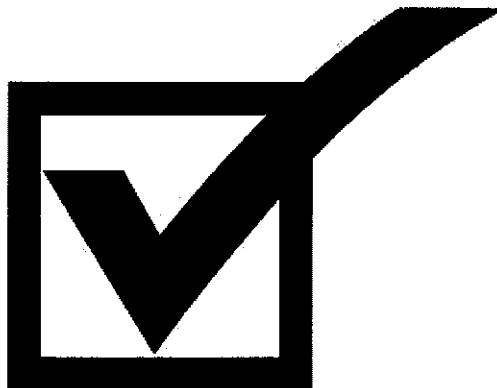
 Date

SPECIAL DISTRICT NAME: Marina Coast Water District

RESOLUTION CHECKLIST FOR: November 3, 2020

This checklist is a guideline for resolutions submitted by districts to consolidate board member elections. There is a separate checklist for resolutions calling for measures.

- Order the election
- Request that Monterey County Elections conduct the election
- Request the date on which the election is to be held
- Specify the number of seats up for election
- Request to permit Monterey County Elections Department to provide any and all services necessary for conducting the election
- Specify word count on the candidate statement per Elections Code §13307
- Specify whether the District or candidate will pay for the candidate statement per Elections Code §13307
- Request that the election be consolidated with any other jurisdiction within Monterey County holding an election on the same day per Elections Code § 10400
- Specify that the district will reimburse the Elections Department in full for the services performed upon presentation of a bill to the district per Elections Code §10002
- Indicate how tie votes will be resolved
- Indicate how tie votes shall be determined by



Marina Coast Water District
Agenda Transmittal

Agenda Item: 9-E

Meeting Date: April 20, 2020

Prepared By: Paula Riso

Approved By: Keith Van Der Maaten

Agenda Title: Approve the Draft Minutes of the Regular Joint Board/GSA Meeting of March 16, 2020

Staff Recommendation: The Board of Directors approve the draft minutes of the March 16, 2020 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 March 16, 2020 are provided for the Board to consider approval.

Environmental Review Compliance: None required.

Financial Impact: Yes No Funding Source/Recap: None

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

Material Included for Information/Consideration: [Draft minutes of March 16, 2020.](#)

Action Required: Resolution 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
211 Hillcrest Avenue, Marina
March 16, 2020

Draft Minutes

1. Call to Order:

President Moore called the meeting to order at 6:31 p.m. on March 16, 2020 at the Marina Council Chambers, 211 Hillcrest Avenue, Marina, California.

2. Roll Call:

Board Members Present:

Thomas P. Moore – President
Jan Shriner – Vice President
Peter Le
Matt Zefferman

Board Members Absent:

Herbert Cortez

Staff Members Present:

Keith Van Der Maaten, General Manager
David Hobbs, District Counsel
Kelly Cadiente, Director of Administrative Services
Derek Cray, Operations and Maintenance Manager
Michael Wegley, District Engineer
Elise Ramirez, Associate Engineer
Brian True, Senior Engineer
Teo Espero, IT Administrator

Audience Members:

Andrew Sterbenz, Schaaf & Wheeler
Philip Clark, Seaside Resident, WCC Member
Dan Coughlin, Joby Aviation
Candace Cuisinier, MCWD Employee
Lyssa Farrell, MCWD Employee
Susan Kiefert, MCWD Employee
Barbara Montanti, MCWD Employee

3. Public Comment on Closed Session Items:

There were no comments.

The Board entered into closed session at 6:32 p.m. to discuss the following items:

4. Closed Session:

A. Pursuant to Government Code 54956.9

Conference with Legal Counsel – Existing Litigation

- 1) Marina Coast Water District vs California-American Water Company, Monterey County Water Resources Agency; and, California-American Water Company, Monterey County Water Resources Agency vs Marina Coast Water District, San Francisco Superior Court Case Nos. CGC-15-547125, CGC-15-546632 (Complaint for Damages, Breach of Warranties, etc.)
- 2) Bay View Community DE, LLC; Bryan Taylor; Greg Carter; and Brooke Bilyeu vs Marina Coast Water District; Board of Directors of Marina Coast Water District; County of Monterey and Does 1-25, inclusive, Monterey County Superior Court Case No. 18CV000765 (Petition for Writ of Mandate or Administrative Mandate, and Complaint for Declaratory and Injunctive Relief and Breach of Contract)
- 3) Marina Coast Water District, and Does 1-100 v, County of Monterey, County of Monterey Health Department Environmental Health Bureau, and Does 101-110, Monterey County Superior Court Case No. 18CV000816 (Petition for Writ of Mandate and Complaint for Injunctive Relief)
- 4) Marina Coast Water District, and Does 1-100 v, County of Monterey, Monterey County Board of Supervisors, and Does 101-110 (California-American Water Company, Real Property in Interest), Monterey County Superior Court Case No. 19CV003305 (Petition for Writ of Mandate and Complaint for Injunctive Relief)

B. Pursuant to Government Code 54956.9(d)(4)

Conference with Legal Counsel – Anticipated Litigation

Initiation of Litigation – Two Potential Cases

The Board ended closed session at 7:03 p.m.

President Moore reconvened the meeting to open session at 7:04 p.m.

5. Reportable Actions Taken during Closed Session:

Mr. David Hobbs, District Counsel, stated that there were no reportable actions taken during Closed Session.

6. Pledge of Allegiance:

Ms. Paula Riso, Executive Assistant/Clerk to the Board, led everyone present in the pledge of allegiance.

7. Oral Communications:

There were no comments.

8. Presentation:

- A. Consider Adoption of Resolution No. 2020-08 in Recognition of Candace Cuisinier, Customer Service/Billing Representative II, for 5 Years of Service to the Marina Coast Water District:

Vice President Shriner made a motion to adopt Resolution No. 2020-08 recognizing Candace Cuisinier for 5 years of service to the Marina Coast Water District. Director Zefferman seconded the motion. The motion was passed by the following vote:

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

President Moore read the narration into the record and presented Ms. Cuisinier with a gift certificate.

9. Consent Calendar:

Director Le requested to pull items B, C, E, and G from the Consent Calendar. Director Zefferman said he also wanted to pull item E from the Consent Calendar.

Vice President Shriner made a motion to approve the Consent Calendar consisting of: A) Receive the Check Register for the Month of February 2020; D) Consider Adoption of Resolution No. 2020-10 to Execute a Memorandum of Understanding between Monterey One Water and Marina Coast Water District for Conducting a Public Education Program for the Southern Monterey Bay Dischargers Group; and F) Approve the Draft Revised Minutes of the Regular Joint/Board Meeting of January 29, 2020. Director Zefferman seconded the motion. The motion was passed by the following vote:

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

- B. Consider Adoption of Resolution No. 2020-09 to Approve the 2020 District Technology Plan Appendix for FY 2020-2021:

Director Le and President Moore asked clarifying questions regarding payment processing, email policies, servers, and Windows operating systems.

Director Zefferman made a motion to adopt Resolution No. 2020-09 approving the 2002 District Technology Plan Appendix for FY 2020-2021. Vice President Shriner seconded the motion.

Agenda Item 9-B (continued):

The motion was passed by the following vote:

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

C. Receive the FY 2020-2021 Draft Budget Schedule and Set Date for the 2020-2021 Budget Workshop:

Director Le asked clarifying questions regarding the schedule and capacity fees.

Director Zefferman made a motion to receive the FY 2020-2021 draft budget schedule and set the date for the 2020-2021 budget workshop for April 6, 2020. Vice President Shriner seconded the motion. The motion was passed by the following vote:

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

E. Consider Adoption of Resolution No. 2020-11 to Approve the Updated 2020 District Maintenance Management Plan:

Director Zefferman asked clarifying questions regarding averaging the numbers in the tables. Director Le asked to add the date of August 2021 to the Recycled Water system and inquired on the flow going through the transmission line.

Vice President Shriner made a motion to adopt Resolution No. 2020-11 approving the updated 2020 District Maintenance Management Plan with the recycled water date change. Director Zefferman seconded the motion. The motion was passed by the following vote:

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

G. Approve the Draft Minutes of the Regular Joint Board/GSA Meeting of February 25, 2020:

Director Le stated he pulled this item to vote on it separately.

Vice President Shriner made a motion to approve the draft minutes of the Regular Joint Board/GSA Meeting of February 25, 2020. Director Zefferman seconded the motion. The motion was passed by the following vote:

Director Zefferman	-	Yes	Vice President Shriner	-	Yes
Director Cortez	-	Absent	President Moore	-	Yes
Director Le	-	Abstained			

10. Action Items:

A. Consider Appointing an Ad Hoc Committee for Board-Staff Coordination:

Mr. Van Der Maaten, General Manager, introduced this item. The Board asked clarifying questions.

Vice President Shriner made a motion to have the President appoint an Ad Hoc Committee for Board-staff coordination. Director Zefferman seconded the motion. President Moore asked if Director Le was interested in being a member of the committee. Director Le declined. President Moore asked if Director Zefferman was interested in being a member of the committee. Director Zefferman answered affirmatively. President Moore appointed himself and Director Zefferman to the Ad Hoc Committee. The motion was passed by the following vote:

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

B. Consider Adoption of Resolution No. 2020-12 Approving Revisions to the Water, Sewer, and Recycled Water Infrastructure Agreement Template:

Mr. Brian True, Senior Engineer, introduced this item and reviewed the proposed changes. The Board asked clarifying questions and made suggested changes.

Vice President Shriner made a motion to approve revisions to the Water, Sewer, and Recycled Water Infrastructure Agreement Template. Director Zefferman seconded the motion. Discussion followed.

Vice President Shriner amended her motion to approve revisions to the Water, Sewer, and Recycled Water Infrastructure Agreement Template with the addition of “potable” to Revision 2, Section 1.2 to read “The potable water allocation for this project...”. Director Zefferman seconded the amended motion. The motion to take no action was passed by the following vote:

Director Zefferman	-	Yes	Vice President Shriner	-	Yes
Director Le	-	No	President Moore	-	Yes
Director Cortez	-	Absent			

C. Consider Adoption of Resolution No. 2020-13 to Approve a Water, Sewer and Recycled Water Infrastructure Agreement between Marina Coast Water District and Joby Aviation for the Joby Aviation Tent Phase Development Project:

Mr. True introduced this item and introduced Mr. Dan Coughlin, Joby Aviation. Mr. Coughlin gave a brief presentation. The Board asked clarifying questions.

Vice President Shriner made a motion to adopt Resolution No. 2020-13 approving a Water, Sewer and Recycled Water Infrastructure Agreement between Marina Coast Water District and Joby Aviation for the Joby Aviation Tent Phase Development Project. President Moore seconded the motion. Discussion on water allocation followed.

Agenda Item 10-C (continued):

The motion was passed by the following vote:

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

- D. Consider Adoption of Resolution No. 2020-14 to Award a Construction Contract to GSE Construction, Inc. for the Imjin Lift Station Improvement Project; Consider Adoption of Resolution No. 2020-15 to Approve Amendment No. 2 to the Professional Services Agreement with GHD, Inc. for Engineering Services During Construction of the Imjin Lift Station Improvement Project; and Consider Adoption of Resolution No. 2020-16 to Approve Task Order 17 to the On-Call Professional Services Agreement with Harris and Associates for the Imjin Lift Station Improvement Project; and, Consider Adoption of Resolution No. 2020-17 to Amend the FY 2019-2020 Capital Improvement Budget for the Imjin Lift Station Improvement Project:

Mr. Michael Wegley, District Engineer, introduced this item and introduced Ms. Elise Rameriz, Associate Engineer, noting that she joined the District in November.

Ms. Rameriz gave a brief background on the Imjin Lift Station Improvement Project. The Board asked clarifying questions. Ms. Kelly Cadiente, Director of Administrative Services, noted that Resolution No. 2020-17 should state the funds are coming from Ord Sewer Capacity Fees Reserves, not Ord Sewer Capital Replacement Reserves.

Vice President Shriner made a motion to adopt Resolution No. 2020-14 award a construction contract to GSE Construction, Inc. for the Imjin Lift Station Improvement Project; adopt Resolution No. 2020-15 to approve Amendment No. 2 to the Professional Services Agreement with GHD, Inc. for engineering services during construction of the Imjin Lift Station Improvement Project; adopt Resolution No. 2020-16 to Approve Task Order 17 to the On-Call Professional Services Agreement with Harris and Associates for the Imjin Lift Station Improvement Project; and, consider adopt Resolution No. 2020-17 to amend the FY 2019-2020 Capital Improvement Budget for the Imjin Lift Station Improvement Project. Director Zefferman seconded the motion. Vice President Shriner amended her motion to include the correction of funding source on Resolution No. 2020-17. Director Zefferman seconded the amended motion. The motion was passed by the following vote:

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

- E. Consider Providing Direction on the Call for Nominations of Candidates to Fill One Special District Seat on the Local Agency Formation Commission:

Director Le said he would run if he had the support of the District.

Agenda Item 10-E (continued):

Director Zefferman made a motion to support Director Le running for the Special District seat on LAFCO. Vice President Shriner seconded the motion. The motion to was passed by the following vote:

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

F. *Discuss and Consider Emergency Action Regarding COVID-19 with Regards to Public Meetings and Daily District Business:

Mr. Van Der Maaten introduced this item explaining that this is to discuss how the District should hold meetings moving forward. He said that staff is recommending postponing non-essential meetings for the month of April, including all Committee meetings, and hold the April 6th Budget Workshop via teleconference. Mr. Van Der Maaten discussed the actions staff has taken so far and noted that as things change and more information comes out, staff will make adjustments. There was discussion on teleconferencing requirements, platforms, and equipment needed to hold the meetings.

Director Le made a motion to: 1) postpone all non-essential meetings, including Committee meetings (Water Conservation Commission; Executive Committee; Budget and Personnel Committee; Community Outreach Committee; and, Joint City District Committee); and, 2) hold the Budget Workshop meeting (April 6) and regular Board meeting (April 20) via teleconference. Vice President Shriner seconded the motion. The motion was passed with the following vote:

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

11. Staff Reports:

A. Receive an Update on the Delinquent Account Shut-Off Report:

Ms. Cadiente stated this report is in response to a Board member's request on how many accounts were shut-off for non-payment and how many were reconnected. Director Le said he would like to see an agenda item in April regarding suspending shut-off's during this emergency situation and an item on what the District can do if it declares an emergency.

B. Receive Information Regarding Recent Per- and Poly-Fluoralkyl Substances Sampling Results:

Mr. Derek Cray, Operations and Maintenance Manager, introduced this item and explained the results in the recent sampling.

12. Workshop:

A. Strategic Plan and Goal Setting Workshop:

President Moore asked this item to be held at the Budget Workshop meeting on April 6, 2020.

13. Informational Items:

A. General Manager's Report:

No report was given.

B. Counsel's Report:

No report was given.

C. Committee and Board Liaison Reports:

1. Water Conservation Commission:

No meeting was held.

2. Joint City District Committee:

No meeting was held.

3. Executive Committee:

No meeting was held.

4. Community Outreach Committee:

No meeting was held.

5. Budget and Personnel Committee:

No meeting was held.

6. M1W Board Member:

President Moore gave a brief update.

7. LAFCO Liaison:

No report was given.

8. FORA:

Mr. Van Der Maaten gave a brief update.

9. WWOC:

No meeting was held.

10. JPIA Liaison:

No report was given.

11. Special Districts Association Liaison:

President Moore noted the next meeting was scheduled for April 21st and will likely be canceled.

12. SVGSA Liaison:

No report was given.

14. Board member Requests for Future Agenda Items:

President Moore noted that the Board members can email in their requests and noted that Director Le had requested an item regarding suspending shut-off's during this emergency situation and an item on what the District can do if it declares an emergency.

15. Director's Comments:

Director Le, Director Zefferman, Vice President Shriner, and President Moore made comments.

16. Adjournment:

The meeting was adjourned in Thomas Barkhurst's memory at 9:47 p.m.

APPROVED:

Thomas P. Moore, President

ATTEST:

Paula Riso, Deputy Secretary

Marina Coast Water District
Agenda Transmittal

Agenda Item: 10-A

Meeting Date: April 20, 2020

Prepared By: Brian True

Approved By: Keith Van Der Maaten

Reviewed By: Michael Wegley

Agenda Title: Consider Adoption of Resolution No. 2020-21 to Approve a Water Supply Assessment for the Marina Downtown Vitalization Specific Plan

Staff Recommendation: The MCWD Board of Directors consider approving the *Water Supply Assessment for the Marina Downtown Vitalization Specific Plan*.

Background: *Strategic Plan, Strategic Element 2.0 Infrastructure – Our objective is 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.*

At the request of the City of Marina, MCWD prepared a Water Supply Assessment (WSA) for the proposed Marina Downtown Vitalization Specific Plan (Marina DVSP) project. The project proposed by the City of Marina to be included within a portion of the EIR for the Marina DVSP. The WSA was prepared in accordance with Senate Bills 610 and 221 which modified portions of the California Water Code and Government Code to assure that proposed developments over a certain size are analyzed during the planning process to confirm that reliable water supply is available. The analysis results are provided, in this case, to City of Marina decision-makers prior to approval of the specified development. The law intends that WSA's will serve as evidentiary basis for approval action by the City. The City will circulate the WSA as an Appendix to the Marina DVSP EIR.

The Marina DVSP project area is located within lands controlled by the City of Marina acting as the land-use jurisdiction. Page 8 of the attached WSA document is Figure 2.1 that shows the boundary of the project area and the surrounding environs. The project area roughly forms a right triangle with the parcels immediately west of Del Monte Boulevard (between the southbound Highway 1 entrance) forming one leg, the parcels immediately north of Reservation Road (between Del Monte and Salinas Road) forming the other leg, and the line connecting the points of Del Monte/Highway 1 (the southern intersection) and Reservation Road/Salinas Road serving as the hypotenuse.

The specific plan for the Marina DVSP area is proposed to include the land-use elements listed below (refer to Table 2.2 on WSA page 9 for quantities of each element):

- A Commercial Core District with a mix of retail, office, commercial, entertainment, residential and civic uses, focused along portions of Reservation Road and Del Monte Boulevard.
- Residential development in the Core District is high-density (70 dwelling units per acre) and restricted to the upper floors (no ground-floor residential).
- A Transition District for retail, service and hospitality businesses.

- Residential development in the Transition District is high-density (50 dwelling units per acre). In mixed use buildings facing Reservation Road and Del Monte Blvd, residential is restricted to the upper floors.
- Mixed Use nodes with retail and commercial space on the ground floor, and high-density residential (70 dwelling units per acre) on upper floors.
- Multifamily Residential Districts with apartments, townhomes and row homes at densities from 25 to 37 dwelling units per acre.

Discussion/Analysis: The District staff and its consultant, Schaaf & Wheeler, worked with the City of Marina officials to develop this WSA. The WSA concludes that the total water demand increase due to the DVSP area buildout will be 1,016.9-acre-feet-per-year (AFY; see Table 2.5 on WSA page 11). Additionally, MCWD determined that a baseline water consumption volume for the Central portion of Marina (inclusive of the DVSP area) to be 1,600-AFY (see Figure 3.1 on WSA page 13). The WSA documents that the available groundwater that MCWD is allowed to extract from the Salinas River Valley Groundwater Basin is 3,020-AFY. Thus, the available potable water that MCWD could deliver to the DVSP area is 1,420-AFY (3,020-AFY – 1,600-AFY). The use of the water described by the difference between 1,420.0-AFY and the project need of 1,016.9-AFY is highlighted by Tables 3.3 and 3.4 on WSA page 15. Even with appropriate planning exhibited by the Tables, there appears to be an excess of approximately 200 acre-feet per year that could be delivered to the Central Marina service area without exceeding the groundwater extraction limitation (and barring consideration of provisions within the prospective Groundwater Sustainability Plan).

Based on the above, the WSA concludes:

The City of Marina has sufficient existing water supply within the Central Marina service area to achieve the complete build-out of the planned Downtown Vitalization Specific Plan. The available supply is sufficient to meet the existing and projected demands over the 20-year projection during normal, single-dry and multiple-dry water years.

Environmental Review Compliance: This item is a required portion of the Marina Downtown Vitalization Specific Plan EIR.

Financial Impact: ___ Yes ___ **X** No Funding Source/Recap: None

Other Considerations: None recommended.

Material Included for Information/Consideration: [Resolution No. 2020-21](#); and, [Water Supply Assessment for the Marina Downtown Vitalization Specific Plan](#).

Action Required: ___ **X** ___ Resolution ___ Motion ___ Review
(Roll call vote is required.)

Board Action

Motion By _____ Seconded By _____ No Action Taken _____

Ayes _____ Abstained _____

Noes _____ Absent _____

April 20, 2020

Resolution No. 2020-21
Resolution of the Board of Directors
Marina Coast Water District
Approving the Water Supply Assessment for the
Marina Downtown Vitalization Specific Plan

RESOLVED by the Board of Directors (“Directors”) of the Marina Coast Water District (“District,” “MCWD”), at a meeting duly called and held on April 20, 2020, via a videoconference pursuant to Gov. Newsom’s Executive Order N-29-20, as follows:

WHEREAS, the City of Marina is the lead agency for preparation of the Downtown Vitalization Specific Plan EIR, a project requiring a Water Supply Assessment; and,

WHEREAS, the project is located within the portion of the City of Marina known as the Central Marina service area; and,

WHEREAS, the City of Marina is required to produce a water supply assessment (Water Code section 10910 et. seq.) as part of the approval process for the Downtown Vitalization Specific Plan EIR; and,

WHEREAS, the City of Marina requested that MCWD, as the public water supplier for the area of development, analyze the available supplies and produce the required assessment and written verification of supply; and,

WHEREAS, the District completed the requested water supply assessment which concluded, pursuant to Section 10910 of the California Water Code, that the District’s water supplies allocated for Central Marina are currently sufficient to meet the increase in water demand of 1,016.9-acre-feet-per-year associated with the Marina Downtown Vitalization Specific Plan development area in addition to other existing and previously approved development demands expected by MCWD in the Central Marina service area as described in MCWD’s Urban Water Management Plan during normal, single-dry and multiple dry years within a twenty-year projection; and,

WHEREAS, the District has planned the Regional Urban Water Augmentation Project to develop additional water supply for the Central Marina service area (in conjunction with the Ord Community service area), and has certified a CEQA Environmental Impact Report for the Project; and,

WHEREAS, the District is currently constructing the recycled water portion of the Regional Urban Water Augmentation Project to deliver non-potable water, a portion of which may be used by the City of Marina to the Downtown Vitalization Specific Plan project area; and,

WHEREAS, the Water Supply Assessment is confirmation of the availability of a reliable water supply for the project, based on the “Agreement between the United States of America and Monterey County Water Resources Agency Concerning Annexation of Fort Ord into Zones 2 and 2A of the Monterey County Water Resources Agency” dated September 21, 1993.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the Marina Coast Water District does hereby approve the Water Supply Assessment for the Downtown Vitalization Specific Plan.

PASSED AND ADOPTED on April 20, 2020, 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 _____

Thomas P. Moore, President

ATTEST:

Keith Van Der Maaten, 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. 2020-21 adopted April 20, 2020.

Keith Van Der Maaten, Secretary

DRAFT

**WATER SUPPLY ASSESSMENT
FOR THE
MARINA DOWNTOWN VITALIZATION
SPECIFIC PLAN**

Prepared by

MARINA COAST WATER DISTRICT



and

Schaaf & Wheeler
CONSULTING CIVIL ENGINEERS

April 2020

**WATER SUPPLY ASSESSMENT AND WRITTEN
VERIFICATION OF SUPPLY
FOR THE
MARINA DOWNTOWN VITALIZATION SPECIFIC PLAN**

**Prepared by
MARINA COAST WATER DISTRICT**



Board of Directors
Thomas P. Moore, President
Jan Shriner, Vice-President
Herbert Cortez
Peter Le
Matt Zefferman

and

Schaaf & Wheeler
CONSULTING CIVIL ENGINEERS
3 QUAIL RUN CIRCLE, SUITE 101
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April 2020

Draft
For Review Only

Andrew A. Sterbenz, P.E.
License No. C 69703

Date: 04/08/2020

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Table i. Acronyms Used in this Report

Acronym	Description
afy, ac-ft/yr	Acre-feet/year
ccf, hcf	Hundred cubic feet
gpd	Gallons per day
gpcd	Gallons per capita day, or gallons per person per day
mgd	Million gallons per day
sq-ft	Square feet
BMP	Best management practice
CAW, CalAm	California American Water Company
CCR	California Code of Regulations
CEQA	California Environmental Quality Act
CSUMB	California State University – Monterey Bay
CWC	California Water Code
DDW	SWRCB Division of Drinking Water
DMM	Demand management measure
DVSP	Downtown Vitalization Specific Plan
DWR	California Department of Water Resources
FORA	Fort Ord Reuse Authority
LAFCO	Local Agency Formation Commission
M1W	Monterey One Water (formerly MRWPCA)
MCWD, District	Marina Coast Water District
MCWRA	Monterey County Water Resources Agency
MPWMD	Monterey Peninsula Water Management District
OMC	Ord Military Community
POM	Presidio of Monterey
PWM	Pure Water Monterey Project
SB	California Senate Bill
SRDP	Salinas River Diversion Project
SVBGSA	Salinas Valley Basin Groundwater Sustainability Agency
SVWP	Salinas Valley Water Project
SVGB	Salinas Valley Groundwater Basin
SWRCB	State Water Resources Control Board
UCMBEST	University of California Monterey Bay Education, Science and Technology Center
UWMP	Urban Water Management Plan
WSA	Water Supply Assessment
WVS	Written Verification of Supply

Table ii. Units of Measure Used in this Report

Unit	Equals
1 acre-foot	= 43,560 cubic feet = 325,851 gallons
1 cubic foot	= 7.48 gallons
1 CCF	= 100 cubic feet = 748 gallons
1 MGD	= 1,000,000 gallons/day = 1,120 acre-feet / year

Summary of Water Supply Assessment

Project: Marina Downtown Vitalization Specific Plan, Marina, California

Pursuant to Section 10910 of the California Water Code (CWC), and based on the analysis detailed in this report and the representations by the Project's proponents, the Marina Coast Water District (the District) has determined that its currently projected water supplies are sufficient to meet the projected annual water demands of existing and previously approved uses and the implementation of the Marina Downtown Vitalization Specific Plan during normal, single-dry, and multiple-dry years. The Project will increase the amount of in-fill development in the District's Central Marina service area. The increased development adds approximately 282.3 acre-feet per year (AFY) to the previously projected water demand due to in-fill development. A portion of this is offset by reduced baseline water demand due to permanent water conservation modifications made during the recent drought. The projected water demand for Central Marina with the Project is 2,785 AFY in year 2040. The City has an existing allocation of Salinas Valley Groundwater of 3,020 AFY for Central Marina. Therefore, there is sufficient supply available for the proposed project.

Section 1 - Introduction

1.1 Project Overview

The City of Marina in Monterey County, California, is preparing the Downtown Vitalization Specific Plan (DVSP). The Downtown Vitalization Specific Plan is a community-initiated plan intended to guide the future development and ultimate transformation of the City's 322-acre downtown. Water supply for the City is provided by the Marina Coast Water District. Further description of the Project is given in Section 2.0.

1.2 Purpose of Water Supply Assessment

The California Water Code (§10910 et. seq.), based on Senate Bill 610 of 2001 (SB 610), requires a project proponent to assess the reliability of a project's water supply as part of the California Environmental Quality Act (CEQA) process. Under the California Government Code (§66473.7), based on Senate Bill 221 of 2001, proposed subdivisions adding 500 dwelling units are also required to receive written verification of the available water supply from the project's water supplier. This project includes the addition of up to 1,485 dwelling units but is not a subdivision as explained in Section 1.5, so only a water supply assessment is required.

This report is meant to serve as the Water Supply Assessment (WSA) for the Project to meet the California Water and Government Code requirements. This WSA documents the District's existing and future water supplies for the Project area and compares them to the District's total projected water demands for the next twenty (20) years.

The SB 610 process requires the following several steps to identify the need and scope of a project's WSA:

1. Determine whether the project is subject to CEQA.
2. Determine whether the project meets the definition of a "project" per SB 610.
3. Determine the public water agency that will serve the project.
4. Determine whether any current Urban Water Management Plan considers the projected water demand for the project area.
5. Determine whether groundwater is used by the public water agency to serve the project area.

1.3 Project Subject to CEQA

CEQA applies to projects for which a public agency is directly responsible, funds, and/or requires the issuance of a permit. The City of Marina determined that the Project is subject to the requirements of CEQA. An Environmental Impact Report (EIR) is currently being prepared.

1.4 Project Requiring a Water Supply Assessment

CWC §10912(a) defines a Project for WSA purposes as including any of the following¹:

- a proposed residential development of more than 500 dwelling units;
- a proposed shopping center or business establishment employing more than 1,000 persons or having more than 500,000 square feet of floor space;
- a mixed-use project that includes one or more of the projects identified in this list;
- a project that would demand an amount of water equivalent to, or greater than, the amount of water required by a 500 dwelling unit project.

The Downtown Vitalization Specific Plan proposes the addition of up to 2,904 dwelling units and 1,385,000 square feet of commercial space, so a water supply assessment is required.

1.5 Requirements of a Written Verification of Supply

Government Code §66473.7(b)(1) requires:

The legislative body of a city or county or the advisory agency, to the extent that it is authorized by local ordinance to approve, conditionally approve, or disapprove the tentative map, shall include as a condition in any tentative map that includes a subdivision a requirement that a sufficient water supply shall be available. Proof of the availability of a sufficient water supply shall be requested by the subdivision applicant or local agency, at the discretion of the local agency, and shall be based on written verification from the applicable public water system within 90 days of a request.

The public water system must determine if there is sufficient water supply for the subdivision, as defined in Government Code §66473.7(a)(2): *“Sufficient water supply” means the total water supplies available during normal, single-dry, and multiple dry years within a 20- year projection that will meet the projected demand associated with the proposed subdivision, in addition to existing and planned future uses, including, but not limited to, agricultural and industrial uses.*

However, Government Code §66473.7(i) exempts infill projects:

This section shall not apply to any residential project proposed for a site that is within an urbanized area and has been previously developed for urban uses, or where the immediate contiguous properties surrounding the residential project site are, or previously have been, developed for urban uses, or housing projects that are exclusively for very low and low-income households.

¹ There are additional uses that may qualify as a “project” under the CWC, but included here are the applicable categories.

The DVSP is a zoning action that facilitates infill development but does not require preparing a tentative map or final map, so a Written Verification of Supply is not required.

1.6 Public Water Agency Serving the Project

The Marina Coast Water District, a county water district, serves the City of Marina and the former Fort Ord, which includes portions of the City of Marina, City of Seaside, City of Del Rey Oaks, City of Monterey and unincorporated Monterey County. The District has two service areas, Central Marina (outside the former Fort Ord) and the Ord Community. The Project is located in the Central Marina Service Area (see Figure 1.1). MCWD provides water and wastewater service to the Ord Community as outlined in the Water/ Wastewater Facilities Agreement between the Fort Ord Reuse Authority (FORA) and MCWD (1998) and as further described in the Assignment of Easements on Former Fort Ord and Ord Military Community, County of Monterey, and Quitclaim Deed for Water and Wastewater Systems, between FORA and MCWD, dated October 24, 2001. MCWD recently completed the Local Agency Formation Commission of Monterey County (LAFCO) annexation of the served portions of the Ord Community into the District’s service area and sphere of influence (see Figure 1.2).

Figure 1.1: Marina Coast Water District Service Areas

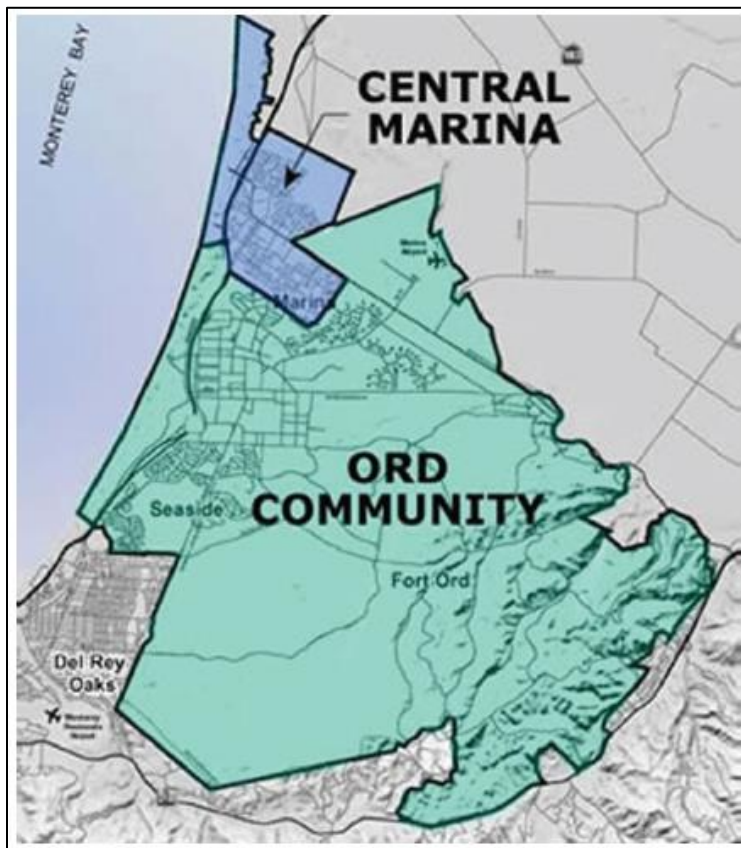
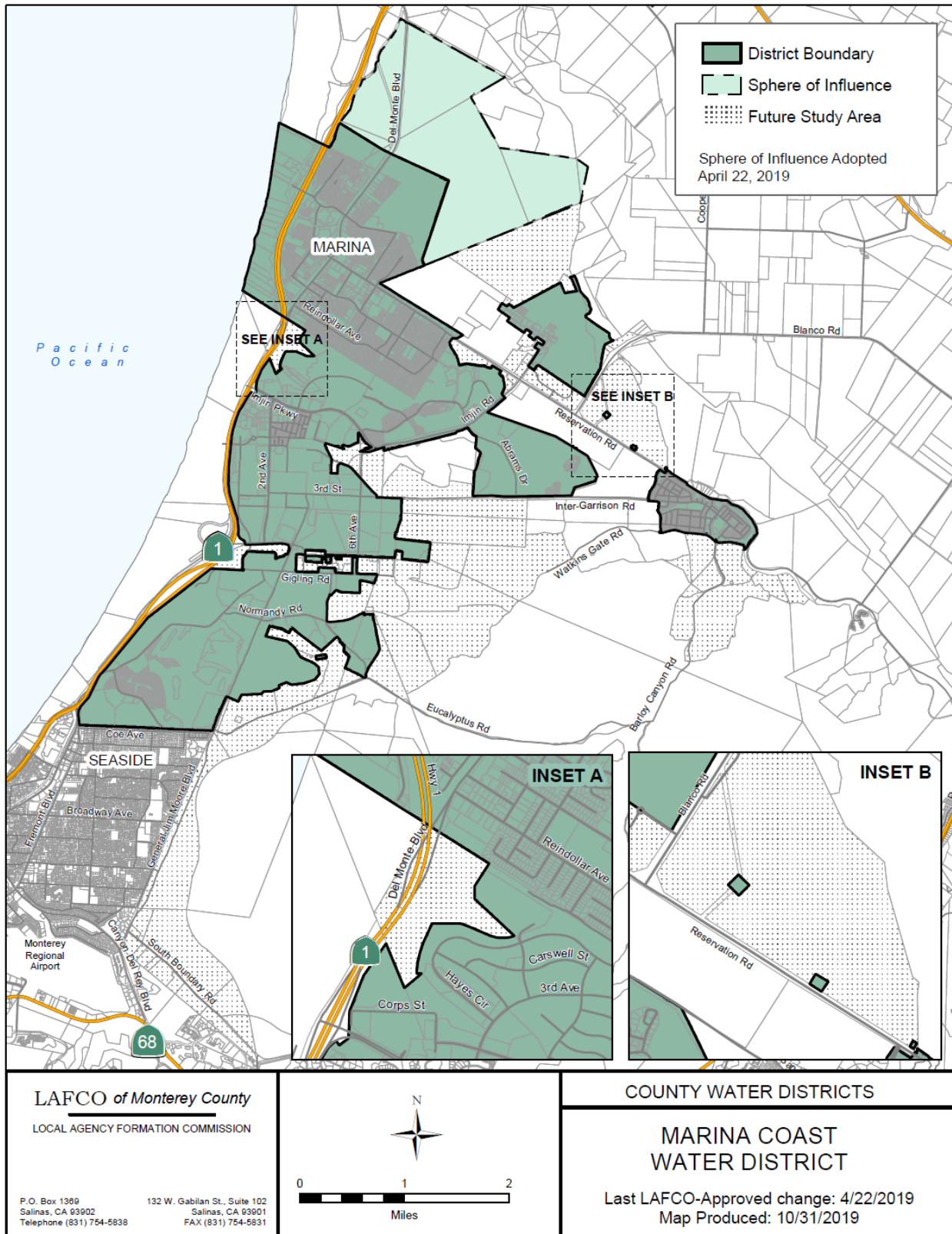


Figure 1.2: Marina Coast Water District LAFCO Service Boundary



1.7 Relationship of WSA to MCWD Urban Water Management Plan

The California Urban Water Management Planning Act (§10610 et. seq. of the CWC) requires urban water suppliers providing over 3,000 acre-feet per year (AFY) of water or having a minimum of 3,000 service connections to prepare plans (urban water management plans or UWMPs) on a five-year, ongoing basis. An UWMP must demonstrate the continued ability of the provider to serve customers with water supplies that meet current and future expected demands under normal, single dry, and multiple dry year scenarios. These plans must also include the assessment of urban water conservation measures and wastewater recycling. Pursuant to Section 10632 of the CWC, the plans must also include a water shortage contingency plan outlining how the water provider will manage water shortages, including shortages of up to fifty percent (50%) of their normal supplies, and catastrophic interruptions of water supply. The Marina Coast Water District is required to prepare Urban Water Management Plans. The District's most recent Urban Water Management Plan (2015 UWMP) was adopted in June 2016. The 2015 UWMP projected demands for 20 years through the year 2035.

As provided for in the State law, this WSA incorporates by reference and relies upon many of the planning assumptions and projections of the 2015 UWMP in assessing the water demands of the proposed Project relative to the overall increase in water demands expected within the entire District service area. The 2015 UWMP projected a significant increase in water demand within the Central Marina Service Area due to anticipated in-fill development, based upon the City's General Plan, Zoning Ordinance and earlier drafts of the DVSP, and the planned Marina Station subdivision on the north edge of the City. Water demand for Central Marina was projected to increase from 1,823 acre-feet/year (AFY) in 2012 to 3,905 AFY in 2035. The increased demand was projected to be met with existing groundwater resources.

The 2015 UWMP found that the projected Central Marina water demand of 2,725 AFY in year 2035 could be met using the available groundwater supply, but the Ord Community water demand of 8,293 AFY in year 2035 exceeded the currently available supply of 6,600 AFY. Additionally, because the current water supply within the Ord Community has been allocated among the land use jurisdictions, some jurisdictions maintain a projected surplus, while others have projected shortages. The District is pursuing two water supply projects to address the projected shortfall. First, an urban recycled water system is being constructed, which will provide an initial 600 AFY for landscape irrigation, and ultimately provide up to 1,427 AFY of non-potable supply. Second, a seawater desalination project is proposed to provide up to 1,500 AFY of potable water supply. The District is currently considering alternative groundwater replenishment projects which, if feasible, may replace the desalination portion of the RUWAP.

Section 2 - Project Description and Water Demands

2.1 Project Description

The DVSP for the City of Marina, California describes the planned redevelopment in the 322-acre Project Area, whose boundaries are shown in Figure 2.1. The DVSP area is located within the District's Central Marina service area, generally including parcels along and near Del Monte Boulevard and Reservation Road. The Project area is currently developed, as described further below.

Based on the DSVP documentation, the Project entails rezoning of the Project Area to allow for development of the following:

- A Commercial Core District with a mix of retail, office, commercial, entertainment, residential and civic uses, focused along portions of Reservation Road and Del Monte Boulevard. Residential development in the Core District is high-density (70 dwelling units per acre) and restricted to the upper floors (no ground-floor residential);
- A Transition District for retail, service and hospitality businesses. Residential development in the Transition District is high-density (50 dwelling units per acre). In mixed use buildings facing Reservation Road and Del Monte Blvd, residential is restricted to the upper floors.
- Mixed Use nodes with retail and commercial space on the ground floor, and high-density residential (70 dwelling units per acre) on upper floors.
- Multifamily Residential Districts with apartments, townhomes and row homes at densities from 25 to 37 dwelling units per acre.

Other elements of the DVSP are the identification of required access and circulation to serve future development, location and sizing of needed infrastructure, financing methods for public improvements, and establishing standards of development. These other elements, except for the discussion of future water supply infrastructure, are not relevant to the WSA and so are not discussed further.

2.2 Proposed Land Uses and Water Demands

Table 2-1 and Table 2-2 quantify the existing and proposed land uses within the plan area. Anticipated build-out of the DVSP area includes adding from 532,000 to 1,385,200 SF of commercial space and 2,904 high-density residential units to the specific plan area. The timing of the planned development would depend upon market forces, so an exact estimate of when build-out would occur is not possible. This report assumes build-out will occur over 20-years so that the full water demand increase is reflected in the analysis.

Figure 2.1: Specific Plan Area

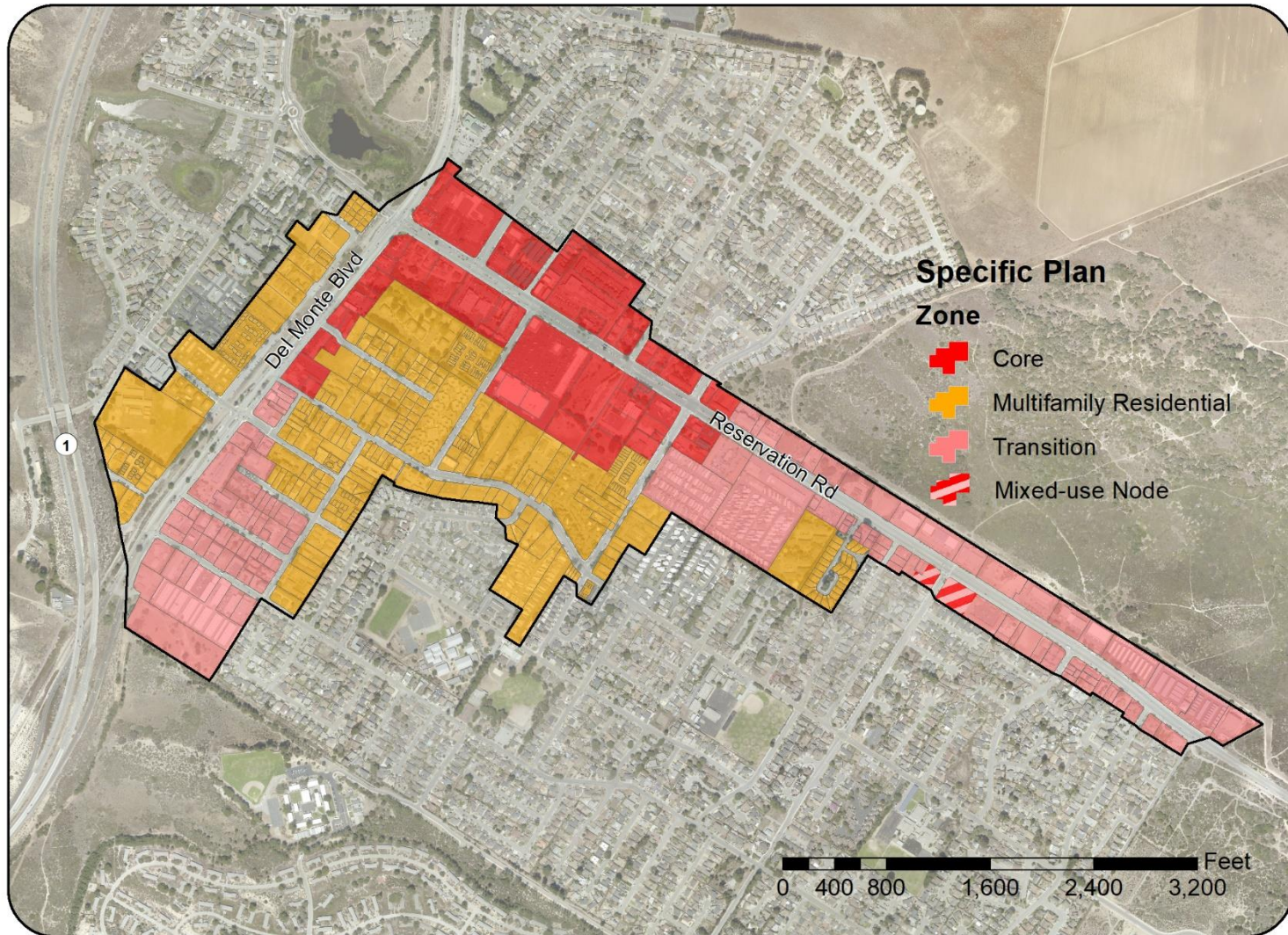


Table 2-1: Current Land Use in DVSP Area

Current Land Use		
	Square Footage	Residential Units
Core		286
Retail	375,227	
Office	36,587	
Multifamily Residential	0	1,638
Transition		377
Retail	316,428	
Office	277,466	
Total	1,005,708	2,301

Table 2-2: Projected Land Use in DVSP Area

DVSP (Current plus Development)				
	Minimum Sq. Ft	Maximum Sq. Ft	Residential Density	Residential Units
Core			70/acre	1,658
Retail	583,704	1,050,667		
Office	145,926	262,667		
Multifamily Residential	0	0	35/acre	1,792
Transition			50/acre	1,755
Retail	386,780	515,707		
Office	421,436	561,914		
Total	1,537,846	2,390,955		5,205

Table 2-3: Projected Increases

	Commercial Min Sq. Ft	Commercial Max Sq. Ft	Residential Units
Current	1,005,708	1,005,708	2,301
Projected	1,537,846	2,390,955	5,205
Increase	532,138	1,385,247	2,904

2.2.1 Residential

Multi-family residential densities are proposed to increase from the current maximum of 35 units per acre to as high as 70 units per acre, depending upon the district. The MCWD 2015 UWMP uses a demand factor of 0.25 AFY/DU for all multi-family residential development. The projected increase in multi-family dwelling units is 2,904, with a resulting increase in water demand of 726 AFY = (2,904 DU) x (0.25 AFY/DU). This value is inclusive of on-site landscaping and laundry facilities.

2.2.2 Commercial

The specific plan anticipates commercial square-footage increases of 532,088 SF (minimum) to 1,385,197 (maximum). The new uses will be a mix of office, retail, dining, entertainment and light industrial. The MCWD 2015 UWMP has demand factors for various types of development, as well as a generic Commercial demand factor, as shown in Table 2-4. Applying the generic commercial demand factor to the projected increases, the estimated demand ranges from 159.6 AFY to 415.6 AFY. Applying the retail demand factor, which is mid-way between the factors for office and restaurant, the estimated demand ranges from 111.7 AFY to 290.9 AFY. For this analysis, we will use 290.9 as the projected commercial demand increase. This is the upper end estimate using the retail demand factor, and also the mid-point of the range using the commercial demand factor.

Table 2-4: Water Demand Factors

Use Type	Qty/AFY	Factor	Unit
Apartments	4	0.25	AFY/DU
Commercial (generic)	3,333	0.00030	AFY/SF
Retail	4,762	0.00021	AFY/SF
Office	7,407	0.00014	AFY/SF
Govt./Institutional	3,333	0.00030	AFY/SF
Restaurant	2,857	0.00035	AFY/SF
Light Industrial	6,667	0.00015	AFY/SF

2.2.3 Parks and Landscaping

The specific plan text speaks to the need for in-fill parks and recreation areas, but none are specifically proposed. Since the project area is fully developed, we assume that existing irrigated landscaping will be reconfigured within the project, but no additional landscaping will be added.

Landscaping for street medians, parks and commercial sites may be irrigated with recycled water. MCWD will begin delivering recycled water for urban irrigation in 2020. Initial sites in Central Marina are outside the DVSP area, so no reduction in potable water demand for landscape irrigation is assumed for this analysis.

2.2.4 Project Total Water Demands

The total water demand projected for the project is 1,016.9 AFY, as shown in Table 2-5, below. A portion of this growth was included in the 2015 UWMP, as discussed in later sections.

Table 2-5: Summary of Estimated Water Demand

Land Use	Maximum Quantity	Unit	Demand Factor (AFY/unit)	Demand (AFY)
MF Residential	2,904	DU	0.25	726
Commercial	1,385,197	SF	0.00021	290.9
Total				1016.9

Section 3 - District Water Demands

3.1 Historic and Current Water Demands

Table 3-1 shows the District’s water production over the period 2010-2019. The District’s average production over that period was 3,690 AFY, with 1,582 AFY in the Central Marina service area and 2,107 AFY in the Ord Community service area.

Table 3-1: Water Production by Service Area (AF)²

Year	Central Marina	Ord Community	Total
2010	1,744	2,389	4,133
2011	1,698	2,348	4,047
2012	1,814	2,360	4,174
2013	1,467	2,964	4,431
2014	1,619	2,407	4,026
2015	1,420	1,808	3,228
2016	1,303	1,722	3,025
2017	1,587	1,651	3,238
2018	1,744	1,661	3,405
2019	1,425	1,764	3,189

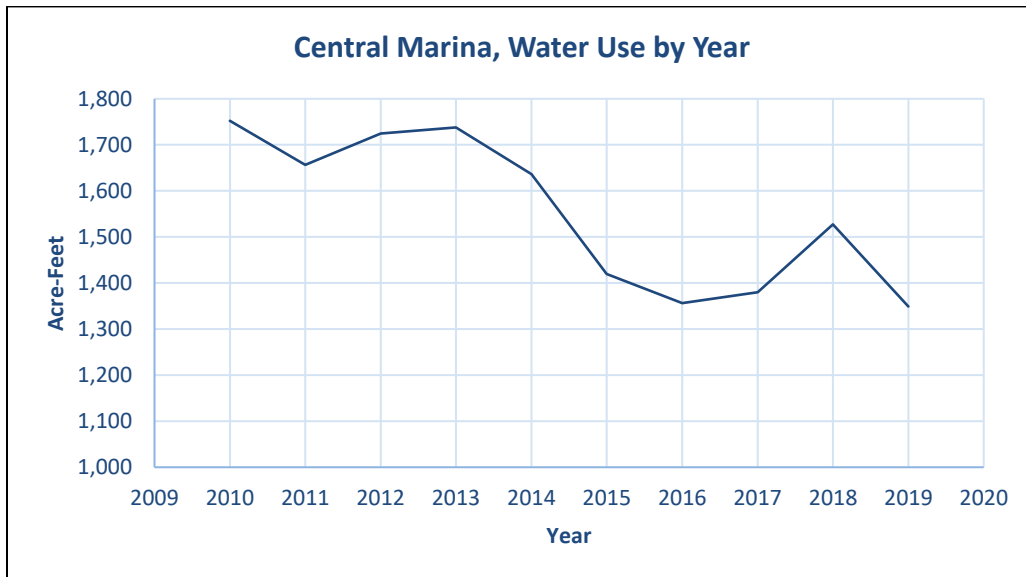
The City of Marina is made up of six sub-areas used for planning. Central Marina is divided into the three parties to the 1996 Zone 2/2A Annexation Agreement with MCWRA, which were the City of Marina (outside the former Fort Ord), the Armstrong Ranch and the RMC-Lonestar (now CEMEX) property. Armstrong Ranch is undeveloped land north of the City and east of Highway 1. CEMEX is north of the City and west of Highway 1. Each party to the annexation agreement has a separate allocation of Salinas Valley groundwater, so development and use is tracked by sub-area, although the City has since annexed the CEMEX property and a portion of the Armstrong Ranch. Similarly, the former Fort Ord was annexed into MCWRA Zones 2/2A and has an allocation of Salinas Valley Groundwater. The City portion of the Ord Community includes three land use jurisdictions, the City of Marina, the University of California and California State University. Each jurisdiction was allocated a portion of the existing groundwater supply by the Fort Ord Reuse Authority and is tracked as a separate entity.

For this WSA, we only assess the City portion of Central Marina, which is where the project is located. Planned development has not yet occurred in the Armstrong Ranch and CEMEX properties. Significant redevelopment is occurring in the City portion of the Ord Community, although at a slower pace than what was projected in the 2015 UWMP.

² Source: District Operations Staff

Water use in Central Marina is shown in Figure 3.1. Demand declined during the drought of record (2012-2016) due to mandated water conservation measures. Following the drought, demand rebounded somewhat but has not returned to pre-drought levels due to non-temporary changes (installation of water-conserving fixtures, reductions in irrigated landscaping, etc.) as well as changes in customer consumption behavior. System wide use in 2019 was approximately equal to the use in 2018. The 2015 UWMP assumed a baseline water demand of 1,823 AFY for Central Marina, based upon pre-drought usage. For this analysis, the baseline demand is revised to 1,600 AFY, reflective of the post-drought trend.

Figure 3.1: Water Use within Central Marina³ (acre-feet)



3.2 Future Demands

Table 3-2 shows projected water demands for the District through 2035. The projection is based on Table 3.5 of the 2015 UWMP, with updates to the City of Seaside portion of the Ord Community made under a previous WSA⁴. The projected water demand for Central Marina is based upon a baseline usage of 1,823 acre-feet per year, and a significant amount of in-fill development. A portion of the in-fill was based upon the 2010 version of the draft DVSP, but it also included a new school with irrigated sports fields, 400 new hotel rooms and low-density housing additions outside the DVSP area. City staff has revised the in-fill projection based on available in-fill sites outside the DVSP area. A comparison of the previous and current in-fill projections is provided in Table 3-3. Infill within the DVSP area significantly increases, partially because the 2015 UWMP showed the first 20-years of a 30-year buildout projection, but

³ Source: MCWD Quarterly Water Consumption Reports

⁴ See the WSA/WSV for the Campus Town Specific Plan

also because the updated DVSP projects a much greater amount of infill. This increased the demand projection by 554.7 AFY. Outside the DVSP area, the projected demand decreases by 272.4, as explained below. The net result is the projected in-fill water demand increases by 282.3 AFY.

Table 3-2: Water Demand Projection by Service Area (AF)⁵

	Jurisdiction	2012*	2015**	2020	2025	2030	2035	Notes	Allocation
Ord	U.S. Army	620	633	663	825	825	825		1,577
	CSUMB	404	404	442	632	755	779		1,035
	Del Rey Oaks	0	0	186	551	551	551		243
	City of Monterey	0	0	0	130	130	130		65
	County of Monterey	8	52	377	539	539	539		720
	UCMBEST	3	3	94	299	515	515	4	230
	City of Seaside	657	657	592	783	1,097	1,560	1, 2	1,012
	State Parks and Rec.	0	0	12	18	20	25		45
	Marina Ord Comm.	264	285	901	1,572	1,702	1,704	3	1,325
	Assumed Line Loss	395	348	348	348	348	348		348
Marina	Armstrong Ranch	0	0	0	680	680	680		920
	Cemex	0	0	0	0	0	500		500
	Marina Central	1,823	1,823	2,184	2,491	2,606	2,725		3,020
Subtotal - Ord		2,351	2,382	3,616	5,698	6,482	6,976		6,600
Subtotal - Marina		1,823	1,823	2,184	3,171	3,286	3,905		4,440
Total		4,174	4,204	5,800	8,868	9,768	10,881		11,040

*Actual demands from calendar year 2012 used to represent a non-drought year.

** Projected demands. Actual use was lower due to mandatory drought restrictions.

1 Includes Seaside Resort Golf Course use in 2012 and 2015 (temporary use).

2. Revised values shown in italics. Removes Monterey Downs project.

3. Revised allocation to reflect groundwater only. Supply from existing pilot desalination plant removed.

4. MBEST commented that they may develop up to 230 AFY as soon as the market allows it.

⁵ Source: Table 3-3 of the WSA/WSV for the Campus Town Specific Plan. Marina-Ord allocation revised per note 3.

Table 3-3: Central Marina In-Fill Projection Compared to Elements in the 2015 UWMP⁶

Area and Use	2015 UWMP				2019 Specific Plan			
	Qty	Unit	Factor	Demand	Qty	Unit	Factor	Demand
DVSP In-Fill								
MF Residential (> 15 DU/Acre)	1,600	DU	0.25	400.0	2,904	DU	0.25	726.0
Office	84,000	SF	0.000135	11.3	510,528	SF	0.000135	68.9
Retail/Commercial	169,400	SF	0.0003	50.8	874,669	SF	0.000254	222.0
			Total:	462.2			Total:	1,016.9
In-Fill Outside the DVSP								
SF Residential (5-8 DU/Acre)	33	DU	0.33	10.9	0	DU	0.33	0.0
SF Residential (8-12 DU/acre)	0	DU	0.25	0.0	200	DU	0.25	50.0
MF Residential (> 15 DU/Acre)	349	DU	0.25	87.3	189	DU	0.25	47.3
Hotel/Motel	400	Room	0.17	68.0	180	Room	0.11	19.8
Retail/Restuarants	92,000	SF	0.00145	133.4	0	SF	0.00145	0.0
Other Commercial	60,000	SF	0.0003	18.0	138,521	SF	0.0003	41.6
Institutional	10,000	SF	0.0003	3.0	0	SF	0.0003	0.0
Schools	188,260	SF	0.0003	56.5	0	SF	0.0003	0.0
RV Park	0	Space	0.065	0.0	24	Space	0.065	1.6
Landscape (turf)	25.2	AC	2.5	63.0	0	AC	2.5	0.0
Landscape (non-turf)	0	AC	2.1	0.0	3.53	AC	2.1	7.4
			Total:	440.0			Total:	167.6
Total for Central Marina:				902.2				1,184.5

The most significant change to the in-fill projection is the removal of the previously proposed school⁷, but the demand projection is also reduced due to assuming higher-density housing which uses less water per unit, and revising the demand factor for hotels to reflect the current average demand per room within the District⁸. The revised demand factor for hotel rooms is used in the current Capacity Fee Study and will be posted in the next revision to Appendix C of the District Code. Assuming infill-occurs at a steady rate over 20-years, the revised projection for the City portion of Central Marina is shown in Table 3-4. The revised projection for Central Marina is provided in Table 3-5. Note that the projections for the Ord Community were not carried past the 2015 UWMP Projection.

Table 3-4: Cumulative Central Marina Demand by Time Increment

	2020	2025	2030	2035	2040
Revised Baseline	1,600.0	1,641.9	1,683.8	1,725.7	1,767.6
DVSP	0.0	254.2	508.5	762.7	1,016.9
Total Central Marina	1,600.0	1,896.1	2,192.3	2,488.4	2,784.5

Assumes flat-line growth

⁶ Source: Table C-3, 2015 UWMP. DVSP demands per Section 2.2 of this report.

⁷ The Monterey Peninsula Unified School District Facilities Master Plan does not include a new school.

⁸ Based on billing records for 2015 to 2018

Table 3-5: Revised Water Demand Projection by Service Area (AF)

	Jurisdiction	2015*	2020	2025	2030	2035	2040**	Notes	Allocation
Ord	U.S. Army	633	663	825	825	825			1,577
	CSUMB	404	442	632	755	779			1,035
	Del Rey Oaks	0	186	551	551	551			243
	City of Monterey	0	0	130	130	130			65
	County of Monterey	52	377	539	539	539			720
	UCMBEST	3	94	299	515	515			230
	City of Seaside	657	992	1,183	1,497	1,960			1,012
	State Parks and Rec.	0	12	18	20	25			45
	Marina Ord Comm.	285	901	1,572	1,702	1,704			1,625
	Assumed Line Loss	348	348	348	348	348			348
Marina	Armstrong Ranch	0	0	680	680	680	680	3	920
	Cemex	0	0	0	0	0	500	4	500
	Marina Central	1,419	1,600	1,896	2,192	2,488	2,785	1, 2	3,020
Subtotal - Ord		2,382	4,016	6,098	6,882	7,376			6,900
Subtotal - Marina		1,419	1,600	2,576	2,872	3,168	3,964		4,440
Total		3,801	5,616	8,674	9,754	10,544			11,340

* Ord Community values are projected demands from 2015 UWMP.

** Ord Community projections for 2040 have not been developed.

1. Revised current baseline water demand to 1,600 AFY
2. Assumes a uniform in-fill rate
3. Projection is for the Marina Station project
4. Projection is from the 1996 2/2A Annexation Agreement.

3.3 Dry-Year Demands

Section 10631 of the Water Code requires that water demands be estimated for an average water year, a single dry water year and multiple dry water years. As discussed in the District’s 2015 Urban Water Management Plan, the MCWD service area has a cool summer-type Mediterranean climate, with rain occurring in October through May, and advection fog enveloping the coast in the summer in response to inland heating. Due to these cool summer conditions, the area does not experience the significant increases in summer irrigation demands common to areas further inland in the Salinas River Valley. Periods of below normal rainfall do not reduce the coastal fog, resulting in very minor demand fluctuations between average and dry years.

During the drought of 2012-2016, Central Marina water demand increased by 4% in the first dry year and 5% in the second dry year, compared with the use in 2011⁹. Demands then declined to 99%, 86% and finally 82% of the pre-drought use due to mandatory drought restrictions. The

⁹ Values based on MCWD Quarterly Water Consumption Reports

projected demands for Central Marina during single dry years and multiple dry years are provided in Table 3-6, with the maximum demand being 2,923.7 AFY.

Table 3-6: Dry Year Demand Projections

	Average Year	Single Dry Year	1st Dry Year	2nd Dry Year	3rd Dry Year	4th Dry Year	5th Dry Year
Factor		1.04	1.04	1.05	0.99	0.86	0.82
Projected Demand (AFY)	2,784.5	2,895.9	2,895.9	2,923.7	2,756.7	2,394.7	2,283.3

MCWD has sufficient supply and well capacity to meet all customer demands during peak (dry year) conditions.

Section 4 - Water Supply

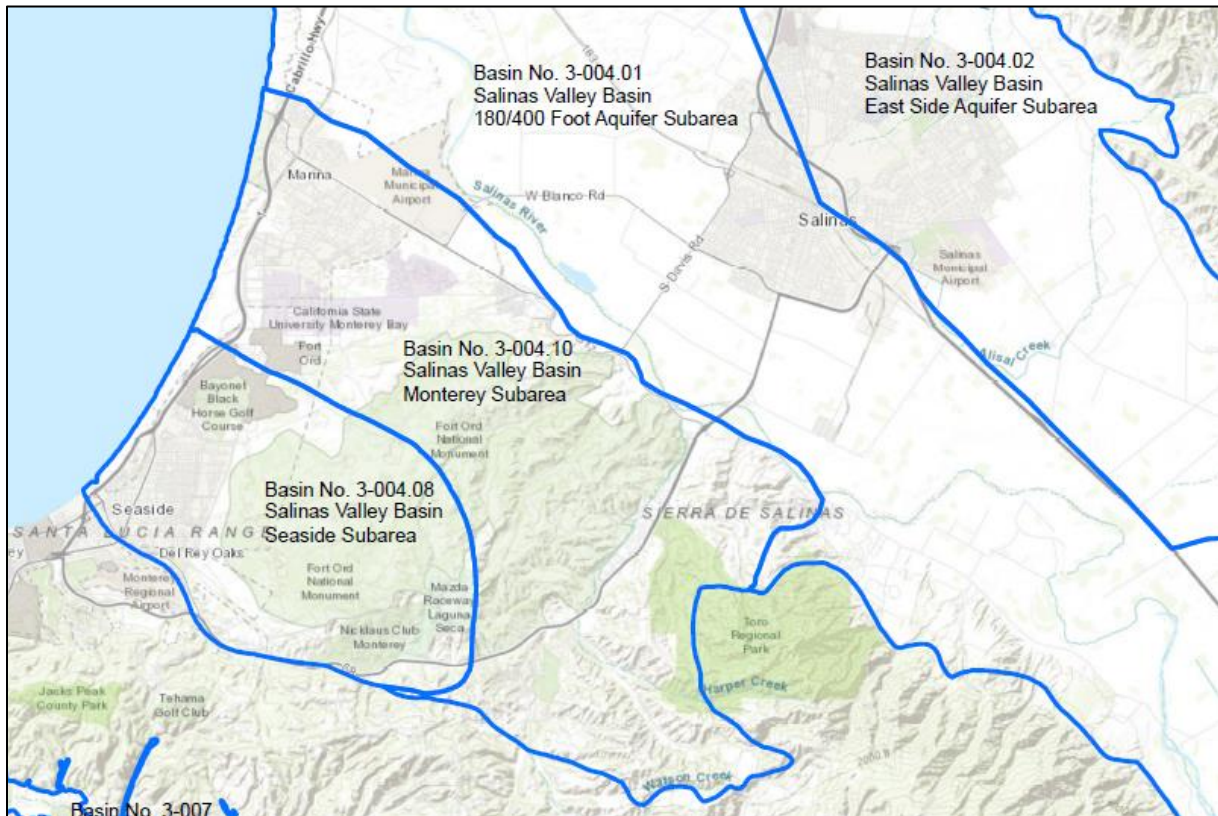
4.1 Current Water Supply

The District's primary source of water supply is the Salinas Valley Groundwater Basin, and it also has a small desalination plant in the Central Marina Service Area. Under the Regional Urban Water Augmentation Project, the District is working to develop recycled water and a larger desalination plant to meet the projected demands of the Ord Community. None of the District's current supply is purchased under wholesale contract.

4.1.1 Groundwater

The District supplies groundwater from the Salinas Valley Groundwater Basin. In 2016, the California Department of Water Resources (DWR) published an Interim Update to Bulletin 118, California's Groundwater. Bulletin 118 defines groundwater basin and sub-basin boundaries used for planning and groundwater management. The update reflects changes submitted to and approved by DWR under the Sustainable Groundwater Management Act. Within northern Monterey County, the changes include redefining the boundaries of the Seaside and Corral De Tierra sub-areas to reflect the defined boundary of the adjudicated Seaside Groundwater Basin, and merge the remaining portion of the Seaside sub-area with the Corral de Tierra sub-area (renamed the Monterey sub-area). The revised boundaries are shown in Figure 4.1.

Figure 4.1: Groundwater Basins



All of the District’s wells are located within the Monterey Sub-Basin of the Salinas Valley Groundwater Basin. MCWD has been designated as an exclusive Groundwater Sustainability Agency (GSA) within its LAFCO service area, and it participates in the Salinas Valley Basin GSA as a member of the Advisory Committee. A portion of the District’s Ord Community service area overlays the Seaside Sub-Basin of the Salinas Valley Groundwater Basin, which is an adjudicated basin managed by the Seaside Water Master Board.

Under the “Agreement between the United States of America and the Monterey County Water Resources Agency concerning Annexation of Fort Ord into Zones 2 and 2A of the Monterey County Water Resources Agency, Agreement No. A-06404”, dated September 21, 1993, the District (successor to the United States) may withdraw up to 6,600 acre-feet per year from the Salinas Valley Groundwater Basin for use in the District’s Ord Community service area. Under the “Annexation Agreement and Groundwater Mitigation Framework for Marina Area Lands” dated March 1996, by and between the MCWRA, the Marina Coast Water District, J.G. Armstrong Family Members, RMC Lonestar, and the City of Marina, the District may withdraw up to 3,020 AFY from the Salinas Valley Groundwater Basin for use in the District’s Central Marina service area. Under that agreement, additional groundwater supply will be made available to the District for use within the Armstrong Ranch and the RMC Lonestar properties north of Marina, if and when the City annexes and develops those areas. The City and the District annexed the Marina Station portion of the Armstrong Ranch in 2007. That subdivision has not yet been constructed.

There are three defined aquifers within the Marina Coast Water District service area, the 180-foot, the 400-foot and the 900-foot or Deep Aquifer. The District operates eight wells, with three in Central Marina and five in the Ord Community. The service areas are interconnected for reliability, with meters at the points of connection to facilitate managing the two well-fields to ensure each service area remains within its authorized withdrawal limit. Table 4-1 summarizes the existing pumping capacity of the District wells. As can be seen, the District has sufficient well capacity to meet the maximum day demands with the largest well out-of-service.

Table 4-1: Existing Pumping Capacity

Location	Well #	Aquifer	Estimated Capacity	
			(AFY)	(GPM)
Marina	10	Deep	2,352	1,458
	11	Deep	3,266	2,025
	12	Deep	3,262	2,022
Ord	29	400 foot	2,420	1,500
	30	400 foot	2,465	1,528
	31	400 foot	3,734	2,315
	34	Deep	4,000	2,480
	35	400 foot	4,023	2,494

4.1.2 Desalinated Water

The District has a desalination plant located near Marina State Beach, which was designed to contribute up to 300 AFY of potable water supply to the Central Marina service area. The plant was constructed in 1997 as a pilot project but is not currently in use. Supply from this facility is not included in this water supply assessment, although the District may elect to reinstate the plant at some point in the future.

4.2 Future Water Supply

The District is working towards developing new sources of water supply to meet projected demand increases due to redevelopment within the Ord Community, as well as taking actions to address groundwater wells impacted by seawater intrusion. The two major water supply projects described below are (i) reclaimed wastewater, and (ii) desalinated water, which make up the Regional Urban Water Augmentation Project. MCWD is investigating alternative sources of potable supply, which may be less costly than desalination.

4.2.1 Recycled Water

Recycled water refers to sanitary sewage which undergoes treatment and disinfection, typically for non-potable uses such as agricultural and landscape irrigation. The Monterey One Water (M1W, formerly Monterey Regional Water Pollution Control Agency) operates a regional wastewater treatment facility in north Marina and produces reclaimed water for agricultural irrigation in the Castroville area. Through prior agreements with the M1W, the District is entitled to receive recycled water from the regional plant, up to the volume of wastewater generated within the District and sent to the plant. In 2007, MCWD began detailed design of the recycled water distribution system, and constructed several portions of the transmission main in conjunction with road improvement projects. In 2012, M1W began planning the Pure Water Monterey Groundwater Replenishment Project, which will develop additional sources of water supply and produce advanced treated water for injection into the Seaside Groundwater Basin for indirect potable reuse. In 2016, MCWD and M1W entered into an agreement allowing MCWD to participate in the Pure Water Monterey Project. MCWD has now completed construction of the transmission main, which will be used to deliver advanced treated water for both groundwater injection and for urban irrigation.

Under the initial phase of the project, MCWD will receive up to 600 AFY of advanced treated water for urban irrigation use. In later phases, the project may be expanded and MCWD's share would increase to 1,427 AFY, which was the amount of non-potable demand in the Ord Community analyzed in the RUWAP EIR.

4.2.2 Desalinated Water

Given readily available saline and brackish waters near the District's service area, desalinated water has been considered as another potential water supply. The Regional Urban Water

Augmentation Project EIR includes a 1,500 AFY desalination facility for the District. The facility was sized to provide 1,200 AFY of new supply to the Ord Community and 300 AFY to Central Marina.

4.2.3 Conservation

The Marina Coast Water District has an active water conservation program. Under the District's water conservation ordinance, all new construction is required to incorporate water saving devices over and above the requirements of the state building code. Additionally, the District has adopted the State's Model Water Efficient Landscape Ordinance. The District requires developers to install water conserving fixtures during construction, landscapes which require high irrigation are discouraged, and a tiered water rate structure discourages water waste. The District offers rebate incentives to replace less efficient water fixtures, for installing smart irrigation controllers, and for replacing lawns and sprinklers.

The State of California has established a goal of reducing per person water use by 20% by the year 2020, compared to the 2008 baseline demands. Toward that end, the California Building Code was updated in 2010, with the goal of reducing indoor water use to 55 gallons per person per day. In the 2010 UWMP, the District identified a year 2020 conservation target of 117 gallons per person per day (system-wide potable average). It is anticipated that the Downtown Vitalization Specific Plan area will meet that goal, based upon the new indoor plumbing fixture codes and the increased housing density.

4.3 Regulatory Permits Necessary for Supply Delivery

The Marina Coast Water District is a public water system, permitted by the State Water Resources Control Board, Division of Drinking Water, System No. 2710017. The recycled water distribution system is permitted as System No. 2790009. Permits required for the construction and operation of new facilities are obtained on a project-by-project basis.

Section 5 - Supply Sufficiency Analysis

5.1 Comparison of Project Demands to Projected Supply

The water demand for the Central Marina service area with the implementation of the DVSP is projected to increase to 2,784.5 AFY over the next 20 years. The Central Marina service area has 3,020 AFY of groundwater supply available, which is sufficient to meet the existing and projected demands over the 20-year projection during normal, single-dry and multiple-dry water years.

Within the Ord Community, the 6,600 AFY of existing Salinas Valley groundwater supply has been allocated among the land use jurisdictions by the Fort Ord Reuse Authority (FORA), as shown in Table 5-1, below. The municipal jurisdictions (Cities and Monterey County) formally sub-allocate this supply to developments. Until additional water supplies are developed and allocated within the Ord Community, MCWD will only allow new service connections up to the usage totals allocated by the respective jurisdictions. FORA has also formally allocated the recycled water supply from the Phase 1 Recycled Water Project. Those allocations are included in Table 5-1.

Table 5-1: FORA Allocations in the Ord Community

Land Use Jurisdiction	Existing Groundwater Allocation (AFY)	Future Recycled Allocation (AFY)
City of Del Rey Oaks	243	280
City of Marina (Ord)	1,325	345
City of Monterey	65	0
City of Seaside	1,012	453
County of Monterey	710	134
Marina Sphere (existing use)	10	0
CA State Parks and Rec.	45	0
CSU Monterey Bay	1,035	87
Univ. of California MBEST	230	60
U.S. Army	1,577	0
Assumed Line Loss	348	68
Total – Ord Community	6,600	1,427

As shown in Table 3-2, water demand in the Ord Community service area is projected to exceed the available existing supply of Salinas Valley groundwater. The District is pursuing the development of additional water supplies to meet the demands of that service area.

5.2 Plans for Acquiring Additional Water Supplies

Under the provisions of Section 10911 of the California Water Code, if the water supplier concludes that water supplies will be insufficient for the proposed project, the water supplier

shall provide its plans for acquiring additional water supplies. The Marina Coast Water District is currently pursuing two water supply projects, the Recycled Water Project and the Desalination Project, which are intended to allow the District to develop 2,400 AFY of new supply to meet the projected Ord Community demand. Detailed descriptions of these projects are provided in Appendices B and C.

5.3 Reliability of Water Supply

The Salinas Valley Groundwater Basin has a large storage volume, and is recharged by the Salinas River, which is augmented by upstream reservoirs managed by MCWRA. Consequently, the aquifer does not experience wide level variations due to climatic conditions. Water levels vary by 20 to 30 feet seasonally and decline an additional 10 to 20 feet during drought periods. The District's demands accounted for less than one percent of the total groundwater pumped from the Salinas groundwater basin in 2015, the latest year reported. Therefore, the District's supply is considered reliable on a quantity basis. The upper aquifers in the Salinas Valley Groundwater Basin (180-foot aquifer and 400-foot aquifer) along the coast are experiencing high salinity due to seawater intrusion. The District's wells in Central Marina are in the Deep Aquifer, which has not experienced signs of seawater intrusion and is considered to have reliable quality. In the Ord Community, the District has one well in the deep aquifer and four wells in the upper aquifers, but outside the area currently affected by seawater intrusion. The District is closely monitoring the quality in these wells.

The planned additional sources of supply are recycled wastewater and seawater desalination. The source of supply for recycled water is wastewater return flows, which originate from indoor water use. Indoor water use is not subject to the same levels of curtailment during drought periods as outdoor water use, so the source of recycled water supply is considered drought-proof. The SVRP treatment plant operated by the MRWPCA has reliably produced recycled water meeting the requirements of Title 22 for over a decade. Similarly, seawater desalination is considered a reliable source of supply. Reverse osmosis technology is a proven method of desalinating seawater and brackish groundwater.

5.4 Effect on Agricultural and Industrial Users Reliant on the Same Source

There are no agricultural water users within the MCWD service area, nor are there industrial users with privately-owned wells. Agricultural users in the Salinas Valley rely on the same basin-wide supply from the Salinas Valley Groundwater Basin, accounting for 92.9% of the groundwater pumping in 2015. In the local area, 12,000 acres of irrigated agriculture are supplied with recycled water from the Castroville Seawater Intrusion Project. These uses are taken into account in the basin planning of the MCWRA and SVBGSA as part of developing a water balance for the Basin. Additional demands in the Central Marina and Ord Community area are not expected to affect the agricultural users, provided that the District groundwater pumping to meet new demands remains consistent with the MCWRA agreements.

Section 6 - Conclusions

6.1 Sufficiency of Water Supply for the Project

The City of Marina has sufficient existing water supply within the Central Marina service area to achieve the complete build-out of the planned Downtown Vitalization Specific Plan. The available supply is sufficient to meet the existing and projected demands over the 20-year projection during normal, single-dry and multiple-dry water years.

Appendix A: Recycled Water Project Details

In 2004-2005, the District prepared engineering studies for the Regional Urban Water Augmentation Project (RUWAP). This project was intended to develop 2,400 AFY of additional water supply for the Ord Community, to meet projected demands identified in the Fort Ord Base Reuse Plan. The RUWAP has two components, urban use of recycled water and a desalination facility. The final capacity of the two components may be adjusted during final design, but the total amount of new supply will be 2,400 AFY.

In 2012, the Monterey One Water (M1W, formerly the Monterey Regional Water Pollution Control Agency) and the Monterey Peninsula Water Management District began planning the Pure Water Monterey Groundwater Replenishment Project, which includes the advanced treatment of recycled water for indirect potable reuse. On April 8, 2016, MCWD and M1W entered into an agreement which would provide up to 1,427 AFY of advanced treated water for urban landscape irrigation instead of the tertiary treated recycled water planned under the RUWAP. The Pure Water Monterey Project required a pipeline running parallel to MCWD's planned RUWAP pipeline, so the agencies agreed to share a single pipeline, realizing a cost savings to each project.

1. Source of Supply: Tertiary treated wastewater available at the MRWPCA Regional Wastewater Treatment Plant in North Marina. Under the annexation agreement between MCWD and MRWPCA, the District has the right to purchase recycled water, subject to annual and seasonal limits. The Advanced Water Purification Facility (AWPF) was constructed in 2018-2019, with a design capacity of 5.0 mgd. The plant produces advanced-treated recycled water meeting the Title 22 standards for indirect potable reuse (injection into a groundwater aquifer and recovery at other wells).
2. Expected Supply Capability: The Phase 1 project has an initial yield of 4,100 AFY, of which 600 AFY is available to MCWD. The remaining 3,500 AFY is conveyed to an injection wellfield in the Ord Community and stored in the Seaside Groundwater Basin. Future Phases of the project will increase MCWD's yield to 1,427 AFY.
3. Project Facilities:
 - Advanced water purification facility and pump station, located within the M1W plant in North Marina
 - Product water transmission and distribution pipelines within Marina and the Ord Community
 - Recycled water storage tank within the Ord Community

4. Historical Record:

- MCWD operated a recycled water system from 1996 to 1998. Thereafter the Marina Wastewater Treatment Plant was retired and the local sanitary sewer system was connected to the Regional wastewater collection system.
- MCWD prepared engineering studies for the Regional Urban Water Augmentation Project (RUWAP), which included a recycled water component. The District approved the CEQA EIR for the RUWAP in 2005, and amended the findings in 2006 and 2007 as detailed planning progressed.
- In 2004, MCWD published standards for recycled water infrastructure and began requiring the construction of recycled water pipelines in new subdivisions.
- MCWD constructed 3.5 miles of recycled water pipelines within the Ord Community during on-going road construction projects, in cooperation with the Fort Ord Reuse Authority and California State University Monterey Bay.
- MCWD constructed the shared product water transmission main and storage reservoir in 2018. The transmission main connects the AWP in north Marina to the injection wellfield in Seaside.
- M1W constructed the Pure Water Monterey AWP and the injection wellfield in 2018-2019.
- Start-up and testing of the full Pure Water Monterey system is currently occurring (1st quarter 2020).
- MCWD completed design of the recycled water distribution system in 2019, which connects customers to the transmission system. Construction will begin in 2020.
- MCWD obtained a pipeline easement for the recycled water main across the Armstrong Ranch in 2007. MCWD obtained a pipeline easement from the City of Seaside for the recycled water main from Normandy Ave to the water tank site in 2010. The District obtained ownership of the recycled water tank site in 2010 (previously held as an exclusive easement). MCWD finalized the recycled water main easements with the Presidio of Monterey in 2012. MCWD finalized the recycled water main easements with CSUMB in 2018.

5. Written Contracts and Agreements:

- In the annexation agreement between MCWD and MRWPCA, MCWD retained the right to obtain recycled water in an amount not to exceed the volume of wastewater flows originating from the District.
- MCWD entered into an agreement with the Fort Ord Reuse Authority in 2005 to develop the RUWAP water supplies.
- MCWD executed two memoranda of understanding with MRWPCA and MCWRA (one in 2009 and one in 2010) to work cooperatively towards the RUWAP, and to specify quantities, (seasonal) availability, and roles and responsibilities.
- MCWD entered into the Pure Water Delivery and Supply Project Agreement with M1W in 2016 to participate in the Pure Water Monterey Project and receive advanced

treated water instead of tertiary treated and disinfected recycled water for the RUWAP.

- In agreements with developers of new subdivisions for the construction of water infrastructure, the District requires the installation of recycled water pipelines for the irrigation of public and commercial landscapes.
6. Estimated Costs and Financing: The Pure Water Monterey Project overall cost is approximately \$70 million. This includes both the MCWD and M1W Facilities. Both agencies have received State Revolving Fund Loans to cover a majority of the construction costs. The Fort Ord Reuse Authority has budgeted \$37 million for the Regional Urban Water Augmentation Project. A portion of that funding was applied to this project.
 7. Timeframes: The District began constructing recycled water pipelines in conjunction with road construction projects by other jurisdictions (Fort Ord Reuse Authority and CSU Monterey Bay) and private developers beginning in 2004. Construction of the transmission main and water tank was completed in 2018. Construction of the AWP and injection wellfield was completed in 2019, with start-up in 2020. Construction of the distribution laterals to customers will occur in 2020.
 8. Federal, State and Local Permits for Construction:
 - The project is subject to the California Environmental Quality Act (CEQA) and also the National Environmental Policy Act (NEPA) because the SVRP facility is partially funded by the U.S. Department of the Interior, Bureau of Reclamation. The CEQA EIR for the RUWAP Phase 1 Project with supporting NEPA studies has been completed. CEQA actions for a future RUWAP Phase 2 expansion have not been initiated.
 - The CEQA EIR for the Pure Water Monterey Project with supporting NEPA studies has been completed.
 - The project pump stations and pipelines are outside the Coastal Zone and therefore a Coastal Commission Permit is not required.
 - Encroachment permits and easements for pipeline construction have been coordinated with the City of Marina, the City of Seaside, CSU Monterey Bay, Monterey Peninsula Unified School District and the Presidio of Monterey (Ord Military Community).
 - A Monterey County Conditional Use Permit was obtained for the pipeline crossing agricultural land (Armstrong Ranch).
 - M1W has obtained a Water System Permit with the California State Water Resources Control Board, Division of Drinking Water for the advanced treated water system.
 - MCWD has obtained a Recycled Water System Permit with the California State Water Resources Control Board, Division of Drinking Water.

Appendix B: Desalination Project Details

In 2004-2005, the District prepared engineering studies for the Regional Urban Water Augmentation Project (RUWAP). This project was intended to develop 2,400 AFY of additional water supply for the Ord Community, to meet projected demands identified in the Fort Ord Base Reuse Plan. The RUWAP has two components, urban use of recycled water and a desalination facility. The final capacity of the two components may be adjusted during final design, but the total amount of new supply will be 2,400 AFY.

The Desalination Project was originally studied as a stand-alone facility, located at the former Fort Ord Wastewater Treatment Plant. In 2008, the District began working cooperatively with California American Water, which was planning a larger desalination facility to serve their Monterey Service Area (adjacent to the Ord Community). The two agencies jointly planned a Regional Desalination Facility to be located in North Marina adjacent to the MRWPCA Regional Wastewater Treatment Plant. This location facilitated the use of the existing wastewater outfall pipeline for brine disposal from the desalination plant. In 2011, the agreement between MCWD, American Water and Monterey County Water Resources Agency was terminated. MCWD is now pursuing a smaller desalination facility, as sized in the RUWAP EIR, located on the North Marina site.

The following details are provided as required per Water Code §10911.

1. Source of Supply: Seawater-intruded groundwater in the 180-foot aquifer of the Salinas Valley Groundwater Basin, Pressure Sub-Area. Source wells will capture seawater within the aquifer which is currently migrating inland.
2. Expected Supply Capability: 1,500 AFY (average annual yield). Of this total, 1,200 AFY would be for the Ord Community, and 300 AFY would replace the capacity of the District's existing pilot desalination plant, which would then be retired.
3. Project Facilities:
 - Source wells in the intruded portion of the 180-ft aquifer
 - A reverse-osmosis desalination plant located in North Marina,
 - Product water pipeline from the plant to the MCWD service area,
 - Brine disposal pipeline from the plant to the Monterey One Water effluent disposal pipeline (deep ocean outfall)
 - Water storage tanks within the MCWD service area
4. Historical Record:

- MCWD constructed a pilot desalination plant in Marina in 1996.
- MCWD prepared engineering studies for the Regional Urban Water Augmentation Project (RUWAP), which included a seawater desalination component.
- The District approved the CEQA EIR for the RUWAP in 2005, and amended the findings in 2006 and 2007 as detailed planning progressed.
- CAWC prepared engineering studies for the Coastal Water Project (CWP) in 2005-2008, which included a seawater desalination facility, and submitted a CEQA EIR to the California Public Utilities Commission in 2009.
- MCWD and CAWC worked cooperatively to develop a regional desalination facility as an alternative to two separate facilities, as reflected in the CWP EIR.
- The CPUC approved the CWP EIR in 2010.
- The Water Purchase Agreement was terminated by CAWC in September 2011.
- MCWD issued an RFQ for Design-Build Services for the Desalination Project in September 2012, but did not award a contract. The project was placed on hold to focus on the recycled water project

5. Written Contracts and Agreements:

- MCWD entered into an agreement with the Fort Ord Reuse Authority in 2005 to develop the RUWAP water supplies.
- MCWD entered into an option agreement with the Armstrong Family Trust in 1998 to purchase land for a future water facility. The District executed that option in 2010 for the Regional Desalination Facility site.
- MCWD entered into an agreement with MRWPCA in 2009 for shared use of the effluent disposal pipeline.
- MCWD, CAWC and MCWRA entered in the Water Purchase Agreement in 2010. This agreement established project responsibilities between the three agencies. This agreement was terminated by CAWC in September 2011.

6. Estimated Costs and Financing: The Regional Desalination Project is estimated to cost approximately \$80 million. The District will pursue State and Federal grants for portions of the project cost. The Fort Ord Reuse Authority has budgeted \$37 million for the Regional Urban Water Augmentation Project. A portion of that funding will be applied to this project.

7. Timeframe: Preliminary studies are complete. Assuming a traditional design-bid-build delivery model, it would take from 4 to 6 years to complete design, permitting and construction.

8. Federal, State and Local Permits for Construction:

- The project is subject to the California Environmental Quality Act (CEQA) and also the National Environmental Policy Act (NEPA) because the facility may be partially funded by the U.S. Department of the Interior, Bureau of Reclamation. CEQA EIRs

with supporting NEPA studies for the RUWAP Desalination Project and for the Regional Desalination Project have been completed. The RUWAP EIR must be amended to reflect the new MCWD facility location and brine disposal method.

- A Coastal Development Permit from the California Coastal Commission may be required for some project facilities if brackish water source wells are located in the Coastal Zone.
- Encroachment permits for pipelines will be required from Monterey County, City of Marina, and possibly CALTRANS.
- MCWD must amend their Water System Permit with the California Department of Public Health to add the desalination facility as a new source of supply before the system can be placed into operation.
- A Regional Water Quality Control Board discharge permit (NPDES) for the desalination plant will be required.
- A Monterey County Building Permit will be required for the desalination plant
- A permit from the Monterey Bay Unified Air Pollution Control District will be required for the desalination facility
- Monterey County Environmental Health must approve permits for (1) construction of the groundwater wells, and (2) construction of the desalination facility

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Appendix D: Board Resolution Approving the Water Supply Assessment

Marina Coast Water District
Agenda Transmittal

Agenda Item: 10-B

Meeting Date: April 20, 2020

Prepared By: Brian True

Approved By: Keith Van Der Maaten

Reviewed By: Michael Wegley

Agenda Title: Consider Adoption of Resolution 2020-22 to Approve a Water Supply Assessment and Written Verification of Supply for the Marina Municipal Airport Business and Industrial Park / UCMBEST Center

Staff Recommendation: The MCWD Board of Directors consider approving the *Water Supply Assessment and Written Verification of Supply for the Marina Municipal Airport Business and Industrial Park / UCMBEST Center*.

Background: *Strategic Plan, Strategic Element 2.0 Infrastructure – Our objective is 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.*

At the request of the City of Marina and UCMBEST, MCWD prepared a Water Supply Assessment (WSA) and Written Verification of Supply (WVS) for the proposed Marina Municipal Airport Business and Industrial Park / UCMBEST Center (Airport Business Park) project. The project is jointly proposed by the city of Marina and UCMBEST and is intended to be a portion of the Addendum to the 1995 Marina Airport EIR (essentially, the Airport's master plan). The WSA was prepared in accordance with Senate Bills 610 and 221 which modified portions of the California Water Code and Government Code to assure that proposed developments over a certain size are analyzed during the planning process to confirm that reliable water supply is available. The analysis results are provided, in this case, to City of Marina and UCMBEST decision-makers prior to approval of the specified development. The law intends that WSA/WV's will serve as evidentiary basis for approval action by the City. The City will circulate the WSA with the Marina Municipal Airport Business and Industrial Park / UCMBEST Center Specific Plan that will serve as an Addendum to the 1995 Marina Airport EIR.

The Airport Business Park project area is located within lands owned by the City of Marina and UCMBEST. Page 8 of the attached WSA document is Figure 2.1 that shows the boundary of the project area and the surrounding environs. The project area is bounded by Reservation Road to the southwest, Blanco Road to the southeast, Imjin Road to the northwest, and the airport runway roughly creates the northeastern boundary.

The specific plan for the Airport Business Park development is proposed to include the land-use elements listed below. The project area includes no residential element.

- A Business Park within the City-owned portion of the Project focused on aviation related industries;
- Research and development within the MBEST portion of the Project;
- Commercial mixed use within both areas along the major arterial streets;

- Open space along arterial frontages, a 2-acre central park, and 9-acres of open space with native vegetation.

Discussion/Analysis: District staff and its consultant, Schaaf & Wheeler, worked with the City of Marina and UCMBEST officials to develop this WSA. The WSA concludes that the total water demand for the project will be 309.2-acre-feet-per-year (AFY; see Table 2.1 on WSA page 11). That total may be broken into two parts, each of the parts coming entirely from the FORA allocation for potable water provided to the two entities with land-use-jurisdiction – namely, the City of Marina and the UCMBEST Center. For the City of Marina portion of the project, 145.2-AFY of total water demand is expected (i.e. sum of expected domestic use and irrigation water demands). For the UCMBEST portion of the Marina Business Park, a total water demand of 164.0-AFY is expected. The City of Marina’s FORA allocation for potable water is 1340.0-AFY while UCMBEST Center’s FORA allocation is 230-AFY.

The UCMBEST Center has enough of their FORA allocation of potable water to serve their entire portion of the project area. The City of Marina previously has allocated 1,117-AFY of their FORA potable supply and consumes another 146.7-AFY of officially unallocated water but which is accounted against FORA’s potable water allocation (based on current and existing uses at the time of the base closure within the Marina portion of the Former Fort Ord). Actual usage within the Marina – Ord Community is significantly lower, because (1) some projects have not yet been completed, and (2) some allocations exceed the actual usage of completed project. A portion of the 1,263.7-AFY of water allocated and used within City of Marina may be converted to non-potable water for irrigation purposes, once the current recycled water distribution system is completed. The difference between the Marina portion of the water demand within the Airport Business Park project (145.2-AFY) and Marina’s remaining available allocate-able potable water supply (1,340-AFY – 1263.7-AFY = 76.3-AFY) is a shortfall of 68.9-AFY (see Table 5.2 on WSA page 23) – this is the quantity of water that the City of Marina will need to “make-up” as described below.

Based on the above, the WSA concludes:

The University of California has sufficient existing water supply within the Ord Community service area to achieve the complete build-out of the MBEST portion of the planned Airport Specific Plan. The available supply is sufficient to meet the existing and projected demands over the 20-year projection during normal, single-dry and multiple-dry water years

The City of Marina does not currently have sufficient existing water supply within the Ord Community service area to achieve the complete build-out of the City portion of the Airport Specific Plan. If the project is Phased, the initial phase could be authorized up to 76.3 AFY from the existing Salinas groundwater allocation, and up to 18.1 AFY of recycled water supply. Later phases must be deferred until the District is able to develop additional sources of supply for the Ord Community. Alternatively, the City may choose to reallocate water to individual projects within the Airport Specific Plan area on a case-by-case basis, rather than committing currently available supply to this one portion of the Ord Community.

Because this is presented as a single project between the two jurisdictions, the overall conclusion is that there is currently not sufficient existing water supply within the Ord Community service area to achieve the complete build-out of the Airport Specific Plan.

There are several different actions that the City of Marina may take to make-up the difference of 76.3-AFY, thereby improving their ability to build more of the planned Airport Business Park

project. These are reported in the attached draft WSA; however, the list should not be viewed as an exhaustive list of alternatives or opportunities:

- Offset urban irrigation demands within the Marina portion of the Ord Community with recycled water and then apply the existing potable supply towards the Airport Business Park area. The project EIR should clearly describe such a plan and the resulting allocation of potable and recycled water supply.
- The City may determine that certain sub-allocation areas are fully developed, and reallocate the unused portion of existing allocations to a new project. In doing this, the City should use the maximum water use from the last 10 years as the basis of comparison.
- The City may enter into an agreement with another land-use jurisdiction in the Ord Community to allocate currently unused water supply to a portion of this Project.

Environmental Review Compliance: This item is a required portion of the Addendum to the 1995 Marina Airport EIR.

Financial Impact: ___Yes ___X___No Funding Source/Recap: None

Other Considerations: None recommended.

Material Included for Information/Consideration: [Resolution No. 2020-22](#); and, [Water Supply Assessment and Written Verification of Supply for the Marina Municipal Airport Business and Industrial Park / UCMBEST Center](#).

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

Board Action

Motion By _____ Seconded By _____ No Action Taken _____

Ayes _____ Abstained _____

Noes _____ Absent _____

April 20, 2020

Resolution No. 2020-22
Resolution of the Board of Directors
Marina Coast Water District
Approving the Water Supply Assessment and Written Verification of Supply for the
Marina Municipal Airport Business and Industrial Park / UCMBEST Center

RESOLVED by the Board of Directors (“Directors”) of the Marina Coast Water District (“District,” “MCWD”), at a meeting duly called and held on April 20, 2020, via a videoconference pursuant to Gov. Newsom’s Executive Order N-29-20, as follows:

WHEREAS, the City of Marina is the lead agency for preparation of the Addendum to the 1995 Marina Airport EIR, an Addendum requiring a Water Supply Assessment; and,

WHEREAS, the Marina Municipal Airport Business and Industrial Park / UCMBEST Center (“Project”) is jointly sponsored by UCMBEST Center; and,

WHEREAS, the Project is located within the portion of the Former Fort Ord within the City of Marina and is served by MCWD; and,

WHEREAS, the City of Marina and UCMBEST are required to produce a water supply assessment (Water Code section 10910 et. seq.) and written verification of supply (Government Code section 66473.7 (b)(1)) as part of the approval process for the Addendum to the Marina Airport Addendum; and,

WHEREAS, the City of Marina and UCMBEST requested that MCWD, as the public water supplier for the area of development, analyze the available supplies and produce the required assessment and written verification of supply; and,

WHEREAS, the District completed the requested water supply assessment which concluded, pursuant to Section 10910 of the California Water Code, that the District’s water supplies allocated for the City of Marina are currently not sufficient to meet the full water demand of 145.2-acre-feet-per-year associated with the City of Marina’s portion of the proposed Marina Municipal Airport Business and Industrial Park / UCMBEST Center development project in addition to other existing and previously approved development demands expected by MCWD in the Marina Ord Community as described in MCWD’s Urban Water Management Plan during normal, single-dry and multiple dry years within a twenty-year projection; and, pursuant to Section 66473.7 of the California Government Code, the City’s allocated water supplies are currently sufficient only to provide up to 76.3 acre-feet per year of the proposed water demands of the Development, in addition to other planned demands expected by MCWD in the Marina Ord Community Service Area as described in MCWD’s Urban Water Management Plan during normal, single-dry and multiple dry years within a twenty-year projection; and,

WHEREAS, the District completed the requested water supply assessment which concluded, pursuant to Section 10910 of the California Water Code, that the District’s water supplies allocated for the UCMBEST Center are currently sufficient to meet the full water demand of 164.0-acre-feet-per-year associated with the UCMBES portion of the proposed Marina Municipal Airport Business and Industrial Park / UCMBEST Center development project in addition to other existing

and previously approved development demands expected by MCWD in the UCMBEST Ord Community as described in MCWD’s Urban Water Management Plan during normal, single-dry and multiple dry years within a twenty-year projection; and,

WHEREAS, the District has planned the Regional Urban Water Augmentation Project to develop additional water supply for the Ord Community, and has certified a CEQA Environmental Impact Report for the Project; and,

WHEREAS, the District is currently constructing the recycled water portion of the Regional Urban Water Augmentation Project to deliver non-potable water, a portion of which may be used by the City of Marina and UCMBEST to the Marina Municipal Airport Business and Industrial Park / UCMBEST Center development project; and,

WHEREAS, the Water Supply Assessment is confirmation of the availability of a reliable water supply for an initial phase of the project, based on the “Agreement between the United States of America and Monterey County Water Resources Agency Concerning Annexation of Fort Ord into Zones 2 and 2A of the Monterey County Water Resources Agency” dated September 21, 1993.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the Marina Coast Water District does hereby approve the Water Supply Assessment and Written Verification of Supply for the proposed Marina Municipal Airport Business and Industrial Park / UCMBEST Center.

PASSED AND ADOPTED on April 20, 2020, 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 _____

Thomas P. Moore, President

ATTEST:

Keith Van Der Maaten, 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. 2020-22 adopted April 20, 2020.

Keith Van Der Maaten, Secretary

DRAFT

**WATER SUPPLY ASSESSMENT AND WRITTEN
VERIFICATION OF SUPPLY**

FOR THE

**MARINA MUNICIPAL AIRPORT BUSINESS AND
INDUSTRIAL PARK/UC MBEST CENTER**

SPECIFIC PLAN

Prepared by

MARINA COAST WATER DISTRICT



and

Schaaf & Wheeler
CONSULTING CIVIL ENGINEERS

April 2020

**WATER SUPPLY ASSESSMENT AND WRITTEN
VERIFICATION OF SUPPLY**

FOR THE

**MARINA MUNICIPAL AIRPORT BUSINESS AND
INDUSTRIAL PARK/UC MBEST CENTER**

Prepared by

MARINA COAST WATER DISTRICT



Board of Directors
Thomas P. Moore, President
Jan Shriner, Vice-President
Herbert Cortez
Peter Le
Matt Zefferman

and

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April 2020

Draft
For Review Only

Andrew A. Sterbenz, P.E.
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Date: 04/08/2020

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Table i. Acronyms Used in this Report

Acronym	Description
afy, ac-ft/yr	Acre-feet/year
ccf, hcf	Hundred cubic feet
gpd	Gallons per day
gpcd	Gallons per capita day, or gallons per person per day
mgd	Million gallons per day
sq-ft	Square feet
BMP	Best management practice
CAW, CalAm	California American Water Company
CCR	California Code of Regulations
CEQA	California Environmental Quality Act
CSUMB	California State University – Monterey Bay
CWC	California Water Code
DDW	SWRCB Division of Drinking Water
DMM	Demand management measure
DWR	California Department of Water Resources
FORA	Fort Ord Reuse Authority
LAFCO	Local Agency Formation Commission
M1W	Monterey One Water (formerly MRWPCA)
MCWD, District	Marina Coast Water District
MCWRA	Monterey County Water Resources Agency
MPWMD	Monterey Peninsula Water Management District
OMC	Ord Military Community
POM	Presidio of Monterey
PWM	Pure Water Monterey Project
SB	California Senate Bill
SRDP	Salinas River Diversion Project
SVBGSA	Salinas Valley Basin Groundwater Sustainability Agency
SVWP	Salinas Valley Water Project
SVGB	Salinas Valley Groundwater Basin
SWRCB	State Water Resources Control Board
UC MBEST	University of California Monterey Bay Education, Science and Technology Center
UWMP	Urban Water Management Plan
WSA	Water Supply Assessment
WVS	Written Verification of Supply

Table ii. Units of Measure Used in this Report

Unit	Equals
1 acre-foot	= 43,560 cubic feet = 325,851 gallons
1 cubic foot	= 7.48 gallons
1 CCF	= 100 cubic feet = 748 gallons
1 MGD	= 1,000,000 gallons/day = 1,120 acre-feet / year

Summary of Water Supply Assessment

Project: Marina Municipal Airport Business and Industrial Park/UC MBEST Center Specific Plan, Marina, California

This Specific Plan was developed jointly by the City of Marina and the University of California. The University of California portion of the project requires both a water supply assessment and written verification of supply because they intend to record a tentative subdivision map. Pursuant to Section 10910 of the California Water Code (CWC), and based on the analysis detailed in this report and the representations by the Project's proponents, the Marina Coast Water District (the District) has determined that its currently projected water supplies are sufficient to meet the projected annual water demands of existing and previously approved uses and the University portion of the Marina Municipal Airport Business and Industrial Park / University of California MBEST Center Specific Plan (Airport Specific Plan) during normal, single-dry, and multiple-dry years. The projected water demand for the Airport Specific Plan area is 309.2 AFY, of which 145.2 AFY is within the City of Marina and 164.0 AFY is within the University of California. Both the City of Marina and the University of California have allocations of Salinas Valley Groundwater for use within the Ord Community. The University of California has an existing allocation of 230 AFY and is currently using 2 AFY, leaving 228 AFY available for this project.

The City of Marina does not intend to record a tentative map for their portion of the project, so only a Water Supply Assessment is required for that portion. The City of Marina has an existing allocation of 1,340 AFY and has previously sub-allocated 1,263.7 AFY to other projects, leaving 76.3 AFY available. Therefore, the currently projected water supplies are not sufficient to meet the projected annual water demands of existing and previously approved uses within the City portion of the Ord Community and the full implementation of the City portion of the Project during normal, single-dry, and multiple-dry years. The District can supply water to initial phases of the project, up to the amount sub-allocated by the City.

Both jurisdictions have additional redevelopment areas within the Ord Community outside of the Airport Specific Plan area, which should be considered before sub-allocating supply to this project. The District has two planned water supply projects it intends to implement in the next decade, the Recycled Water Project and the Desalination Project. These two projects are intended to develop 2,400 AFY of new supply for the Ord Community. The initial phase of the Recycled Water Project is currently coming on-line, and water will be available to customers by 2021. The City and University may choose to sub-allocate recycled water supply for the non-potable uses within the Airport Specific Plan. As additional portions of the water supply projects are completed, additional phases of the development may be approved.

Section 1 - Introduction

1.1 Project Overview

The City of Marina in Monterey County, California, is preparing the Marina Municipal Airport Business and Industrial Park/University of California Monterey Bay Education, Science and Technology (UC MBEST) Center Specific Plan (Airport Specific Plan). The Airport Specific Plan is a collaborative effort between the City of Marina and University of California for the future development of a 150-acre portion of the Marina Municipal Airport. Water supply for the City is provided by the Marina Coast Water District. Further description of the Project is given in Section 2.0.

1.2 Purpose of Water Supply Assessment

The California Water Code (§10910 et. seq.), based on Senate Bill 610 of 2001 (SB 610), requires a project proponent to assess the reliability of a project's water supply as part of the California Environmental Quality Act (CEQA) process. Under the California Government Code (§66473.7), based on Senate Bill 221 of 2001, proposed subdivisions adding 500 dwelling units or requiring the approval of a tentative map are also required to receive written verification of the available water supply from the project's water supplier. This project does not include residential dwelling units but does result in a tentative map for the UC MBEST portion, so both a water supply assessment and a written verification of supply are required.

This report is meant to serve as the Water Supply Assessment (WSA) and Written Verification of Supply (WVS) for the Project to meet the California Water and Government Code requirements. This WSA documents the District's existing and future water supplies for the Project area and compares them to the District's total projected water demands for the next twenty (20) years.

The SB 610 process requires the following several steps to identify the need and scope of a project's WSA:

1. Determine whether the project is subject to CEQA.
2. Determine whether the project meets the definition of a "project" per SB 610.
3. Determine the public water agency that will serve the project.
4. Determine whether any current Urban Water Management Plan considers the projected water demand for the project area.
5. Determine whether groundwater is used by the public water agency to serve the project area.

1.3 Project Subject to CEQA

CEQA applies to projects for which a public agency is directly responsible, funds, and/or requires the issuance of a permit. The City of Marina determined that the Project is subject to the requirements of CEQA. An Addendum to the Marina Airport Environmental Impact Report¹ (EIR) is currently being prepared, and this water supply analysis shall become a part of that EIR Addendum.

1.4 Project Requiring a Water Supply Assessment

CWC §10912(a) defines a Project for WSA purposes as including any of the following²:

- a proposed residential development of more than 500 dwelling units;
- a proposed shopping center or business establishment employing more than 1,000 persons or having more than 500,000 square feet of floor space;
- a mixed-use project that includes one or more of the projects identified in this list;
- a proposed industrial park employing more than 1,000 persons, occupying more than 40 acres, or having more than 650,000 square feet of floor space;
- a project that would demand an amount of water equivalent to, or greater than, the amount of water required by a 500 dwelling unit project.

The Airport Specific Plan proposes the addition of up to 1,619,000 square feet of commercial, office and light industrial space, so a water supply assessment is required.

1.5 Requirements of a Written Verification of Supply

Government Code §66473.7(b)(1) requires:

The legislative body of a city or county or the advisory agency, to the extent that it is authorized by local ordinance to approve, conditionally approve, or disapprove the tentative map, shall include as a condition in any tentative map that includes a subdivision a requirement that a sufficient water supply shall be available. Proof of the availability of a sufficient water supply shall be requested by the subdivision applicant or local agency, at the discretion of the local agency, and shall be based on written verification from the applicable public water system within 90 days of a request.

The public water system must determine if there is sufficient water supply for the subdivision, as defined in Government Code §66473.7(a)(2): *“Sufficient water supply” means the total water supplies available during normal, single-dry, and multiple dry years within a 20- year projection*

¹ Marina Airport Permits/Plans and UC STEP Center EIR, February 1995

² There are additional uses that may qualify as a “project” under the CWC, but included here are the applicable categories.

that will meet the projected demand associated with the proposed subdivision, in addition to existing and planned future uses, including, but not limited to, agricultural and industrial uses.

The University of California is preparing a tentative map for the subdivision of their portion of the Airport Specific Plan, so a Written Verification of Supply is required.

1.6 Public Water Agency Serving the Project

The Marina Coast Water District, a county water district, serves the City of Marina and the former Fort Ord, which includes portions of the City of Marina, City of Seaside, City of Del Rey Oaks, City of Monterey and unincorporated Monterey County. The District has two service areas, Central Marina (outside the former Fort Ord) and the Ord Community. The Project is located in the Ord Community Service Area (see Figure 1.1). MCWD provides water and wastewater service to the Ord Community as outlined in the Water/ Wastewater Facilities Agreement between the Fort Ord Reuse Authority (FORA) and MCWD (1998) and as further described in the Assignment of Easements on Former Fort Ord and Ord Military Community, County of Monterey, and Quitclaim Deed for Water and Wastewater Systems, between FORA and MCWD, dated October 24, 2001. MCWD recently completed the Local Agency Formation Commission of Monterey County (LAFCO) annexation of the served portions of the Ord Community into the District's service area and sphere of influence (see Figure 1.2). A portion of the specific plan area was included in the annexation area, and a portion remains to be annexed.

Figure 1.1: Marina Coast Water District Service Areas

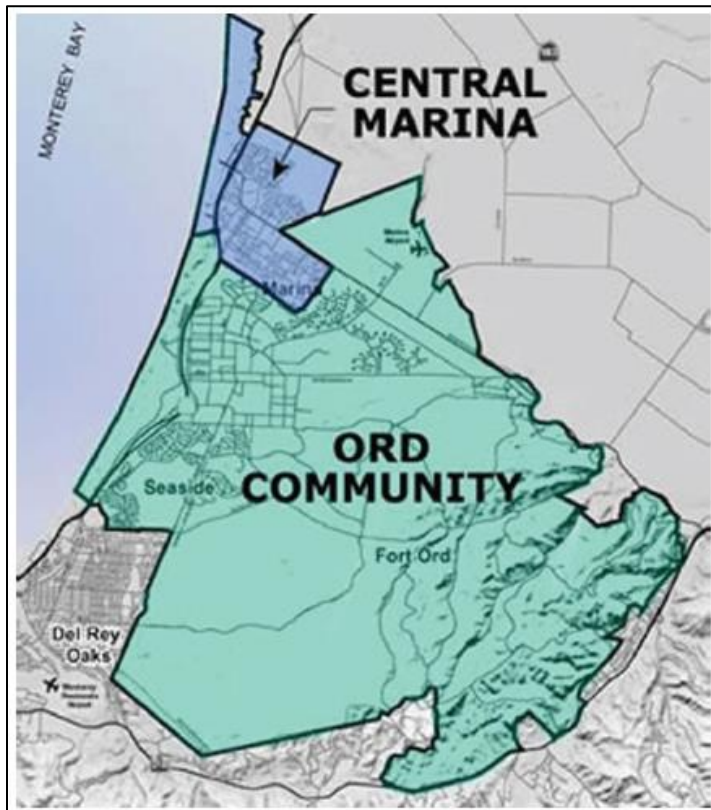
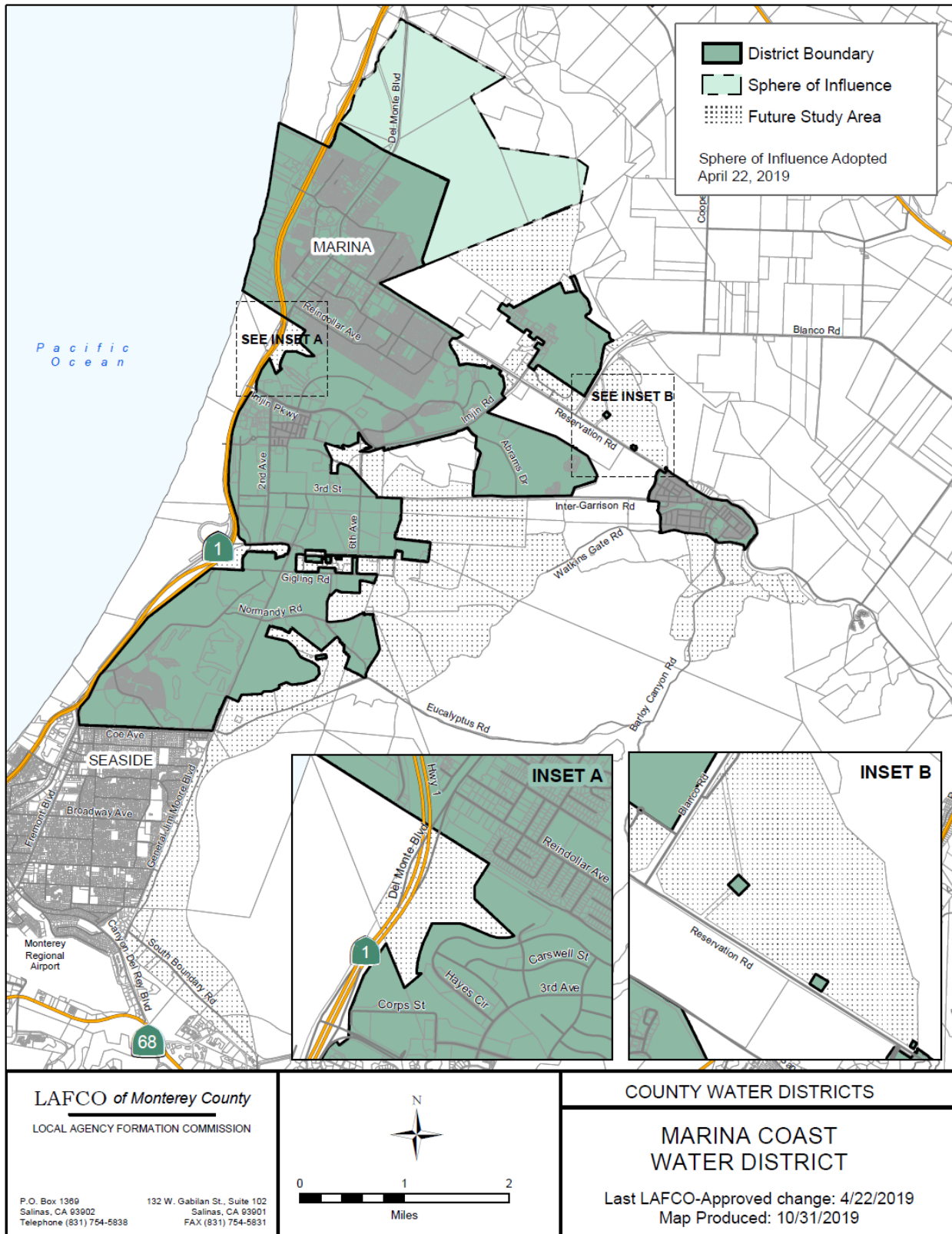


Figure 1.2: Marina Coast Water District LAFCO Service Boundary



1.7 Relationship of WSA to MCWD Urban Water Management Plan

The California Urban Water Management Planning Act (§10610 et. seq. of the CWC) requires urban water suppliers providing over 3,000 acre-feet per year (AFY) of water or having a minimum of 3,000 service connections to prepare plans (urban water management plans or UWMPs) on a five-year, ongoing basis. An UWMP must demonstrate the continued ability of the provider to serve customers with water supplies that meet current and future expected demands under normal, single dry, and multiple dry year scenarios. These plans must also include the assessment of urban water conservation measures and wastewater recycling. Pursuant to Section 10632 of the CWC, the plans must also include a water shortage contingency plan outlining how the water provider will manage water shortages, including shortages of up to fifty percent (50%) of their normal supplies, and catastrophic interruptions of water supply. The Marina Coast Water District is required to prepare Urban Water Management Plans. The District's most recent Urban Water Management Plan (2015 UWMP) was adopted in June 2016. The 2015 UWMP projected demands for 20 years through the year 2035.

As provided for in the State law, this WSA incorporates by reference and relies upon many of the planning assumptions and projections of the 2015 UWMP in assessing the water demands of the proposed Project relative to the overall increase in water demands expected within the entire District service area. The 2015 UWMP projected a significant increase in water demand within the Ord Community due to the planned redevelopment of the former Fort Ord, as documented in the Fort Ord Base Reuse Plan, the General Plans of the various land use jurisdictions, and the approved specific plans within the Ord Community. The 2015 UWMP found that the projected Ord Community water demand of 8,293 AFY in year 2035 exceeded the currently available supply of 6,600 AFY. Additionally, because the current water supply within the Ord Community has been allocated among the land use jurisdictions, some jurisdictions maintain a projected surplus, while others have projected shortages. Updated demand projections for the City of Marina and UC portions of the Ord Community are discussed in Section 3 of this report. The District is pursuing two water supply projects to address the projected shortfall. First, an urban recycled water system is being constructed, which will provide an initial 600 AFY for landscape irrigation, and ultimately provide up to 1,427 AFY of non-potable supply. Second, a seawater desalination project is proposed to provide up to 1,500 AFY of potable water supply. The District is currently considering alternative groundwater replenishment projects which, if feasible, may replace the desalination portion of the RUWAP.

Section 2 - Project Description and Water Demands

2.1 Project Description

The Airport Specific Plan for the City of Marina, California describes the planned development of the 150-acre Project Area, located along the southeast edge of the existing airport. The project location is shown in Figure 2.1, and the land use plan is shown in Figure 2.2. The airport is located within the District's Ord Community service area, with frontages along Blanco Road and Reservation Road. Three interior streets were constructed within the Specific Plan Area in 1999, University Drive, Research Drive and MBEST Drive, but only one building has been constructed to date (the MBEST Center at the corner of Imjin Parkway and Research Drive).

The Airport Specific Plan covers 77.5 acres of City of Marina land, currently zoned as Airport Business Park, and 72.5 acres of University of California Land, designated as the Central North Campus of the Monterey Bay Engineering, Science and Technology Center. The Project includes:

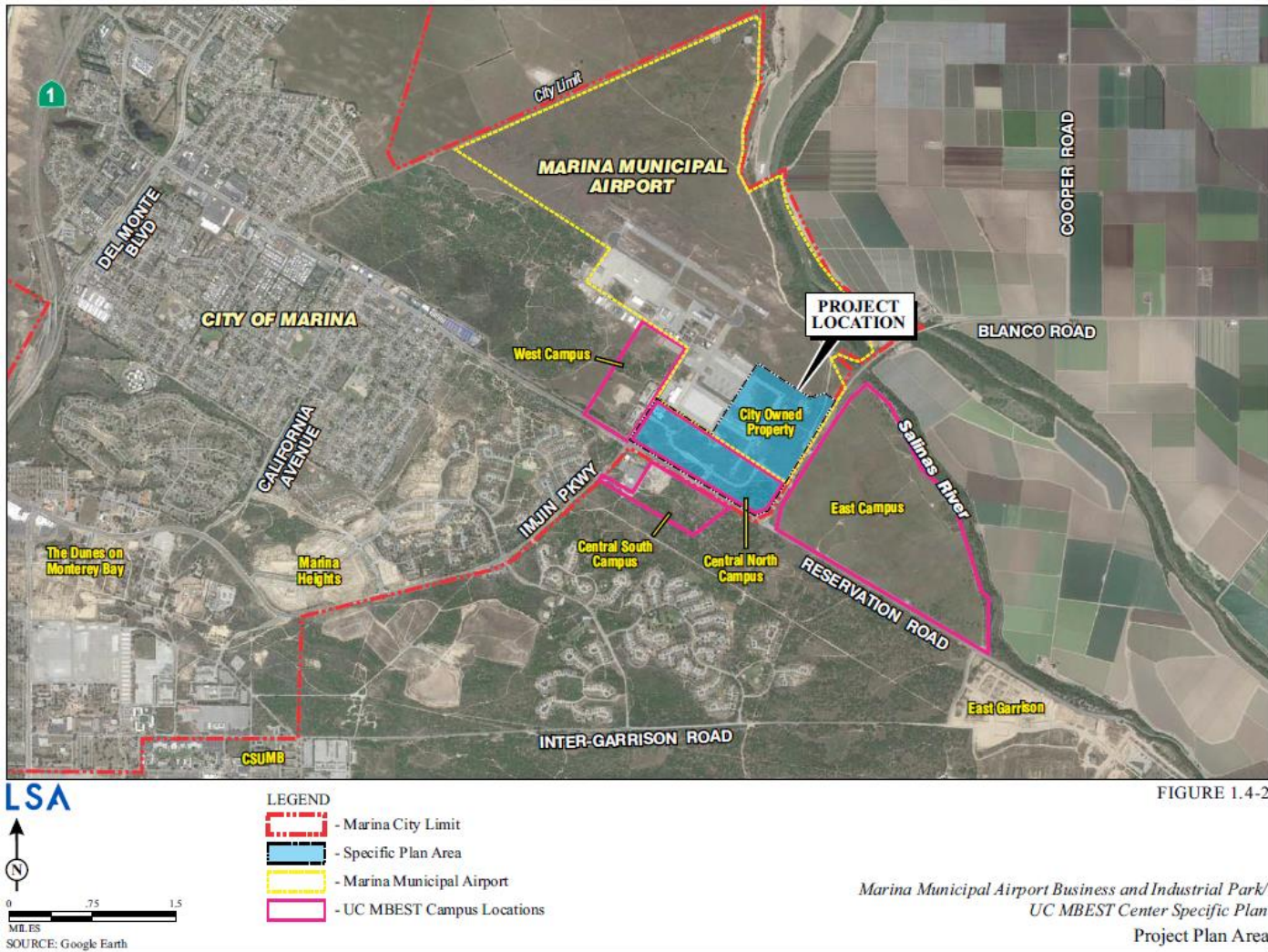
- A Business Park within the City-owned portion of the Project focused on aviation related industries;
- Research and development within the MBEST portion of the Project;
- Commercial mixed use within both areas along the major arterial streets;
- Open space along arterial frontages.

The project area includes no residential use, but visitor serving hotels are allowed in the commercial areas.

2.2 Proposed Land Uses and Water Demands

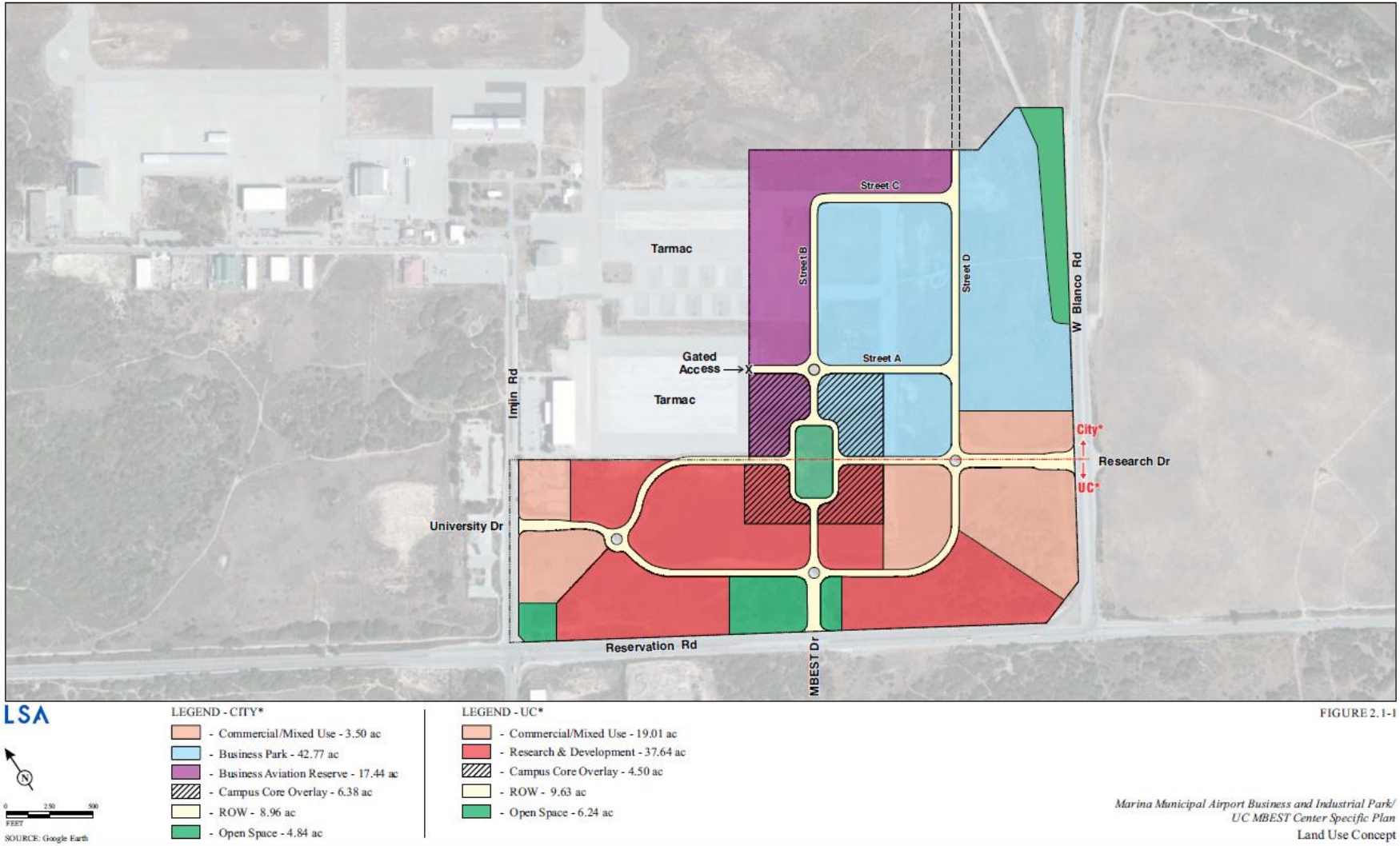
Proposed land uses are described below. A portion of the Project is designated as the Campus Core Overlay Area, which is intended to have a more urban look than the surrounding areas. This will result in higher density development within the Overlay areas. The projected water demand for the project is presented in Table 2-1.

Figure 2.1: Project Location³



³ Source: Marina Municipal Airport Business and Industrial Park/ UC MBEST Center Specific Plan, Figure 1.4-2

Figure 2.2: Specific Plan Area⁴



⁴ Source: Marina Municipal Airport Business and Industrial Park/ UC MBEST Center Specific Plan, Figure 2.1-1

2.2.1 Research and Development

Approximately 38 acres within the UC portion of the Project is designated as Research and Development use. This may be a mix of office, light industrial and manufacturing uses. Within this area, 33.1 acres are outside the Campus Core Overlay and will have a floorspace to area ratio (FAR) of 0.3, and 4.5 acres is within the Campus Core Overlay and will have a FAR of 0.4. Total building area is approximately 512,000 square-feet (SF). Water demand is estimated using the demand factor for Office/R&D from the 2015 UWMP, which was 0.000135 AFY/SF. Landscaping is assumed to cover 10% of the project area, with a non-turf demand factor of 2.1 AFY/AC.

2.2.2 Business Park

Approximately 43 acres within the City of Marina portion of the project is designated as Business Park. Allowed uses include office space, light industrial, manufacturing and business support services. Within this area, 39.6 acres are outside the Campus Core Overlay and will have a FAR of 0.3, and 3.2 acres are within the Campus Core Overlay and will have a FAR of 0.4. Total building area is approximately 573,000 SF. Water demand is estimated using the demand factor for Office/R&D from the 2015 UWMP, which was 0.000135 AFY/SF. Landscaping is assumed to cover 10% of the project area, with a non-turf demand factor of 2.1 AFY/AC.

2.2.3 Business Aviation Reserve

Approximately 17.5 acres within the City of Marina portion of the project is designated as Business Aviation Reserve. Business Aviation is tarmac frontage that directly supports the airport (aircraft servicing as well as concessions typical of airports). Within this area, 14.5 acres are outside the Campus Core Overlay and will have a floorspace to area ratio (FAR) of 0.3, and 2.9 acres are within the Campus Core Overlay and will have a FAR of 0.4. Total building area is approximately 241,000 SF. Water demand is estimated using the demand factor for Light Industrial from the 2015 UWMP, which was 0.00015 AFY/SF. Landscaping is assumed to cover 10% of the project area, with a non-turf demand factor of 2.1 AFY/AC.

2.2.4 Commercial / Mixed Use

Approximately 22.5 acres are designated as Commercial / Mixed Use (3.5 acres in the City and 19 acres on UC land). One 2.3-acre site within the UC portion has already been developed (approximately 25,500 SF of office space). Commercial Mixed Use may be general office, retail, dining, hotel or other visitor and business serving uses. All of this area is outside the Campus Core Overlay, so the FAR is 0.3. Total building area is approximately 294,000 SF. Water demand is estimated using the demand factor for Office/Commercial use from the 2015 UWMP, which was 0.0003 AFY/SF. Landscaping is assumed to cover 10% of the project area, with a non-turf demand factor of 2.1 AFY/AC.

2.2.5 Streetscape and Common Area Landscaping

Landscaped parkways are included along the proposed streets, and a two-acre central park is included in the site plan. Non-turf type landscaping is assumed for these areas, with a demand factor of 2.1 AFY/AC.

Landscaping for street medians, parks and commercial sites may be irrigated with recycled water. MCWD will begin delivering recycled water for urban irrigation in 2020. For this analysis, recycled water use for landscape irrigation is assumed for all sites. Indoor use for toilet flushing or manufacturing is also allowed under the plumbing code but is not included in this projection.

2.2.6 Open Space

Approximately 9 acres within the Project area will be left as open space with native vegetation. No irrigation will be installed in these areas.

2.2.7 Project Total Water Demands

The total water demand projected for the project is 309.2 AFY, as shown in Table 2-1, below. 270.7 AFY is potable demand, and 38.5 AFY is non-potable demand for landscape irrigation. The City of Marina demand total is 145.2 AFY, and the UC total is 164.0 AFY.

Table 2-1: Summary of Estimated Water Demand

Land Use	Lot Area (AC)	FAR	Maximum Floor Area (SF)	Landscape Area (AC)	Site Classification	Building Demand Factor (AFY/SF)	Landscape Factor (AFY/AC)	Potable Water Demand (AFY)	Nonpotable Water Demand (AFY)
City Property									
Commercial/Mixed Use	3.50	0.30	45,738	0.35	Office/Commercial	0.0003	2.1	13.7	0.7
Business Aviation Reserve	14.53	0.30	189,878	1.45	Light Industrial	0.00015	2.1	28.5	3.1
Business Aviation Reserve /Overlay	2.91	0.40	50,704	0.29	Light Industrial	0.00015	2.1	7.6	0.6
Business Park	39.57	0.30	517,101	3.96	Office/Research & Development	0.000135	2.1	69.8	8.3
Business Park /Overlay	3.20	0.40	55,757	0.32	Office/Research & Development	0.000135	2.1	7.5	0.7
Roadway Landscape	8.96		N/A	1.24	Non-Turf Landscape	N/A	2.1	0.0	2.6
Central Park	1.00		N/A	1.00	Non-Turf Landscape	N/A	2.1	0.0	2.1
Natural Open Space	3.84		N/A	0.00	N/A	N/A	N/A	0.0	0.0
Subtotal:	77.51		859,177					127.1	18.1
UC Property									
Research & Development	33.14	0.30	433,074	3.31	Office/Research & Development	0.000135	2.1	58.5	7.0
Research & Development /Overlay	4.50	0.40	78,408	0.45	Office/Research & Development	0.000135	2.1	10.6	0.9
Commercial/Mixed Use (Note 1)	19.01	0.30	248,423	1.90	Office/Commercial	0.0003	2.1	74.5	4.0
Roadway Landscape	9.63		N/A	3.05	Non-Turf Landscape	N/A	2.1	0.0	6.4
Central Park	1.00		N/A	1.00	Non-Turf Landscape	N/A	2.1	0.0	2.1
Natural Open Space	5.24		N/A	0.00	N/A	N/A	N/A	0.0	0.0
Subtotal:	72.52		759,904					143.6	20.4
Totals:	150.03		1,619,082					270.7	38.5

Note 1: Approximately 2.25 acres of this area is already developed. Existing water use is under 2 AFY.

The City of Marina Municipal Code allows for increasing the FAR to 0.5 on a project by project basis, with approval of the Planning Commission and City Council. Although it is unlikely that the City would approve such increases for the entire project area, the calculated maximum water

demand within the City portion of the project is presented in Table 2-2. For the purposes of this WSA, the values from Table 2-1 are used for the supply availability analysis.

Table 2-2: Maximum Water Demand within the City of Marina Portion

Land Use	Lot Area (AC)	FAR	Maximum Floor Area (SF)	Landscape Area (AC)	Site Classification	Building Demand Factor (AFY/SF)	Landscape Factor (AFY/AC)	Potable Water Demand (AFY)	Nonpotable Water Demand (AFY)
City Property									
Commercial/Mixed Use	3.50	0.50	76,230	0.35	Office/Commercial	0.0003	2.1	22.9	0.7
Business Aviation Reserve	14.53	0.50	316,463	1.45	Light Industrial	0.00015	2.1	47.5	3.1
Business Aviation Reserve /Overlay	2.91	0.40	50,704	0.29	Light Industrial	0.00015	2.1	7.6	0.6
Business Park	39.57	0.50	861,835	3.96	Office/Research & Development	0.000135	2.1	116.3	8.3
Business Park /Overlay	3.20	0.40	55,757	0.32	Office/Research & Development	0.000135	2.1	7.5	0.7
Roadway Landscape	8.96		N/A	1.24	Non-Turf Landscape	N/A	2.1	0.0	2.6
Central Park	1.00		N/A	1.00	Non-Turf Landscape	N/A	2.1	0.0	2.1
Natural Open Space	3.84		N/A	0.00	N/A	N/A	N/A	0.0	0.0
Subtotal:	77.51							201.8	18.1

Section 3 - District Water Demands

3.1 Historic and Current Water Demands

Table 3-1 shows the District’s water production over the period 2010-2019. The District’s average production over that period was 3,690 AFY, with 1,582 AFY in the Central Marina service area and 2,107 AFY in the Ord Community service area.

Table 3-1: Water Production by Service Area (AF)⁵

Year	Central Marina	Ord Community	Total
2010	1,744	2,389	4,133
2011	1,698	2,348	4,047
2012	1,814	2,360	4,174
2013	1,467	2,964	4,431
2014	1,619	2,407	4,026
2015	1,420	1,808	3,228
2016	1,303	1,722	3,025
2017	1,587	1,651	3,238
2018	1,744	1,661	3,405
2019	1,425	1,764	3,189

The City of Marina is made up of six sub-areas used for planning. Central Marina is divided into the three parties to the 1996 Zone 2/2A Annexation Agreement with MCWRA, which were the City of Marina (outside the former Fort Ord), the Armstrong Ranch and the RMC-Lonestar (now CEMEX) property. Armstrong Ranch is undeveloped land north of the City and east of Highway 1. CEMEX is north of the City and west of Highway 1. Each party to the annexation agreement has a separate allocation of Salinas Valley groundwater, so development and use is tracked by sub-area. Similarly, the former Fort Ord was annexed into MCWRA Zones 2/2A and has an allocation of Salinas Valley Groundwater. The City portion of the Ord Community includes three land use jurisdictions, the City of Marina, the University of California and California State University. Each jurisdiction was allocated a portion of the existing groundwater supply by the Fort Ord Reuse Authority and is tracked as a separate entity.

For this WSA, we only assess the City of Marina and UC portions of the Ord Community. Significant redevelopment is occurring in the City portion of the Ord Community, although at a slower pace than what was projected in the 2015 UWMP.

Water use for UC and Marina in the Ord Community is shown in Figure 3.1. Use declined in 2015 due to mandated water conservation measures imposed during the drought of record (2012-2016) but is steadily increasing in Marina as redevelopment occurs. Approximately 500 housing

⁵ Source: District Operations Staff

units and a new commercial center have been added during the period 2015 to 2019. Table 3-2 breaks out the water use by major subdivisions within Marina’s Ord Community. Use within UC MBEST has been steady, with no added development over the last decade.

Figure 3.1: Ord Community Water Use (Marina and UC only)⁶ (acre-feet)

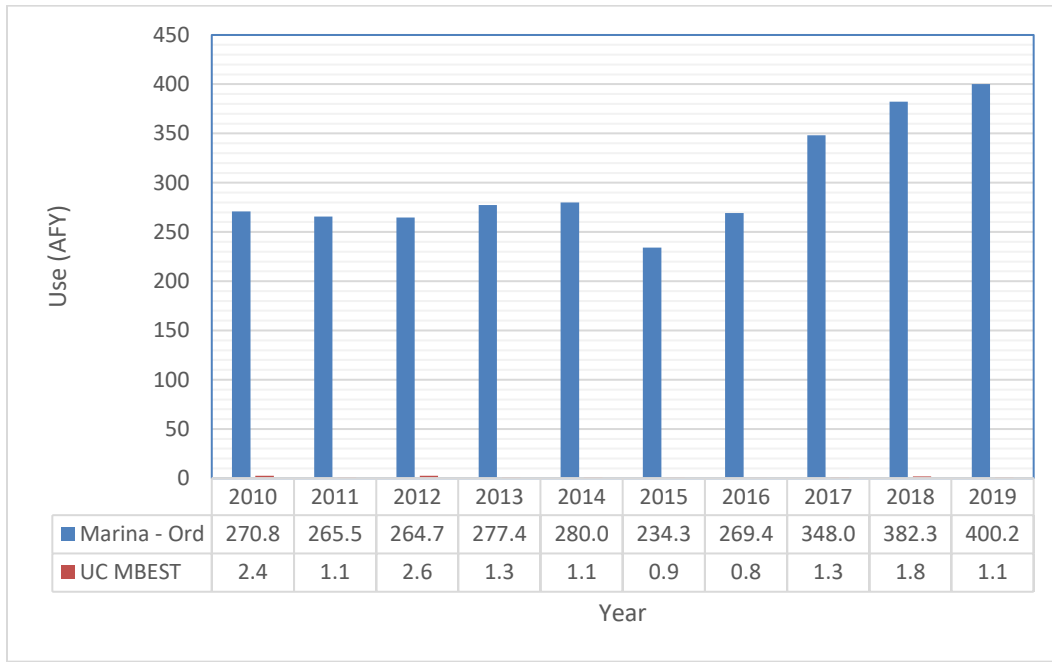


Table 3-2: Water Use by Sub-Area (AF)

Subdivision or Area	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Dunes (Univ. Villages)	45.1	52.1	37.5	38.1	55.9	61.9	68.3	113.0	132.1	129.3
Sea Haven (M. Heights)	8.7	9.4	9.0	13.6	7.5	7.3	10.0	23.4	37.7	61.9
Abrams/Preston Parks	176.4	173.6	187.1	181.7	160.0	113.8	111.0	128.0	138.3	122.8
Airport	9.8	6.9	5.3	4.1	2.8	2.3	2.0	2.8	7.5	3.5
All Other Areas	30.8	23.6	25.9	39.9	53.9	48.9	78.1	81.0	66.7	82.7

3.2 Future Demands

Table 3-3 shows projected water demands for the District through 2035. The projection is based on Table 3.5 of the 2015 UWMP, with updates to the City of Seaside portion of the Ord Community made under a previous WSA⁷. The projected water demand for the Ord Community portion of Marina was 1,704 AFY by 2035, based upon the projected buildout of all specific plan areas. This projection includes some development within the Airport Specific Plan area. The projected demand within UC MBEST is 515 AFY in 2035, based on build-out of the entire campus. Each jurisdiction is discussed further below.

⁶ Source: MCWD Quarterly Water Consumption Reports

⁷ See the WSA/WSV for the Campus Town Specific Plan

Table 3-3: Water Demand Projection by Service Area (AF)⁸

	Jurisdiction	2012*	2015**	2020	2025	2030	2035	Notes	Allocation
Ord	U.S. Army	620	633	663	825	825	825		1,577
	CSUMB	404	404	442	632	755	779		1,035
	Del Rey Oaks	0	0	186	551	551	551		243
	City of Monterey	0	0	0	130	130	130		65
	County of Monterey	8	52	377	539	539	539		720
	UCMBEST	3	3	94	299	515	515	4	230
	City of Seaside	657	657	592	783	1,097	1,560	1, 2	1,012
	State Parks and Rec.	0	0	12	18	20	25		45
	Marina Ord Comm.	264	285	901	1,572	1,702	1,704	3	1,325
	Assumed Line Loss	395	348	348	348	348	348		348
Marina	Armstrong Ranch	0	0	0	680	680	680		920
	Cemex	0	0	0	0	0	500		500
	Marina Central	1,823	1,823	2,184	2,491	2,606	2,725		3,020
Subtotal - Ord		2,351	2,382	3,616	5,698	6,482	6,976		6,600
Subtotal - Marina		1,823	1,823	2,184	3,171	3,286	3,905		4,440
Total		4,174	4,204	5,800	8,868	9,768	10,881		11,040

*Actual demands from calendar year 2012 used to represent a non-drought year.

** Projected demands. Actual use was lower due to mandatory drought restrictions.

1 Includes Seaside Resort Golf Course use in 2012 and 2015 (temporary use).

2. Revised values shown in italics. Removes Monterey Downs project.

3. Revised allocation to reflect groundwater only. Supply from existing pilot desalination plant removed.

4. MBEST commented that they may develop up to 230 AFY as soon as the market allows it.

3.2.1 Demands within Marina – Ord Community

The 2015 UWMP used the actual water use from 2012 as the baseline for the demand projection because mandatory drought reductions were imposed in 2015. The projection then added the estimated demands for infill development in each period. As can be seen in Figure 3.1, actual use declined in 2015, and the pace of infill development was slower than anticipated. Use in 2020 will be about half of what was projected in the UWMP.

The projected demand included 546,400 SF of light industrial development at the Marina Airport over the planning period, with an associated water demand of 82 AFY. The Airport Specific Plan projects 859,200 SF of development at the Airport, with a total water demand of 145.2 AFY (127.1 AFY potable and 18.1 AFY non-potable). Assuming this would occur over the same planning period, it represents a 55% increase in projected water demand for that area.

The Fort Ord Reuse Authority tracks projected development as part of their Capital Improvement Program. The most recent projection for the period 2019 to 2030 shows three main

⁸ Source: Table 3-3 of the WSA/WSV for the Campus Town Specific Plan. Marina-Ord allocation revised per note 3.

redevelopment areas in Marina (Dunes on Monterey Bay, Seahaven and Cypress Knolls) being completed during the forecast period. Two are currently under construction, but Cypress Knolls has not progressed beyond the Specific Plan adopted in 2006. Table 3-4 updates the demand projection for the Marina-Ord area. The Marina-Ord values reflect the revised FORA development projection. Items listed in the 2015 UWMP but not included in the FORA projection are moved to the 2031-2035 time step. The previous projection for the Airport Economic Development Area is removed and replaced with the Airport Specific Plan projection (shown on a separate line). The development within the Airport Specific Plan area is assumed to occur uniformly over 20-years. The projected total demand is lower than in the 2015 UWMP due to removing several double-counted areas within the Dunes on Monterey Bay forecast⁹, as well as permanent water reductions within existing housing areas due to water saving fixtures installed over the past decade.

Table 3-4: Revised Marina-Ord Water Demand Projection

	2020	2025	2030	2035	2040
Marina-Ord	477.1	791.2	1,190.3	1,327.5	1,379.5
Airport SP	0	36.3	72.6	108.9	145.2
Total Marina-Ord	477.1	827.5	1,262.9	1,436.4	1,524.7

3.2.2 Demands within UC MBEST

The 2015 UWMP projected the water demands for UC MBEST to increase to 94 AFY by 2020 and 515 AFY by 2030. No development has occurred during the last five years. The total in 2035 reflected adding 1,656,000 SF of office, R&D and commercial space and 400 hotel rooms across the entire MBEST complex (East, West, North Central and South Central areas, as shown on Figure 2.1, and an 8th Street Campus located along 6th Avenue), plus 550 residential dwelling units in the East Campus. The Airport Specific Plan covers only the North Central Campus area. The Airport Specific Plan projects 760,000 SF of development just within the North Central Campus, with a combined demand of 164.0 AFY (143.6 AFY potable and 20.4 AFY non-potable). This is a higher density of development than previously projected but is within the total projected usage for the UC MBEST campus.

The FORA development projection for the period 2019 to 2030 shows only 1.1 million square feet of development plus 240 residential units within UC MBEST. The projection does not break out the usage by campus area, but it may be assumed that the majority of development will occur in the North Central Campus which has existing streets and utilities. The residential development is slated to occur in the East Campus Area. Table 3-5 updates demand projection for UC MBEST. The period 2020-2030 reflects the existing use plus projected development in the

⁹ The big box retail and CHOMP Wellness Center were existing at the time of the 2015 UWMP, but included in the projected future development as well.

FORA forecast, which is assumed to include the Airport Specific Plan Area. The period 2031-2040 reflects the remaining development from the 2015 UWMP. A portion of the previously projected development moves beyond the 20-year planning horizon, so the 20-year total is lower than the previous 20-year projection.

Table 3-5: Revised UC MBEST Demand Projection

	2020	2025	2030	2035	2040
UC MBEST	2	134.75	267.5	342.5	417.5

3.3 Dry-Year Demands

Section 10631 of the Water Code requires that water demands be estimated for an average water year, a single dry water year and multiple dry water years. As discussed in the District’s 2015 Urban Water Management Plan, the MCWD service area has a cool summer-type Mediterranean climate, with rain occurring in October through May, and advection fog enveloping the coast in the summer in response to inland heating. Due to these cool summer conditions, the area does not experience the significant increases in summer irrigation demands common to areas further inland in the Salinas River Valley. Periods of below normal rainfall do not reduce the coastal fog, resulting in very minor demand fluctuations between average and dry years.

During the drought of 2012-2016, Ord Community water demand increased by 6% in the first dry year (2013) compared with the use in 2012¹⁰. Demands then declined to 83% of the pre-drought use in the second year and 77% in the next two years due to mandatory drought restrictions. The projected demands for the Airport Specific Plan (combined potable and recycled) during normal, single dry years and multiple dry years are provided in Table 3-6, with the maximum demand being 327.8 AFY.

Table 3-6: Dry Year Demand Projections

	Average Year	Single Dry Year	1st Dry Year	2nd Dry Year	3rd Dry Year	4th Dry Year	5th Dry Year
Factor		1.06	1.06	0.83	0.77	0.77	0.77
Projected Demand (AFY)	309.2	327.8	327.8	256.6	238.1	238.1	238.1

MCWD has sufficient supply and well capacity to meet all customer demands during peak (dry year) conditions.

¹⁰ Values based on MCWD Quarterly Water Consumption Reports, adjusted to remove golf course irrigation that was not provided after 2015.

Section 4 - Water Supply

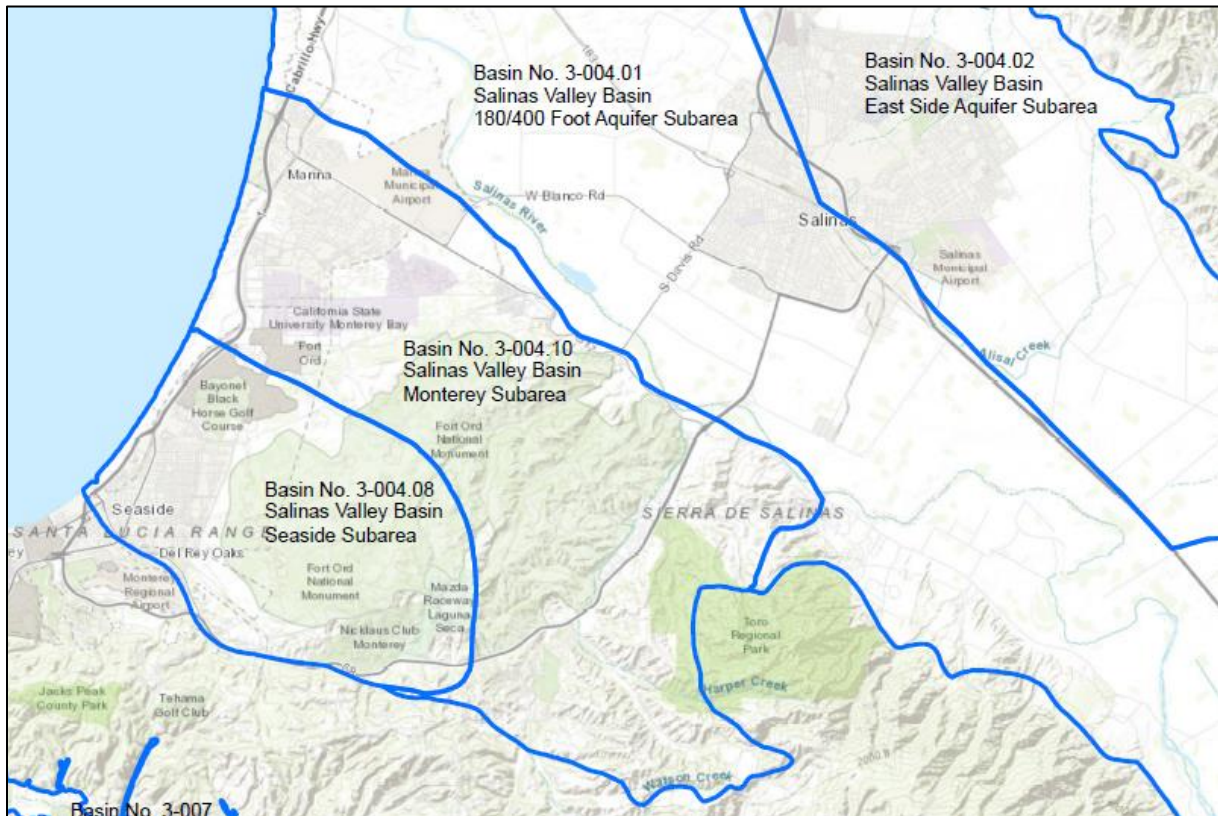
4.1 Current Water Supply

The District's primary source of water supply is the Salinas Valley Groundwater Basin, and it also has a small desalination plant in the Central Marina Service Area. Under the Regional Urban Water Augmentation Project, the District is working to develop recycled water and a larger desalination plant to meet the projected demands of the Ord Community. None of the District's current supply is purchased under wholesale contract.

4.1.1 Groundwater

The District supplies groundwater from the Salinas Valley Groundwater Basin. In 2016, the California Department of Water Resources (DWR) published an Interim Update to Bulletin 118, California's Groundwater. Bulletin 118 defines groundwater basin and sub-basin boundaries used for planning and groundwater management. The update reflects changes submitted to and approved by DWR under the Sustainable Groundwater Management Act. Within northern Monterey County, the changes include redefining the boundaries of the Seaside and Corral De Tierra sub-areas to reflect the defined boundary of the adjudicated Seaside Groundwater Basin, and merge the remaining portion of the Seaside sub-area with the Corral de Tierra sub-area (renamed the Monterey sub-area). The revised boundaries are shown in Figure 4.1.

Figure 4.1: Groundwater Basins



All of the District’s wells are located within the Monterey Sub-Basin of the Salinas Valley Groundwater Basin. MCWD has been designated as an exclusive Groundwater Sustainability Agency (GSA) within its LAFCO service area, and it participates in the Salinas Valley Basin GSA as a member of the Advisory Committee. A portion of the District’s Ord Community service area overlays the Seaside Sub-Basin of the Salinas Valley Groundwater Basin, which is an adjudicated basin managed by the Seaside Water Master Board.

Under the “Agreement between the United States of America and the Monterey County Water Resources Agency concerning Annexation of Fort Ord into Zones 2 and 2A of the Monterey County Water Resources Agency, Agreement No. A-06404”, dated September 21, 1993, the District (successor to the United States) may withdraw up to 6,600 acre-feet per year from the Salinas Valley Groundwater Basin for use in the District’s Ord Community service area. Under the “Annexation Agreement and Groundwater Mitigation Framework for Marina Area Lands” dated March 1996, by and between the MCWRA, the Marina Coast Water District, J.G. Armstrong Family Members, RMC Lonestar, and the City of Marina, the District may withdraw up to 3,020 AFY from the Salinas Valley Groundwater Basin for use in the District’s Central Marina service area. Under that agreement, additional groundwater supply will be made available to the District for use within the Armstrong Ranch and the RMC Lonestar properties north of Marina, if and when the City annexes and develops those areas. The City and the District annexed the Marina Station portion of the Armstrong Ranch in 2007. That subdivision has not yet been constructed.

There are three defined aquifers within the Marina Coast Water District service area, the 180-foot, the 400-foot and the 900-foot or Deep Aquifer. The District operates eight wells, with three in Central Marina and five in the Ord Community. The service areas are interconnected for reliability, with meters at the points of connection to facilitate managing the two well-fields to ensure each service area remains within its authorized withdrawal limit. Table 4-1 summarizes the existing pumping capacity of the District wells. As can be seen, the District has sufficient well capacity to meet the maximum day demands with the largest well out-of-service.

Table 4-1: Existing Pumping Capacity

Location	Well #	Aquifer	Estimated Capacity	
			(AFY)	(GPM)
Marina	10	Deep	2,352	1,458
	11	Deep	3,266	2,025
	12	Deep	3,262	2,022
Ord	29	400 foot	2,420	1,500
	30	400 foot	2,465	1,528
	31	400 foot	3,734	2,315
	34	Deep	4,000	2,480
	35	400 foot	4,023	2,494

4.1.2 Desalinated Water

The District has a desalination plant located near Marina State Beach, which was designed to contribute up to 300 AFY of potable water supply to the Central Marina service area. The plant was constructed in 1997 as a pilot project but is not currently in use. Supply from this facility is not included in this water supply assessment, although the District may elect to reinstate the plant at some point in the future.

4.2 Future Water Supply

The District is working towards developing new sources of water supply to meet projected demand increases due to redevelopment within the Ord Community, as well as taking actions to address groundwater wells impacted by seawater intrusion. The two major water supply projects described below are (i) reclaimed wastewater, and (ii) desalinated water, which make up the Regional Urban Water Augmentation Project. MCWD is investigating alternative sources of potable supply, which may be less costly than desalination.

4.2.1 Recycled Water

Recycled water refers to sanitary sewage which undergoes treatment and disinfection, typically for non-potable uses such as agricultural and landscape irrigation. The Monterey One Water (M1W, formerly Monterey Regional Water Pollution Control Agency) operates a regional wastewater treatment facility in north Marina and produces reclaimed water for agricultural irrigation in the Castroville area. Through prior agreements with the M1W, the District is entitled to receive recycled water from the regional plant, up to the volume of wastewater generated within the District and sent to the plant. In 2007, MCWD began detailed design of the recycled water distribution system, and constructed several portions of the transmission main in conjunction with road improvement projects. In 2012, M1W began planning the Pure Water Monterey Groundwater Replenishment Project, which will develop additional sources of water supply and produce advanced treated water for injection into the Seaside Groundwater Basin for indirect potable reuse. In 2016, MCWD and M1W entered into an agreement allowing MCWD to participate in the Pure Water Monterey Project. MCWD has now completed construction of the transmission main, which will be used to deliver advanced treated water for both groundwater injection and for urban irrigation.

Under the initial phase of the project, MCWD will receive up to 600 AFY of advanced treated water for urban irrigation use. In later phases, the project may be expanded and MCWD's share would increase to 1,427 AFY, which was the amount of non-potable demand in the Ord Community analyzed in the RUWAP EIR.

4.2.2 Desalinated Water

Given readily available saline and brackish waters near the District's service area, desalinated water has been considered as another potential water supply. The Regional Urban Water

Augmentation Project EIR includes a 1,500 AFY desalination facility for the District. The facility was sized to provide 1,200 AFY of new supply to the Ord Community and 300 AFY to Central Marina.

4.2.3 Conservation

The Marina Coast Water District has an active water conservation program. Under the District's water conservation ordinance, all new construction is required to incorporate water saving devices over and above the requirements of the state building code. Additionally, the District has adopted the State's Model Water Efficient Landscape Ordinance. The District requires developers to install water conserving fixtures during construction, landscapes which require high irrigation are discouraged, and a tiered water rate structure discourages water waste. The District offers rebate incentives to replace less efficient water fixtures, for installing smart irrigation controllers, and for replacing lawns and sprinklers.

The State of California has established a goal of reducing per person water use by 20% by the year 2020, compared to the 2008 baseline demands. Toward that end, the California Building Code was updated in 2010, with the goal of reducing indoor water use to 55 gallons per person per day. In the 2010 UWMP, the District identified a year 2020 conservation target of 117 gallons per person per day (system-wide potable average). Within Airport Specific Plan area, it is anticipated that all outdoor irrigation will be met using recycled water, and all indoor plumbing fixtures will meet or exceed the plumbing code efficiency requirements.

4.3 Regulatory Permits Necessary for Supply Delivery

The Marina Coast Water District is a public water system, permitted by the State Water Resources Control Board, Division of Drinking Water, System No. 2710017. The recycled water distribution system is permitted as System No. 2790009. Permits required for the construction and operation of new facilities are obtained on a project-by-project basis.

Section 5 - Supply Sufficiency Analysis

5.1 Comparison of Project Demands to Projected Supply

Within the Ord Community, the 6,600 AFY of existing Salinas Valley groundwater supply has been allocated among the land use jurisdictions by the Fort Ord Reuse Authority (FORA), as shown in Table 5-1, below. The municipal jurisdictions (Cities and Monterey County) formally sub-allocate this supply to developments. Until additional water supplies are developed and allocated within the Ord Community, MCWD will only allow new service connections up to the usage totals allocated by the respective jurisdictions. FORA has also formally allocated the recycled water supply from the Phase 1 Recycled Water Project. Those allocations are included in Table 5-1.

Table 5-1: FORA Allocations in the Ord Community

Land Use Jurisdiction	Existing Groundwater Allocation (AFY)	Future Recycled Allocation (AFY)
City of Del Rey Oaks	243	280
City of Marina (Ord)	1,325	345
City of Monterey	65	0
City of Seaside	1,012	453
County of Monterey	710	134
Marina Sphere (existing use)	10	0
CA State Parks and Rec.	45	0
CSU Monterey Bay	1,035	87
Univ. of California MBEST	230	60
U.S. Army	1,577	0
Assumed Line Loss	348	68
Total – Ord Community	6,600	1,427

5.1.1 Analysis within Marina-Ord

The City of Marina has sub-allocated portion of their existing groundwater allocation, as detailed in Table 5-2. This table reflects several updates from the version included in the 2015 UWMP:

- The FORA allocation is increased from 1,325 AFY to 1,340 AFY. The U.S. Army transferred 15 AFY of supply through FORA to the City in 2018 to support the Veterans Transition Center Housing project.
- The Existing Use amount is decreased from 233.1 AFY to 146.7 AFY. The previous estimate was based upon assumed use in the existing housing areas (Abrams Park and Preston Park) and other facilities which were not metered at the time the base closed. All Marina-Ord customers had meters installed by 2015. The revised total reflects the

maximum usage out of the last five years. A Technical Memorandum is provided at Appendix D detailing this analysis.

Table 5-2: City of Marina Sub-Allocations

Sub-allocations To	Suballocation Amount (AFY)	Resolution No.	Date	Notes:
Existing Use	146.7			Preston Park, Abrams Park, Airport, Veterans Housing, Imjin Office Park, etc.
Marina Heights	292.4	2004-41	3/3/2004	renamed Sea Haven
University Villages	593.0	2005-129	5/31/2005	renamed Dunes on Monterey Bay
Cypress Knolls	156.1	2006-289	11/8/2006	
MPC - 12th St Campus	7.0	2007-xx	2/6/2007	
Rock Rose Gardens	4.9	PC2011-07	6/9/2011	Planning commission, existing demand formalized as allocation
Promontory Apartments	33.3	2013-86	7/2/2013	
Veterans Transition Center	15.0	Agreement	1/5/2018	Army transferred supply for VTC expansion in 2018
Joby Aero	15.3	2020-xx	3/3/2020	May be increased to 26.5 AFY
Marina-Ord Total:	1,263.7			
FORA Allocation:	1,340.0			
Marina-Ord Unallocated:	76.3			

The City’s remaining unallocated groundwater supply is 76.3 AFY. The City has not yet allocated any recycled water to projects. The projected water demand for the City’s portion of the Airport Specific Plan is 145.2 AFY (127.1 AFY potable and 18.1 AFY non-potable). The City does not have sufficient groundwater supply available to fully meet the projected potable demands in the specific plan area but does have sufficient recycled water available to meet the projected non-potable demand.

If recycled water is provided to other developments within Marina-Ord, the City may then reallocate the offset groundwater use to other projects. Projected irrigation demands within the major Marina developments¹¹ are:

- 11.8 AFY for parks and streetscapes in Marina Heights (Seahaven);
- 25.9 AFY for parks and streetscapes in University Villages (Dunes);
- 65 AFY for landscapes on commercial properties in University Villages (Dunes); and
- 45 AFY for parks and streetscapes in Cypress Knolls.

The total projected irrigation demand in these areas is 147.7 AFY. The existing irrigation demand within Marina Heights and University Villages was 67 AFY in 2017, or about 82% of the 80.7 AFY shortfall in groundwater supply for the Airport Specific Plan area. The system in Marina Heights will be connected to the District’s recycled water transmission main within the

¹¹ Values from the project water supply assessments

next year. Additional in-tract pipelines would be required to connect the University Villages demand areas to the recycled water transmission system.

Another option for the City is to develop the Specific Plan area in Phases, and only allocate water to the initial Phase. A logical division would be areas fronting on existing streets and areas requiring the construction of additional streets.

5.1.2 Analysis within UC MBEST

The University of California has an allocation of 230 AFY of existing groundwater supply and 60 AFY of recycled water supply. As shown in the 2015 UWMP, this amount of supply is not sufficient to meet the projected demands of the full campus. However, it is sufficient to meet the demands of the updated development projection over the next 20-years, which includes the Airport Specific Plan Area.

5.2 Plans for Acquiring Additional Water Supplies

Under the provisions of Section 10911 of the California Water Code, if the water supplier concludes that water supplies will be insufficient for the proposed project, the water supplier shall provide its plans for acquiring additional water supplies. The Marina Coast Water District is currently pursuing two water supply projects, the Recycled Water Project and the Desalination Project, which are intended to allow the District to develop 2,400 AFY of new supply to meet the projected Ord Community demand. Detailed descriptions of these projects are provided in Appendices B and C.

5.3 Reliability of Water Supply

The Salinas Valley Groundwater Basin has a large storage volume, and is recharged by the Salinas River, which is augmented by upstream reservoirs managed by MCWRA. Consequently, the aquifer does not experience wide level variations due to climatic conditions. Water levels vary by 20 to 30 feet seasonally and decline an additional 10 to 20 feet during drought periods. The District's demands accounted for less than one percent of the total groundwater pumped from the Salinas groundwater basin in 2018, the latest year reported. Therefore, the District's supply is considered reliable on a quantity basis. The upper aquifers in the Salinas Valley Groundwater Basin (180-foot aquifer and 400-foot aquifer) along the coast are experiencing high salinity due to seawater intrusion. The District's wells in Central Marina are in the Deep Aquifer, which has not experienced signs of seawater intrusion and is considered to have reliable quality. In the Ord Community, the District has one well in the deep aquifer and four wells in the upper aquifers, but outside the area currently affected by seawater intrusion. The District is closely monitoring the quality in these wells.

The planned additional sources of supply are recycled wastewater and seawater desalination. The source of supply for recycled water is wastewater return flows, which originate from indoor water use. Indoor water use is not subject to the same levels of curtailment during drought

periods as outdoor water use, so the source of recycled water supply is considered drought-proof. The SVRP treatment plant operated by the MRWPCA has reliably produced recycled water meeting the requirements of Title 22 for nearly two decades. The new Advanced Water Purification Plant supplying the Pure Water Monterey Project came on-line in 2020. Similarly, seawater desalination is considered a reliable source of supply. Reverse osmosis technology is a proven method of desalinating seawater and brackish groundwater.

5.4 Effect on Agricultural and Industrial Users Reliant on the Same Source

There are no agricultural water users within the MCWD service area, nor are there industrial users with privately-owned wells. Agricultural users in the Salinas Valley rely on the same basin-wide supply from the Salinas Valley Groundwater Basin, accounting for 92.9% of the groundwater pumping in 2015. In the local area, 12,000 acres of irrigated agriculture are supplied with recycled water from the Castroville Seawater Intrusion Project. These uses are taken into account in the basin planning of the MCWRA and SVBGSA as part of developing a water balance for the Basin. Additional demands in the Central Marina and Ord Community area are not expected to affect the agricultural users, provided that the District groundwater pumping to meet new demands remains consistent with the MCWRA agreements.

Section 6 - Conclusions

6.1 Sufficiency of Water Supply for the Project

The University of California has sufficient existing water supply within the Ord Community service area to achieve the complete build-out of the MBEST portion of the planned Airport Specific Plan. The available supply is sufficient to meet the existing and projected demands over the 20-year projection during normal, single-dry and multiple-dry water years.

The City of Marina does not have sufficient existing water supply within the Ord Community service area to achieve the complete build-out of the City portion of the Airport Specific Plan. If the project is Phased, the initial phase could be authorized up to 76.3 AFY from the existing Salinas groundwater allocation, and up to 18.1 AFY of recycled water supply. Later phases must be deferred until the District is able to develop additional sources of supply for the Ord Community. The City may choose to allocate water to individual projects within the Airport Specific Plan area on a case-by-case basis, rather than committing currently available supply to this one portion of the Ord Community¹². It is likely that the buildout would occur by subarea over 20-years or longer, rather than coming as a single development. In so doing, the City's adoption of the specific plan should state that water will be allocated to projects within the Project area as they occur, up to the amount water supply available at the time.

Section 10911(b) of the Water Code states: "The City or County shall include the water assessment provided pursuant to Section 10910, in any environmental document prepared for the Project pursuant to [CEQA]." The City of Marina will need to adopt this WSA as part of the CEQA environmental review for the proposed Project, including the findings described above. The City of Marina may take certain additional actions to guarantee the availability of the water supplies for the Airport Specific Plan:

- The City may offset urban irrigation demands within the Marina portion of the Ord Community with recycled water and then apply the existing potable supply towards the Airport Specific Plan area. To do this, the project EIR should clearly describe that intent and the resulting allocation of potable and recycled water supply. The projected landscape irrigation demand within the previously approved specific plan areas is approximately 148 AFY, and current irrigation use is 67 AFY. These systems are currently fed with potable water, but recycled water will be available within the next year. Providing recycled water for irrigation of these areas would make potable supply available for reallocation to the Airport Specific Plan area.
- The City may determine that certain sub-allocation areas are fully developed, and reallocate the unused portion of existing allocations to a new project. In doing this, the

¹² Allocating supply to the project is only required if a tentative map is being adopted.

City should use the maximum water use from the preceding 5 years as the basis of comparison.

- The City may enter into an agreement with another land-use jurisdiction in the Ord Community to allocate currently unused water supply to a portion of this Project.

Because this is presented as a single project between the two jurisdictions, the overall conclusion is that there is not sufficient existing water supply within the Ord Community service area to achieve the complete build-out of the Airport Specific Plan.

Appendix A: Recycled Water Project Details

In 2004-2005, the District prepared engineering studies for the Regional Urban Water Augmentation Project (RUWAP). This project was intended to develop 2,400 AFY of additional water supply for the Ord Community, to meet projected demands identified in the Fort Ord Base Reuse Plan. The RUWAP has two components, urban use of recycled water and a desalination facility. The final capacity of the two components may be adjusted during final design, but the total amount of new supply will be 2,400 AFY.

In 2012, the Monterey One Water (M1W, formerly the Monterey Regional Water Pollution Control Agency) and the Monterey Peninsula Water Management District began planning the Pure Water Monterey Groundwater Replenishment Project, which includes the advanced treatment of recycled water for indirect potable reuse. On April 8, 2016, MCWD and M1W entered into an agreement which would provide up to 1,427 AFY of advanced treated water for urban landscape irrigation instead of the tertiary treated recycled water planned under the RUWAP. The Pure Water Monterey Project required a pipeline running parallel to MCWD's planned RUWAP pipeline, so the agencies agreed to share a single pipeline, realizing a cost savings to each project.

1. Source of Supply: Tertiary treated wastewater available at the MRWPCA Regional Wastewater Treatment Plant in North Marina. Under the annexation agreement between MCWD and MRWPCA, the District has the right to purchase recycled water, subject to annual and seasonal limits. The Advanced Water Purification Facility (AWPF) was constructed in 2018-2019, with a design capacity of 5.0 mgd. The plant produces advanced-treated recycled water meeting the Title 22 standards for indirect potable reuse (injection into a groundwater aquifer and recovery at other wells).
2. Expected Supply Capability: The Phase 1 project has an initial yield of 4,100 AFY, of which 600 AFY is available to MCWD. The remaining 3,500 AFY is conveyed to an injection wellfield in the Ord Community and stored in the Seaside Groundwater Basin. Future Phases of the project will increase MCWD's yield to 1,427 AFY.
3. Project Facilities:
 - Advanced water purification facility and pump station, located within the M1W plant in North Marina
 - Product water transmission and distribution pipelines within Marina and the Ord Community
 - Recycled water storage tank within the Ord Community

4. Historical Record:

- MCWD operated a recycled water system from 1996 to 1998. Thereafter the Marina Wastewater Treatment Plant was retired and the local sanitary sewer system was connected to the Regional wastewater collection system.
- MCWD prepared engineering studies for the Regional Urban Water Augmentation Project (RUWAP), which included a recycled water component. The District approved the CEQA EIR for the RUWAP in 2005, and amended the findings in 2006 and 2007 as detailed planning progressed.
- In 2004, MCWD published standards for recycled water infrastructure and began requiring the construction of recycled water pipelines in new subdivisions.
- MCWD constructed 3.5 miles of recycled water pipelines within the Ord Community during on-going road construction projects, in cooperation with the Fort Ord Reuse Authority and California State University Monterey Bay.
- MCWD constructed the shared product water transmission main and storage reservoir in 2018. The transmission main connects the AWP in north Marina to the injection wellfield in Seaside.
- M1W constructed the Pure Water Monterey AWP and the injection wellfield in 2018-2019.
- Start-up and testing of the full Pure Water Monterey system is currently occurring (1st quarter 2020).
- MCWD completed design of the recycled water distribution system in 2019, which connects customers to the transmission system. Construction will begin in 2020.
- MCWD obtained a pipeline easement for the recycled water main across the Armstrong Ranch in 2007. MCWD obtained a pipeline easement from the City of Seaside for the recycled water main from Normandy Ave to the water tank site in 2010. The District obtained ownership of the recycled water tank site in 2010 (previously held as an exclusive easement). MCWD finalized the recycled water main easements with the Presidio of Monterey in 2012. MCWD finalized the recycled water main easements with CSUMB in 2018.

5. Written Contracts and Agreements:

- In the annexation agreement between MCWD and MRWPCA, MCWD retained the right to obtain recycled water in an amount not to exceed the volume of wastewater flows originating from the District.
- MCWD entered into an agreement with the Fort Ord Reuse Authority in 2005 to develop the RUWAP water supplies.
- MCWD executed two memoranda of understanding with MRWPCA and MCWRA (one in 2009 and one in 2010) to work cooperatively towards the RUWAP, and to specify quantities, (seasonal) availability, and roles and responsibilities.
- MCWD entered into the Pure Water Delivery and Supply Project Agreement with M1W in 2016 to participate in the Pure Water Monterey Project and receive advanced

treated water instead of tertiary treated and disinfected recycled water for the RUWAP.

- In agreements with developers of new subdivisions for the construction of water infrastructure, the District requires the installation of recycled water pipelines for the irrigation of public and commercial landscapes.
6. Estimated Costs and Financing: The Pure Water Monterey Project overall cost is approximately \$70 million. This includes both the MCWD and M1W Facilities. Both agencies have received State Revolving Fund Loans to cover a majority of the construction costs. The Fort Ord Reuse Authority has budgeted \$37 million for the Regional Urban Water Augmentation Project. A portion of that funding was applied to this project.
 7. Timeframes: The District began constructing recycled water pipelines in conjunction with road construction projects by other jurisdictions (Fort Ord Reuse Authority and CSU Monterey Bay) and private developers beginning in 2004. Construction of the transmission main and water tank was completed in 2018. Construction of the AWP and injection wellfield was completed in 2019, with start-up in 2020. Construction of the distribution laterals to customers will occur in 2020.
 8. Federal, State and Local Permits for Construction:
 - The project is subject to the California Environmental Quality Act (CEQA) and also the National Environmental Policy Act (NEPA) because the SVRP facility is partially funded by the U.S. Department of the Interior, Bureau of Reclamation. The CEQA EIR for the RUWAP Phase 1 Project with supporting NEPA studies has been completed. CEQA actions for a future RUWAP Phase 2 expansion have not been initiated.
 - The CEQA EIR for the Pure Water Monterey Project with supporting NEPA studies has been completed.
 - The project pump stations and pipelines are outside the Coastal Zone and therefore a Coastal Commission Permit is not required.
 - Encroachment permits and easements for pipeline construction have been coordinated with the City of Marina, the City of Seaside, CSU Monterey Bay, Monterey Peninsula Unified School District and the Presidio of Monterey (Ord Military Community).
 - A Monterey County Conditional Use Permit was obtained for the pipeline crossing agricultural land (Armstrong Ranch).
 - M1W has obtained a Water System Permit with the California State Water Resources Control Board, Division of Drinking Water for the advanced treated water system.
 - MCWD has obtained a Recycled Water System Permit with the California State Water Resources Control Board, Division of Drinking Water.

Appendix B: Desalination Project Details

In 2004-2005, the District prepared engineering studies for the Regional Urban Water Augmentation Project (RUWAP). This project was intended to develop 2,400 AFY of additional water supply for the Ord Community, to meet projected demands identified in the Fort Ord Base Reuse Plan. The RUWAP has two components, urban use of recycled water and a desalination facility. The final capacity of the two components may be adjusted during final design, but the total amount of new supply will be 2,400 AFY.

The Desalination Project was originally studied as a stand-alone facility, located at the former Fort Ord Wastewater Treatment Plant. In 2008, the District began working cooperatively with California American Water, which was planning a larger desalination facility to serve their Monterey Service Area (adjacent to the Ord Community). The two agencies jointly planned a Regional Desalination Facility to be located in North Marina adjacent to the MRWPCA Regional Wastewater Treatment Plant. This location facilitated the use of the existing wastewater outfall pipeline for brine disposal from the desalination plant. In 2011, the agreement between MCWD, American Water and Monterey County Water Resources Agency was terminated. MCWD is now pursuing a smaller desalination facility, as sized in the RUWAP EIR, located on the North Marina site.

The following details are provided as required per Water Code §10911.

1. Source of Supply: Seawater-intruded groundwater in the 180-foot aquifer of the Salinas Valley Groundwater Basin, Pressure Sub-Area. Source wells will capture seawater within the aquifer which is currently migrating inland.
2. Expected Supply Capability: 1,500 AFY (average annual yield). Of this total, 1,200 AFY would be for the Ord Community, and 300 AFY would replace the capacity of the District's existing pilot desalination plant, which would then be retired.
3. Project Facilities:
 - Source wells in the intruded portion of the 180-ft aquifer
 - A reverse-osmosis desalination plant located in North Marina,
 - Product water pipeline from the plant to the MCWD service area,
 - Brine disposal pipeline from the plant to the Monterey One Water effluent disposal pipeline (deep ocean outfall)
 - Water storage tanks within the MCWD service area
4. Historical Record:

- MCWD constructed a pilot desalination plant in Marina in 1996.
- MCWD prepared engineering studies for the Regional Urban Water Augmentation Project (RUWAP), which included a seawater desalination component.
- The District approved the CEQA EIR for the RUWAP in 2005, and amended the findings in 2006 and 2007 as detailed planning progressed.
- CAWC prepared engineering studies for the Coastal Water Project (CWP) in 2005-2008, which included a seawater desalination facility, and submitted a CEQA EIR to the California Public Utilities Commission in 2009.
- MCWD and CAWC worked cooperatively to develop a regional desalination facility as an alternative to two separate facilities, as reflected in the CWP EIR.
- The CPUC approved the CWP EIR in 2010.
- The Water Purchase Agreement was terminated by CAWC in September 2011.
- MCWD issued an RFQ for Design-Build Services for the Desalination Project in September 2012, but did not award a contract. The project was placed on hold to focus on the recycled water project

5. Written Contracts and Agreements:

- MCWD entered into an agreement with the Fort Ord Reuse Authority in 2005 to develop the RUWAP water supplies.
- MCWD entered into an option agreement with the Armstrong Family Trust in 1998 to purchase land for a future water facility. The District executed that option in 2010 for the Regional Desalination Facility site.
- MCWD entered into an agreement with MRWPCA in 2009 for shared use of the effluent disposal pipeline.
- MCWD, CAWC and MCWRA entered in the Water Purchase Agreement in 2010. This agreement established project responsibilities between the three agencies. This agreement was terminated by CAWC in September 2011.

6. Estimated Costs and Financing: The Regional Desalination Project is estimated to cost approximately \$80 million. The District will pursue State and Federal grants for portions of the project cost. The Fort Ord Reuse Authority has budgeted \$37 million for the Regional Urban Water Augmentation Project. A portion of that funding will be applied to this project.

7. Timeframe: Preliminary studies are complete. Assuming a traditional design-bid-build delivery model, it would take from 4 to 6 years to complete design, permitting and construction.

8. Federal, State and Local Permits for Construction:

- The project is subject to the California Environmental Quality Act (CEQA) and also the National Environmental Policy Act (NEPA) because the facility may be partially funded by the U.S. Department of the Interior, Bureau of Reclamation. CEQA EIRs

with supporting NEPA studies for the RUWAP Desalination Project and for the Regional Desalination Project have been completed. The RUWAP EIR must be amended to reflect the new MCWD facility location and brine disposal method.

- A Coastal Development Permit from the California Coastal Commission may be required for some project facilities if brackish water source wells are located in the Coastal Zone.
- Encroachment permits for pipelines will be required from Monterey County, City of Marina, and possibly CALTRANS.
- MCWD must amend their Water System Permit with the California Department of Public Health to add the desalination facility as a new source of supply before the system can be placed into operation.
- A Regional Water Quality Control Board discharge permit (NPDES) for the desalination plant will be required.
- A Monterey County Building Permit will be required for the desalination plant
- A permit from the Monterey Bay Unified Air Pollution Control District will be required for the desalination facility
- Monterey County Environmental Health must approve permits for (1) construction of the groundwater wells, and (2) construction of the desalination facility

Appendix C: References

Akel Engineering Group, Final Draft Water Master Plan, September 2019

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California American Water Company:

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Marina Coast Water District:

2015 Urban Water Management Plan, prepared by Schaaf & Wheeler, Consulting Civil Engineers, June 2016.

2018 Consumer Confidence Report for Central Marina and Ord Community, April 2019

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Pure Water Delivery and Supply Project Agreement between Monterey Regional Water Pollution Control Agency and Marina Coast Water District, April 8, 2016.

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Water Supply Assessment and Written Verification of Supply for the Marina Heights Specific Plan, prepared with Byron Buck & Associates, December 15, 2003.

Water Supply Assessment and Written Verification of Supply for the Proposed University Villages Specific Plan Development and Marina Community Partners Project, prepared with Byron Buck & Associates, January 26, 2005.

Water Supply Assessment and Written Verification of Supply for the Proposed Cypress Knolls Residential Project, prepared with Byron Buck & Associates, March 22, 2006.

Water Supply Assessment and Written Verification of Supply for the Proposed Resort at Del Rey Oaks, prepared with Byron Buck & Associates, December 2007.

Water Supply Assessment and Written Verification of Supply for the Proposed East Garrison Specific Plan Development, prepared with Byron Buck & Associates, June 3, 2004.

Water Supply Assessment and Written Verification of Supply for the Amended Main Gate Specific Plan, prepared with Schaaf & Wheeler, November 20, 2018.

Water Supply Assessment and Written Verification of Supply for the Campus Town Specific Plan, prepared with Schaaf & Wheeler, June 12, 2018.

Quarterly Water Consumption Report, period ending: December 31, 2019.

Monterey County Water Resources Agency:

2018 Groundwater Extraction Summary Report, September 2019.

Agreement between the United States of America and the Monterey County Water Resources Agency concerning Annexation of Fort Ord into Zones 2 and 2A of the Monterey County Water Resources Agency, Agreement No. A-06404, September 21, 1993.

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University of California Cooperative Extension, A Guide to Estimating Irrigation Water Needs for Landscape Plantings in California, August 2000

University of California, Monterey Bay Education, Science and Technology Center

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Appendix D: Technical Memorandum

The District publishes a Ten-Year Annual Water Consumption Report, which provides water use data by jurisdiction and subdivision. The most recent report is for the period ending December 31, 2019. Values from the last five years for the Marina-Ord Community are provided in Table 2, below. The “built-out” areas are aggregated under “All Other Areas” and subtotaled below the table. The subtotal includes the Existing Use areas, Rockrose Gardens (a subarea within Abrams Park) and Promontory Apartments (a subarea within Marina). The maximum use within these areas was 184.9 AFY in 2018. Subtracting the previous allocations for Rockrose Gardens and Promontory, the Existing Use allocation may be revised down to 146.7 AFY.

The difference of 86.4 AFY may be considered available for the City to reallocate other projects. Adding the 5.2 AFY of currently unallocated supply (remainder after subtracting Table 1 from 1,340 AFY), the City’s unallocated total becomes 91.6 AFY.

Table 2. Water Use within Marina-Ord Community, 2015-2019 (AFY)

Subdivision	2015	2016	2017	2018	2019
Marina Heights (renamed Sea Haven)					
SeaHaven	7.34	10.02	23.37	37.67	61.92
University Villages (renamed Dunes on Monterey Bay)					
Dunes CHOMP	8.58	6.77	5.41	6.88	6.42
Dunes Comm	12.71	14.06	30.12	32.89	30.66
Dunes on MB Res	4.69	24.69	45.20	64.16	64.39
Dunes UV Apts	33.97	20.23	23.56	23.86	23.85
Dunes UVSpecPlan	1.98	2.45	3.24	2.25	1.34
Dunes VA DOD		0.09	5.42	2.08	2.61
MPC 12th Street Campus					
School	4.54	1.93	1.95	2.27	2.72
Construction (Hydrant Meter Use)					
MarinaConstruction	25.33	39.64	42.83	25.28	35.63
All Other Areas					
Abrams HAuthor	8.39	9.43	10.77	12.02	5.90
Abrams Interim	3.89	3.75	4.12	4.56	3.43
Abrams Park	44.20	39.54	50.92	54.50	52.45
Imjin Office Park	2.03	4.89	4.61	2.47	7.93
Marina	16.99	31.61	31.54	36.65	36.42
MarinaAirport	2.30	2.03	2.77	7.50	3.45
MarinaRecreation	-	-	0.05	-	-
Preston Park	51.93	51.63	56.31	61.31	55.97
Preston Shelter	5.43	6.63	5.83	5.92	5.06
Total FOMarina	234.28	269.40	348.02	382.28	400.15
Subtotal, All Other Areas	135.16	149.51	166.92	184.93	170.61

References:

1. Marina Coast Water District, 2015 Urban Water Management Plan, prepared by Schaaf & Wheeler, 2016
2. Marina Coast Water District, 10-Year Annual Consumption Report, Period Ending December 31, 2019
3. Water Transfer Agreements among the U.S. Army, City of Marina and Fort Ord Reuse Authority (15 AFY for Veterans Transition center), January 2018.

Appendix E: Board Resolution Approving the Water Supply Assessment

Marina Coast Water District
Agenda Transmittal

Agenda Item: 10-C

Meeting Date: April 20, 2020

Prepared By: Don Wilcox

Approved By: Keith Van Der Maaten

Reviewed By: Michael Wegley

Agenda Title: Consider Adoption of Resolution No. 2020-23 to Approve Amendment No. 8 to the Professional Services Agreement with Carollo Engineers for Design of the Regional Urban Water Augmentation Project Distribution Mains Project

Staff Recommendation: Staff recommends that the Board of Directors consider adopting Resolution No. 2020-23 approving Amendment No. 8 to the Professional Services Agreement with Carollo Engineers to add the total dollar amount of \$104,908 for a not-to-exceed contract total amount of \$2,419,248 for additional services necessary to amend plans for the Regional Urban Water Augmentation Project (RUWAP) distribution mains.

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.*

MCWD's RUWAP Distribution Pipelines Project has had two recent developments described below which require Board approval to proceed with. The first one is the need to transfer the design and construction of new potable and recycled water pipelines from the City of Marina's Imjin Parkway Road Widening project to the District's RUWAP Distribution Pipelines Project. The second one is the need to add seven additional pressure reducing/backflow prevention stations to the project as necessary to provide recycled water to CSUMB, Bayonet-Blackhorse Golf Course and Patton Parkway landscaping.

Imjin Parkway potable and recycled water pipelines

The MCWD Capital Improvement Program plans for new potable water and recycled water mains in Imjin Parkway from Abrams Drive to Reservation Road. These pipelines were programmed to be constructed concurrently with the City of Marina's Imjin Parkway Widening Project from Imjin Road to Reservation Road.

The City of Marina engaged Kimley-Horn and Associates, Inc. (Kimley-Horn) for design of the City's Imjin Parkway Widening Project from Imjin Road to Reservation Road. The District subsequently also engaged Kimley-Horn to prepare plans for the District's above-mentioned pipelines to be incorporated into the City of Marina's Imjin Parkway Widening Project plans.

Design plans are near completion for the City of Marina's road widening project with the District's pipeline projects still needing some work. The City of Marina is in the process of formalizing funding for their approximately \$30+ million project in preparation to advertise for formal bids for construction of their project.

During development of an agreement to reimburse Marina for all costs associated with construction of the District's pipelines, it became evident that Marina's funding is entirely from state and local sources whereas the District's funding for the recycled water pipeline is the State

Revolving Fund (SRF). SRF funding includes federal funding and federal funding requires compliance with federal DBE and the list of federal laws listed in Exhibit E of the SRF agreement between the District and the State. Unfortunately, if the RUWAP Distribution Pipeline is part of the roadway project, these federal requirements would carry over to the entire road widening project, and compliance with federal requirements would substantially increase the cost of Marina's road widening project. Therefore, the District's pipelines projects need to be constructed separate from Marina's road widening project. Also, the District's pipelines will need to be constructed prior to Marina's road widening project in order to avoid trench-cutting into the new roadway if the pipelines were constructed after the roadway project.

Additional pressure reducing/backflow prevention stations

The District has master planned a new recycled water distribution system to serve existing and future entities with recycled water for irrigation purposes. The District's RUWAP Distribution Pipelines Project brings recycled water from the recycled water transmission main to various recycled water users. It also reduces pressures coming off of, and provides backflow protection for, the high-pressure transmission main. The project scope was developed to be able to serve many of the initial recycled water users and future distribution pipelines projects would serve additional initial as well as future recycled water users.

The current distribution project includes five pressure reducing stations (PRS) to serve initial recycled water users. However, it has recently become apparent that several additional pressure reducing stations should be included in this project. Staff recommends adding five PRS at CSUMB, one PRS to serve the Bayonet-Blackhorse Golf Course and one PRS to serve Patton Parkway landscape irrigation.

Discussion and Analysis: The District's RUWAP Recycled Water Distribution Pipelines Project (which also includes two potable water lines) that is currently out for bids is the logical means to bid and construct the Imjin Parkway potable and recycled water pipelines prior to Marina's road widening project. The process to add these two pipelines to the RUWAP project is to extend the bid due date, transfer the pipelines from the Kimley-Horn road widening plans to the Carollo RUWAP distribution pipeline plans and add the pipelines via addendum to the current RUWAP project solicitation for formal bids. This will result in an increase of effort by Carollo as necessary to transfer and finalize plans, provide bid support and engineering during construction services.

This project is also the appropriate project to add additional PRS facilities recently requested and in order to be ready to serve initial recycled water users that have been identified as most likely to connect in the near future as soon as a point of connection is available.

On May 11, 2010, the Board awarded Carollo Engineers a contract under Resolution No. 2010-26 for Final Design and Bidding Services for Recycled Water Pipelines, the Blackhorse Reservoir and On-Call Services for the Regional Urban Water Augmentation Project (RUWAP). The contract was amended by the Board as the various phases of the large RUWAP projects were completed. Due to the need to add the Imjin Parkway potable and recycled water pipelines as well as additional PRS facilities to this project, this amendment includes the following tasks (please see the attached proposals from Carollo for the complete scopes of additional work):

- Prepare final design drawings and specification updates to include approximately 3,100 linear feet of 12-inch diameter potable water pipeline in Imjin Parkway from Preston Drive to Reservation Road. Carollo will prepare the final design drawings and specification updates as an addendum to the RUWAP Distribution Mains Project.

- Prepare final design drawings and specification updates to include approximately 4,500 linear feet of 12-inch diameter recycled water pipeline in Imjin Parkway from Abrams Drive to Reservation Road. Carollo will prepare the final design drawings and specification updates as an addendum to the RUWAP Distribution Mains Project.
- Prepare final design drawings and specification updates for seven additional pressure reducing/backflow prevention stations as an addendum to the RUWAP Distribution Mains bid documents. Carollo will prepare the final design drawings and specification updates as an addendum to the RUWAP Distribution Mains Project.

Carollo Engineers has provided competent engineering throughout the planning, design and construction of the RUWAP projects and have provided excellent support since the project's beginning. MCWD staff have reviewed Carollo's scope and schedule for the work described in Amendment 8 and find the fees for the anticipated time and materials to be reasonable. The amendment with scope of services and cost proposals' breakdown is included as Attachment A to the Resolution.

Staff is recommending that the Board adopt Resolution No. 2020-23 to amend the Carollo Engineers Professional Service Agreement as described above.

Environmental Review Compliance: The MCWD Environmental Impact Report establishing Mitigation Monitoring and Environmental Compliance for the RUWAP Projects meets both the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) requirements.

Financial Impact: Yes No Funding Source/Recap: Funding for this project comes from the FORA contribution to RUWAP and the Water Resources Control Board State Revolving Fund loan proceeds.

Other Considerations: The Board may desire to consider other alternatives to adopting the motion as recommended by staff including:

1. Modifying or conditioning the action; or,
2. Direct further staff work; or,
3. Deny the action.

Material Included for Information/Consideration: [Resolution No. 2020-23](#); [Figure 1](#); and, [Amendment 8 with Scopes of Work, Attachment A1, Attachment A2, and Attachment A3](#).

Action Required: Resolution Motion Review
(Roll call vote is required.)

Board Action

Motion By _____ Seconded By _____ No Action Taken _____

Ayes _____ Abstained _____

Noes _____ Absent _____

April 20, 2020

Resolution No. 2020-23
Resolution of the Board of Directors
Marina Coast Water District

Approving Amendment No. 8 to the Professional Services Agreement with Carollo Engineers
for the Regional Urban Water Augmentation Project Distribution Mains

RESOLVED by the Board of Directors (“Directors”) of the Marina Coast Water District (“District”), at a meeting duly called and held on April 20, 2020, via a videoconference pursuant to Gov. Newsom’s Executive Order N-29-20, as follows:

WHEREAS, on May 11, 2010, the District Board of Directors awarded Carollo Engineers a contract under Resolution No. 2010-26 for Final Design and Bidding Services for Recycled Water Pipelines, the Blackhorse Reservoir and On-Call Services for the Regional Urban Water Augmentation Project (RUWAP); and,

WHEREAS, on March 1, 2018, the District entered into a Professional Services Agreement with Kimley-Horn and Associates, Inc. (Kimley-Horn) for Project Management and Environmental Clearance to incorporate MCWD pipeline plans and specifications into the Imjin Parkway Widening Project; and,

WHEREAS, the District and City of Marina both now prefer to transfer the Imjin Parkway potable and recycled water pipelines from the Kimley-Horn Imjin Parkway Road Widening Project plans to the Carollo Regional Urban Water Augmentation Project Distribution Mains Project plans; and,

WHEREAS, this will result in an increase of effort by Carollo as necessary to transfer and finalize plans, provide bid support and engineering during construction services; and,

WHEREAS, it has recently become apparent that several additional pressure reducing stations (PRS) should be included in this project; and,

WHEREAS, this project is also the appropriate project to add additional PRS facilities in order to be ready to serve initial recycled water users that have been identified as most likely to connect in the near future as soon as a point of connection is available; and,

WHEREAS, these additional scope of work items will result in an increased level of effort by Carollo as necessary to transfer and finalize plans, provide bid support and engineering during construction services; and,

WHEREAS, Carollo Engineers has provided competent engineering throughout the planning, design and construction of the RUWAP projects and have provided excellent support since the project’s beginning; and,

WHEREAS, the Carollo agreement has been amended by the Board as the various phases of the large RUWAP projects have been completed; and,

WHEREAS, Carollo Engineers has submitted the attached scope and fee estimate proposals for the total not-to-exceed dollar amount of \$104,908 for On-Call Services for the Regional Urban Water Augmentation Project (RUWAP), and staff agrees that the proposal is reasonable; and,

WHEREAS, Staff is recommending that the Board amend the Carollo Engineers Professional Service Agreement to cover this additional work.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the Marina Coast Water District does hereby approve Attachment A - Amendment No. 8 to the Professional Services Agreement with Carollo Engineers to add the total dollar amount of \$104,908 for a not-to-exceed contract total amount of \$2,419,248 for additional services necessary to amend plans for the Regional Urban Water Augmentation Project distribution mains.

PASSED AND ADOPTED on April 20, 2020, 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 _____

Thomas P Moore, President

ATTEST:

Keith Van Der Maaten, 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. 2020-23 adopted April 20, 2020.

Keith Van Der Maaten, Secretary

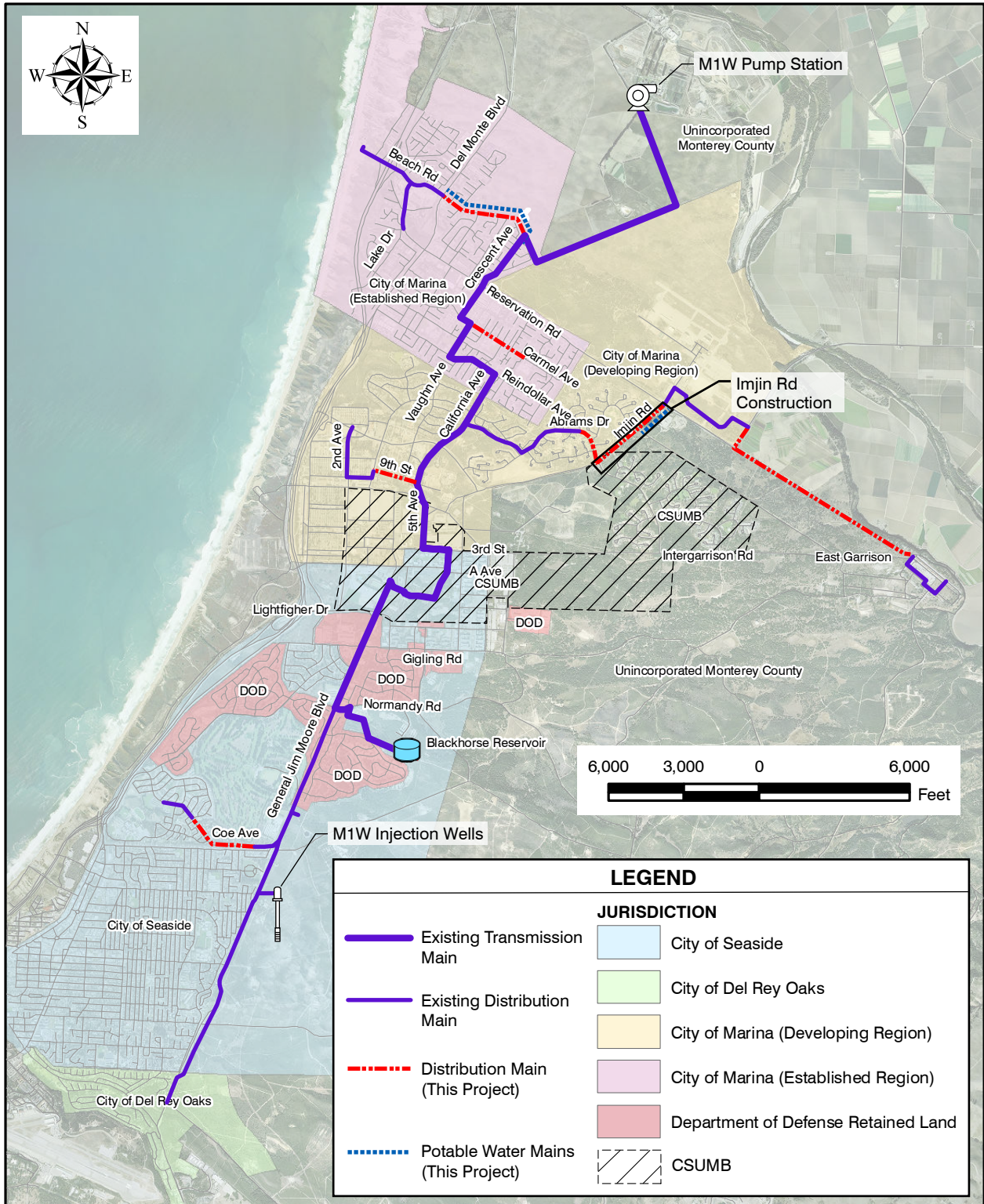


Figure 1
RECYCLED WATER PROJECT ALIGNMENT
MARINA COAST WATER DISTRICT

**AMENDMENT TO THE
PROFESSIONAL SERVICES AGREEMENT FOR
FINAL DESIGN AND BIDDING SERVICES FOR THE RECYCLED WATER
PIPELINE, BLACKHORSE RESERVIOR AND ON-CALL SERVICES FOR THE
REGIONAL URBAN WATER AUGMENTATION PROJECT (RUWAP)
BETWEEN
MARINA COAST WATER DISTRICT
AND
CAROLLO ENGINEERS**

AMENDMENT NO. 8

The Professional Services Agreement between the Marina Coast Water District (DISTRICT) and Carollo Engineers (CONSULTANT), for Final Design and Bidding Services for Recycled Water Pipelines, the Blackhorse Reservoir and On-Call Services for the Regional Urban Water Augmentation Project (RUWAP) dated May 14, 2009 (AGREEMENT) amended May 26, 2010, March 21, 2016, August 22, 2017, April 17, 2018, September 16, 2019, December 16, 2019 and January 21, 2020 is hereby amended.

The undersigned CONSULTANT agrees to furnish the following as a modification to the original Scope: The scope and fee for this amendment is incorporated into the contract document as Attachment A. The scope generally may be described as:

- Prepare final design drawings and specification updates to include approximately 3,100 linear feet of 12-inch diameter potable water pipeline in Imjin Parkway from Preston Drive to Reservation Road. Carollo will prepare the final design drawings and specification updates as an addendum to the RUWAP Distribution Mains Project.
- Prepare final design drawings and specification updates to include approximately 4,500 linear feet of 12-inch diameter recycled water pipeline in Imjin Parkway from Abrams Drive to Reservation Road. Carollo will prepare the final design drawings and specification updates as an addendum to the RUWAP Distribution Mains Project.
- Prepare final design drawings and specification updates for seven additional pressure reducing/backflow prevention stations as an addendum to the RUWAP Distribution Mains bid documents. Carollo will prepare the final design drawings and specification updates as an addendum to the RUWAP Distribution Mains Project.

Carollo's fee estimate for the work conducted under this amendment is an hourly charge rate multiplied by the actual hours directly chargeable to the project with a not-to-exceed value for this amendment of \$104,908.

With this amendment, the contract values and completion date are understood to be:

Original Contract Value: \$ 252,000.00

ATTACHMENT A1, A2 & A3

Carollo Engineers
Scope of Work and Fee Estimates
For Amendment 8



April 10, 2020

Mr. Donald Wilcox, PE
Senior Engineer
Marina Coast Water District
2840 4th Avenue
Marina, CA 93933

Subject: Proposal for Engineering Services, Design of the Imjin Parkway Potable Water Pipeline, MCWD Project OW-0193

Dear Mr. Wilcox:

As requested by Marina Coast Water District (District), below is a proposal to provide final design of the Imjin Parkway Potable Water Pipeline to be included in the RUWAP Distribution Mains Project:

Background

The City of Marina (City), in cooperation with Caltrans District 5, is designing the Imjin Parkway Improvement Project from Reservation Road west to Imjin Rd to accommodate anticipated multimodal transportation including transit access, separated vehicular traffic, pedestrian and bicycle access, an additional vehicular travel lane, and improve intersection capacity through roundabouts at intersections. The existing two-lane roadway will be widened to a four-lane facility. Design is anticipated to be completed in June 2020, however outstanding design items include right-of-way approvals and environmental compliance approvals, which may delay the project design completion and construction schedule.

The District has identified the need for approximately 3,100 linear feet of new 12-inch diameter potable water pipeline in Imjin Parkway from Preston Drive to Reservation road and has been coordinating with the City to include the new potable water pipeline in the City's design.

The District has also identified the need for approximately 4,500 linear feet of new 12-inch diameter recycled water pipeline in Imjin Parkway from Abrams Drive to Reservation Road as part of the Regional Urban Water Augmentation Project (RUWAP) under MCWD Project RW-0306, that will be constructed by a contractor hired by MCWD in order to comply with State Revolving Fund (SRF) terms, significantly reducing the District's financial cost to fund the project.

The Imjin Parkway Improvement Project construction documents are not currently structured to comply with SRF terms, voiding the District's conditions for obtaining the low-interest SRF loan. Revising the construction documents to comply with SRF terms will likely delay completion of the City's project. In addition, the Imjin Parkway Improvement Project general contractor is anticipated to specialize in roadway construction and hire a pipeline subcontractor to install both the potable water and recycled water pipeline in Imjin Parkway, resulting in a marked-up cost for the pipeline installation work compared to a pipeline contractor self-performing the work. Furthermore, Carollo identified the need for several pipeline design updates in the City's design documents to comply with MCWD's design standards.

For the above reasons, to reduce project costs, and to reduce delays to the City's project, the District has requested the Imjin Parkway potable water pipeline (and recycled water pipeline) be included in the RUWAP Distribution Mains project. This scope of work and fee are for the potable water pipeline. A separate scope of work and fee have been provided for the recycled water pipeline.

The District, City, City's design consultant, and Carollo have had multiple coordination meetings and agreed to transition the engineering design responsibility of the potable water (and recycled water) pipeline design to Carollo for construction by the RUWAP Distribution Main contractor, hired by the District.

Due to the Coronavirus (COVID-19) shelter-in-place order by Monterey County, bidding for the RUWAP Distribution Mains Project has been delayed until the shelter in place order is lifted, currently anticipated in May 2020. The delay provides sufficient time for Carollo to finalize the potable water design and include it in MCWD RUWAP Distribution Mains bid package as an addendum.

Scope of Work

Task 1 – Final Design

Carollo will prepare final design drawings and specification updates to include approximately 3,100 linear feet of 12-inch diameter potable water pipeline in Imjin Parkway from Preston Drive to Reservation Road. Carollo will prepare the final design drawings and specification updates as an addendum to the RUWAP Distribution Mains Project. Realignment is anticipated to route the pipelines, to the extent possible, within the existing roadway alignment. In locations where the pipeline alignment is outside the existing roadway, those locations may be constructed after rough grading by the City's contractor, and the scope and schedule for this work will be coordinated with the City's contractor.

The following new drawings are anticipated:

Drawings No.	Drawing Description		
1	Plan and Profile Drawing 1	0 ft -	1,000 ft
2	Plan and Profile Drawing 2	1,000 ft	2,000 ft
3	Plan and Profile Drawing 3	2,000 ft	3,000 ft
4	Plan and Profile Drawing 4	3,000 ft	3,100 ft
5	Detail Drawings 1		

Carollo will facilitate coordination meetings with MCWD and Kimley-Horn when developing final design drawings and one in-depth design review meeting via video conference (due to Coronavirus distances requirements).

Carollo will prepare a draft addendum for District review and comment in electronic PDF format. Carollo will update the addendum to address District comments and provide a final engineering signed document for the District to post to bidders.

Task 1 Assumptions:

- MCWD (and Kimley-Horn) will review and provide one round of draft submittal comments for Carollo to finalize the design.
- Kimley-Horn will provide all requested CAD files
- No additional, separate, paving plans will be required since roadway reconstruction will address long-term paving. Only final paving over the trench will be required. Traffic control plans will be required by the Contractor, consistent with the current traffic control specification.

Bid Services

Because Carollo is already providing these services through an approved RUWAP Distribution Mains Project, no additional cost is anticipated.

Conformed Documents

Because Carollo is already providing these services through an approved RUWAP Distribution Mains Project, no additional cost is anticipated.

Task 2 – Engineering Services During Construction

Carollo will review and respond to Submittals (up to 3 anticipated), Requests for Information (RFI's) (up to 5 anticipated), issue Design Clarifications (up to 2 anticipated), and review Change Orders (up to 2 anticipated), as needed. Carollo will provide record drawings for the project based on as-built, red-lined drawings received from the Contractor. It is assumed a single set of red-lined drawings will be provided to the Carollo and coordinated by the Construction Manager. Carollo will provide up to 5 full size drawings, an electronic pdf copy, and electronic AutoCAD files.

Construction Meetings

Because Carollo is already providing these services through an approved RUWAP Distribution Mains Project, no additional cost is anticipated

Budget

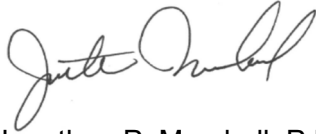
The budget for this work is based on development of four plan and profile drawings and one detail drawing for the potable water pipeline. No new survey, geotechnical, or utility locating are anticipated.

The estimated budget for this work is \$35,584; attached is a detailed summary.

Mr. Donald Wilcox, PE
Marina Coast Water District
April 10, 2020
Page 4

Please contact me at 925-977-3057 if you have any questions or would like to discuss.

Sincerely,
CAROLLO ENGINEERS, Inc.

A handwritten signature in black ink, appearing to read "Jonathon P. Marshall". The signature is fluid and cursive, with the first name being the most prominent.

Jonathon P. Marshall, P.E.
Project Manager

Regional Urban Water Augmentation Project - Distribution Mains

Proposal: Imjin Parkway Potable Water Design - Fee Estimate

Task	Description	Carollo										Sub-consultants			Other Direct Costs			Totals
		Principal (Prudhel) \$285	PM (Marshall) \$265	Lead Structural \$265	Project Engineer \$245	Asst Engr (Coulter) \$175	CADD Tech \$188	Clerical Support \$118	Hours	Budget	PECE	None Anticipated	Subtotals	Markup 10%	Misc. Costs and Printing	Travel	Total Cost	
1	Final Design	2	10	0	0	40	88	8	148	\$ 27,708	\$ 1,776	\$ -	\$ -	\$ -	\$ -	\$ 29,484		
2	Engineering Services During Construction	2	6	0	0	12	8	0	28	\$ 5,764	\$ 336	\$ -	\$ -	\$ -	\$ -	\$ 6,100		
	Total Hours	4	16	0	0	52	96	8	176									
	Total Budget	\$ 1,140	\$ 4,240	\$ -	\$ -	\$ 9,100	\$ 18,048	\$ 944		\$ 33,472	\$ 2,112	\$ -	\$ -	\$ -	\$ -	\$ 35,584		

April 10, 2020

Mr. Donald Wilcox, PE
Senior Engineer
Marina Coast Water District
2840 4th Avenue
Marina, CA 93933

Subject: Proposal for Engineering Services, Design of the Imjin Parkway Recycled Water Pipeline, MCWD Project RW-0306

Dear Mr. Wilcox:

As requested by Marina Coast Water District (District), below is a proposal to provide final design of the Imjin Parkway Recycled Water Pipeline to be included in the RUWAP Distribution Mains Project:

Background

The City of Marina (City), in cooperation with Caltrans District 5, is designing the Imjin Parkway Improvement Project from Reservation Road west to Imjin Rd to accommodate anticipated multimodal transportation including transit access, separated vehicular traffic, pedestrian and bicycle access, an additional vehicular travel lane, and improve intersection capacity through roundabouts at intersections. The existing two-lane roadway will be widened to a four-lane facility. Design is anticipated to be completed in June 2020, however outstanding design items include right-of-way approvals and environmental compliance approvals, which may delay the project design completion and construction schedule.

The District has identified the need for approximately 4,500 linear feet of new 12-inch diameter recycled water pipeline in Imjin Parkway from Abrams Drive to Reservation Road as part of the Regional Urban Water Augmentation Project (RUWAP) under MCWD Project RW-0306, that will be constructed by a contractor hired by MCWD in order to comply with State Revolving Fund (SRF) terms, significantly reducing the District's financial cost to fund the project.

The District has also identified the need for approximately 3,100 linear feet of new 12-inch diameter potable water pipeline in Imjin Parkway from Preston Drive to Reservation road and has been coordinating with the City to include the new potable water pipeline in the City's design.

The Imjin Parkway Improvement Project construction documents are not currently structured to comply with SRF terms, voiding the District's conditions for obtaining the low-interest SRF loan. Revising the construction documents to comply with SRF terms will likely delay completion of the City's project. In addition, the Imjin Parkway Improvement Project general contractor is anticipated to specialize in roadway construction and hire a pipeline subcontractor to install both the potable water and recycled water pipeline in Imjin Parkway, resulting in a marked-up cost for the pipeline installation work compared to a pipeline contractor self-performing the work.

Furthermore, Carollo identified the need for several pipeline design updates in the City's design documents to comply with MCWD's design standards.

For the above reasons, to reduce project costs, and to reduce delays to the City's project, the District has requested the Imjin Parkway recycled water pipeline (and potable water pipeline) be included in the RUWAP Distribution Mains project. This scope of work and fee are for the recycled water pipeline. A separate scope of work and fee have been provided for the potable water pipeline.

The District, City, City's design consultant, and Carollo have had coordination meetings and agreed to transition the engineering design responsibility of the recycled water (and potable water) pipeline design to Carollo for construction by the RUWAP Distribution Main contractor, hired by the District.

Due to the Coronavirus (COVID-19) shelter-in-place order by Monterey County, bidding for the RUWAP Distribution Mains Project has been delayed until the shelter in place order is lifted, currently anticipated in May 2020. The delay provides sufficient time for Carollo to finalize the potable water design and include it in MCWD RUWAP Distribution Mains bid package as an addendum.

Scope of Work

Task 1 – Final Design

Carollo will prepare final design drawings and specification updates to include approximately 4,500 linear feet of 12-inch diameter recycled water pipeline in Imjin Parkway from Abrams Drive to Reservation Road. Carollo will prepare the final design drawings and specification updates as an addendum to the RUWAP Distribution Mains Project. Realignment is anticipated to route the pipelines, to the extent possible, within the existing roadway alignment. In locations where the pipeline alignment is outside the existing roadway, those locations may be constructed after rough grading by the City's contractor, and the scope and schedule for this work will be coordinated with the City's contractor.

The following new drawings are anticipated:

Drawings No.	Drawing Description		
1	Plan and Profile Drawing 1	0 ft -	1,000 ft
2	Plan and Profile Drawing 2	1,000 ft	2,000 ft
3	Plan and Profile Drawing 3	2,000 ft	3,000 ft
4	Plan and Profile Drawing 4	3,000 ft	4,000 ft
5	Plan and Profile Drawing 5	4,000 ft	4,500 ft
6	Detail Drawings 1		

Carollo will facilitate coordination meetings with MCWD and Kimley-Horn when developing final design drawings and one in-depth design review meeting via video conference (due to Coronavirus distances requirements).

Carollo will prepare a draft addendum for District review and comment in electronic PDF format. Carollo will update the addendum to address District comments and provide a final engineering signed document for the District to post to bidders.

Task 1 Assumptions:

- MCWD (and Kimley-Horn) will review and provide one round of draft submittal comments for Carollo to finalize the design.
- Kimley-Horn will provide all requested CAD files
- No additional, separate, paving plans will be required since roadway reconstruction will address long-term paving. Only final paving over the trench will be required. Traffic control plans will be required by the Contractor, consistent with the current traffic control specification.

Bid Services

Because Carollo is already providing these services through an approved RUWAP Distribution Mains Project, no additional cost is anticipated.

Conformed Documents

Because Carollo is already providing these services through an approved RUWAP Distribution Mains Project, no additional cost is anticipated.

Task 2 – Engineering Services During Construction

Carollo will review and respond to Submittals (up to 3 anticipated), Requests for Information (RFI's) (up to 5 anticipated), issue Design Clarifications (up to 2 anticipated), and review Change Orders (up to 2 anticipated), as needed. Carollo will provide record drawings for the project based on as-built, red-lined drawings received from the Contractor. It is assumed a single set of red-lined drawings will be provided to the Carollo and coordinated by the Construction Manager. Carollo will provide up to 5 full size drawings, an electronic pdf copy, and electronic AutoCAD files.

Construction Meetings

Because Carollo is already providing these services through an approved RUWAP Distribution Mains Project, no additional cost is anticipated

Budget

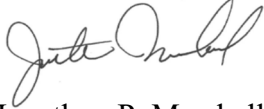
The budget for this work is based on development of four plan and profile drawings and one detail drawing for the potable water pipeline. No new survey, geotechnical, or utility locating are anticipated.

The estimated budget for this work is \$46,084; attached is a detailed summary.

Mr. Donald Wilcox, PE
Marina Coast Water District
April 10, 2020
Page 4

Please contact me at 925-977-3057 if you have any questions or would like to discuss.

Sincerely,
CAROLLO ENGINEERS, Inc.



Jonathon P. Marshall, P.E.
Project Manager

Regional Urban Water Augmentation Project - Distribution Mains

Proposal: Injin Parkway Recycled Water Pipeline Design - Fee Estimate

Task	Description	Carollo										Sub-consultants			Other Direct Costs			Totals
		Principal (Prudhel) \$285	PM (Marshall) \$265	Lead Structural \$265	Project Engineer \$245	Asst Engr (Coulter) \$175	CADD Tech \$188	Clerical Support \$118	Subtotals		PECE \$12.00	None Anticipated	Subtotals	Markup 10%	Misc. Costs and Printing	Travel	Total Cost	
									Hours	Budget								
1	Final Design	2	12	0	0	56	120	8	198	\$ 37,054	\$ 2,376	\$ -	\$ -	\$ -	\$ -	\$39,430		
2	Engineering Services During Construction	2	8	0	0	12	8	0	30	\$ 6,294	\$ 360	\$ -	\$ -	\$ -	\$ -	\$6,654		
	Total Hours	4	20	0	0	68	128	8	228									
	Total Budget	\$ 1,140	\$ 5,300	\$ -	\$ -	\$ 11,900	\$ 24,064	\$ 944		\$ 43,348	\$ 2,736	\$ -	\$ -	\$ -	\$ -	\$ 46,084		

April 10, 2020

Mr. Donald Wilcox, PE
Senior Engineer
Marina Coast Water District
2840 4th Avenue
Marina, CA 93933

Subject: Proposal for Engineering Services, Design of Additional Pressure Reducing Stations

Dear Mr. Wilcox:

As requested by Marina Coast Water District (District), below is a proposal to provide final design of six additional pressure reducing stations to be included in the RUWAP Distribution Mains Project:

Background

Recent coordination between the District and California State University Monterey Bay (CSUMB) identified the need for five pressure reducing stations to supply recycled water to landscape areas identified for recycled water use the CSUMB campus.

Recent updates to the District's Recycled Water Title 22 Engineer's Report identified the need for one pressure reducing station to supply recycled water to landscaping on Patton Parkway.

Scope of Work

Task 1 – Final Design

Carollo will prepare final design drawings and specification updates as an addendum to RUWAP Distribution Mains bid documents. Three plan view drawings and one detail drawing are anticipated.

Carollo will prepare a draft addendum for District review and comment in electronic PDF format. Carollo will update the addendum to address District comments and provide a final engineering signed document for the District to post to bidders.

Task 1 Assumptions:

- No additional, separate, paving plans will be required
- No survey is required. Available aerial imagery, topographic files, and site photos will be used for backgrounds on the design drawings.
- No new survey, geotechnical, or utility locating are anticipated.

Bid Services

Because Carollo is already providing these services through an approved RUWAP Distribution Mains Project, no additional cost is anticipated.

Mr. Donald Wilcox, PE
Marina Coast Water District
April 10, 2020
Page 2

Conformed Documents

Because Carollo is already providing these services through an approved RUWAP Distribution Mains Project, no additional cost is anticipated.

Task 2 – Engineering Services During Construction

Carollo anticipates these services can be absorbed into the existing, approved RUWAP Distribution Mains Project.

Construction Meetings

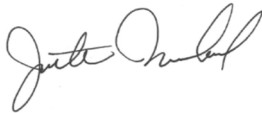
Because Carollo is already providing these services through an approved RUWAP Distribution Mains Project, no additional cost is anticipated.

Budget

The estimated budget for this work is \$23,240; attached is a detailed summary. This is anticipated to be funded through the Distribution Mains Engineering Services During Construction contract, Task 8 (Additional Services As Needed) and a contract amendment is not needed.

Please contact me at 925-977-3057 if you have any questions or would like to discuss.

Sincerely,
CAROLLO ENGINEERS, Inc.



Jonathon P. Marshall, P.E.
Project Manager

Regional Urban Water Augmentation Project - Distribution Mains

Proposal: Injini Parkway Recycled Water Pipeline Design - Fee Estimate

Task	Description	Carollo										Sub-consultants			Other Direct Costs			Totals
		Principal (Prudhel) \$285	PM (Marshall) \$265	Lead Structural \$265	Project Engineer \$245	Asst Engr (Coulter) \$175	CADD Tech \$188	Clerical Support \$118	Hours	Budget	PECE	None Anticipated	Subtotals	Markup 10%	Misc. Costs and Printing	Travel	Total Cost	
1	Final Design	2	10	0	0	28	68	8	116	\$ 21,848	\$ 1,392	\$ -		\$ -	\$ -	\$ 23,240		
	Total Hours	2	10	0	0	28	68	8	116									
	Total Budget	\$ 570	\$ 2,650	\$ -	\$ -	\$ 4,900	\$ 12,784	\$ 944	\$ 21,848	\$ 1,392	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,240		

Marina Coast Water District
Agenda Transmittal

Agenda Item: 10-D

Meeting Date: April 20, 2020

Prepared By: Keith Van Der Maaten

Approved By: Keith Van Der Maaten

Agenda Title: Consider Adoption of Resolution No. 2020-24 to Approve a Building Removal Funding Agreement between the Marina Coast Water District, the Fort Ord Reuse Authority, and the City of Marina

Staff Recommendation: The Board of Directors approve Resolution No. 2020-24 to approve a building removal funding agreement between the Marina Coast Water District, the Fort Ord Reuse Authority (FORA), and the City of Marina.

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.*

At the October 2018 Fort Ord Reuse Authority (“FORA”) Board meeting, the FORA Board directed staff to investigate the legality and feasibility of issuing debt against FORA’s statutory share of property tax revenue provided to FORA by the State Legislature as codified in the State of California Health and Safety Code to be used for building removal.

In January 2019, FORA released a competitive Request for Qualifications and selected NHA Advisors (“NHA”) to complete the bond feasibility and financial analysis. NHA completed its first milestone, a legal and financial feasibility memorandum regarding FORA’s statutory property tax authority, in April 2019. NHA’s preliminary finding was that FORA would be able to issue bonds in a range of \$25 to \$30 million. In July 2019, the FORA Administrative Committee (“AC”) recommended the FORA Board do the necessary work to prepare a bond package, and in August 2019, the FORA Board approved the Executive Officer (“EO”) to conduct that work.

At the September 18, 2019 FORA Administrative Committee, members reviewed alternatives for allocating building removal bond proceeds. Members also reviewed staff methodology for developing the relevant input metrics, including specific delineation of which parcels would be included in the building removal program. The Administrative Committee recommendation included two MCWD sites to fund in the building removal efforts: the Old Fort Ord Wastewater Treatment Plant on State Park Property and MCWD’s property on 4th Street.

At the December 13, 2019 FORA Board meeting, the FORA Board approved Resolution No 19-13 authorizing the issuance and sale of bonds in a principal amount not to exceed \$55,000,000 to finance building removal and related costs, approving the form and authorizing the execution of an indenture of trust, authorizing judicial validation proceedings relating to the issuance of such bonds and authorizing actions related thereto. At the time, the financial analysts estimated that the bond issuance would produce revenue of approximately \$45 million due to the strength of the existing bond market.

Discussion/Analysis: The Fort Ord Reuse Authority plans to issue its Fort Ord Reuse Authority Tax Allocation Bonds, Series 2020 (Federally Taxable) pursuant to an Indenture of Trust, dated as

of May 1, 2020 among the Authority, the City of Marina, as administrator, and U.S. Bank National Association, as trustee. Pursuant to the Indenture, a portion of the proceeds of the Bonds will be deposited to an account held by the Trustee, and will be transferred by the Trustee to MCWD to pay Building Removal Costs as identified in the Building Removal Funding Agreement (“Funding Agreement”).

In order to assure FORA that the proceeds of the Bonds will only be used for building removal costs, FORA has requested that MCWD enter into a Funding Agreement (Attachment 2). MCWD would use the funds to remove structures and buildings located at the old Fort Ord WWTP (State Parks Property) and on MCWD’s property on 4th Street. Based on the final amount of the bonds, MCWD is estimated to receive between \$1.6 to \$3.3 million for building removal purposes.

Environmental Review Compliance: None required.

Financial Impact: Yes No Funding Source/Recap: With the executed agreement and successful bond issuance by FORA, MCWD will receive between \$1.6 to \$3.3 million dollars for building removal purposes.

Other Considerations: None.

Material Included for Information/Consideration: [Resolution No. 2020-24](#); and, [Building Removal Funding Agreement](#).

Action Required: Resolution Motion Review

Board Action

Motion By _____ Seconded By _____ No Action Taken _____

Ayes _____ Abstained _____

Noes _____ Absent _____

April 20, 2020

Resolution No. 2020-24
Resolution of the Board of Directors
Marina Coast Water District
Approving a Building Removal Funding Agreement
with the Fort Ord Reuse Authority and the City of Marina

RESOLVED by the Board of Directors (“Directors”) of the Marina Coast Water District (“District”), at a meeting duly called and held on April 20, 2020, via a videoconference pursuant to Gov. Newsom’s Executive Order N-29-20, as follows:

WHEREAS, the Fort Ord Reuse Authority (“Authority”) plans to issue its Fort Ord Reuse Authority Tax Allocation Bonds, Series 2020 (Federally Taxable) (“Bonds”) pursuant to an Indenture of Trust, dated as of May 1, 2020 (“Indenture”) among the Authority, the City of Marina, as administrator (“Administrator”), and U.S. Bank National Association, as trustee (“Trustee”); and

WHEREAS, pursuant to the Indenture, a portion of the proceeds of the Bonds will be deposited to an account held by the Trustee, and will be transferred by the Trustee to the District (sometimes referred to in this Resolution as the “Funding Recipient”) to be used by the Funding Recipient to pay Building Removal Costs, as identified in the Building Removal Funding Agreement (“Funding Agreement”) referred to below; and

WHEREAS, in order to assure the Authority that the proceeds of the Bonds will only be used by the Funding Recipient for Building Removal Costs, and to otherwise set forth matters related thereto, the Authority has requested that the Funding Recipient enter into the Funding Agreement with the Authority and Administrator, a form of which Funding Agreement has been presented to the Directors for their approval; and

WHEREAS, the Directors, with the assistance of District Staff, has reviewed the Funding Agreement and now desires to approve the Funding Agreement and to direct its execution and delivery so that the District will have funds to pay the Building Removal Cost.

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

1. The Directors hereby approve the Funding Agreement in the form presented to the Directors at this meeting, and hereby authorize and direct the General Manager to execute and deliver the Funding Agreement in such form together with any changes therein deemed advisable upon consultation with Counsel to the District, the approval of such changes to be conclusively evidenced by the execution and delivery by the General Manager of the Funding Agreement.

2. The General Manager is hereby authorized and directed to take all actions and do all things necessary or desirable hereunder to implement the Funding Agreement, including but not limited to the execution and delivery of any and all certificates, documents and other instruments which they, or any of them, deem necessary or desirable and not inconsistent with the purposes of this Resolution and the Funding Agreement.

3. This Resolution shall take effect upon its adoption.

PASSED AND ADOPTED on April 20, 2020, 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 _____

Thomas P. Moore, President

ATTEST:

Keith Van Der Maaten, 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. 2020-24 adopted April 20, 2020.

Keith Van Der Maaten, Secretary

BUILDING REMOVAL FUNDING AGREEMENT

among the

FORT ORD REUSE AUTHORITY,

and the

**CITY OF MARINA, CALIFORNIA,
as Administrator,**

and the

MARINA COAST WATER DISTRICT

Dated as of May 1, 2020

**Relating to:
Fort Ord Reuse Authority
Tax Allocation Bonds,
Series 2020
(Federally Taxable)**

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EXHIBIT A – Building Removal Costs and Related Parcels

BUILDING REMOVAL FUNDING AGREEMENT

THIS BUILDING REMOVAL FUNDING AGREEMENT (the "Agreement"), dated as of May 1, 2020, is by and among the FORT ORD REUSE AUTHORITY (the "Authority"), the CITY OF MARINA, CALIFORNIA, as Administrator (the "Administrator") and the MARINA COAST WATER DISTRICT (the "Funding Recipient"), and is related to use by the Funding Recipient of proceeds of the Fort Ord Reuse Authority Tax Allocation Bonds, Series 2020 (Federally Taxable) (the "Bonds").

RECITALS:

WHEREAS, the Authority is issuing the Bonds pursuant to an Indenture of Trust, dated as of May 1, 2020 (the "Indenture"), by and among the Authority, the Administrator and U.S. Bank National Association, as trustee (the "Trustee") in order to fund Building Removal Costs of Building Removal to be undertaken by the Local Agencies, as such capitalized terms are defined in the Indenture; and

WHEREAS, the Funding Recipient is one of the Local Agencies, and the Indenture provides for the deposit of a portion of the proceeds of the Bonds on the date of issuance of the Bonds (the "Closing Date") to an MCWD Account of a Project Fund held by the Trustee as set forth in Section 3.02(a)(iv) of the Indenture; and

WHEREAS, pursuant to Section 3.04(b) of the Indenture, the Trustee will remit the amount in the MCWD Account to the Funding Recipient on the Closing Date to be used by the Funding Recipient as provided in this Agreement; and

WHEREAS, the Authority will be dissolved on June 30, 2020, and the Administrator is entering into this Agreement as assignee of the Authority under the Indenture solely to perform certain limited administrative activities as expressly set forth in the Indenture;

WHEREAS, the Authority, the Administrator and the Funding Recipient now desire to set forth provisions related to the disposition by the Funding Recipient of the amount transferred to it by the Trustee on the Closing Date, and to specify the rights and limited liability of the Administrator hereunder.

AGREEMENT:

NOW, THEREFORE, in consideration of the mutual promises and covenants set forth herein, and for other consideration the receipt and sufficiency of which is hereby acknowledged, the parties hereto do hereby agree as follows:

1. Recitals. Each of the above recitals as applicable to it is true and correct.

2. Issuance of the Bonds. The Authority hereby agrees to (a) issue the Bonds, (b) cause _____% of the proceeds of the Bonds to be deposited to the MCWD Account under the Indenture, and (c) cause the Trustee to remit the amount deposited to the MCWD Account to the Funding Recipient on the Closing Date. Notwithstanding the foregoing, this Agreement shall be null and void ab initio if for any reason whatsoever the Authority does not perform its obligations under the preceding sentence prior to its dissolution, and no damages or liability whatsoever shall arise or be incurred by the Authority as a consequence of its failure to perform such obligations. In no event shall the Funding Recipient have a right to compel the issuance of the Bonds.

The Funding Recipient hereby advises that its wire transfer instructions for the transfer of funds provided for in clause (c) of the first sentence of the preceding paragraph are: _____.

3. Use of Proceeds. The Funding Recipient hereby agrees to establish an account on its books and records (referred to in this Agreement as the "Building Removal Account") in order to account for its use of the proceeds of the Bonds remitted to it as described in clause (c) of the first sentence of Section 2. Amounts deposited to the Building Removal Account may be comingled with other monies of the Funding Recipient for investment purposes, but the Funding Recipient shall at all times maintain records as to the funds in the Building Removal Account and the investment earnings thereon as provided below.

The Funding Recipient agrees that amounts withdrawn from the Building Removal Account will be used solely to pay costs of the Building Removal Costs, as described in Exhibit A hereto then due and payable by the Funding Recipient, or that have otherwise theretofore been paid by the Funding Recipient after the date of this Agreement. In no event shall the Authority or the Administrator have any responsibility for the use by the Funding Recipient of amounts disbursed from the Building Removal Account, or any Building Removal activities of the Funding Recipient, or for any Building Removal Costs incurred by the Funding Recipient.

The Funding Recipient shall have the sole right to direct the investment of the amounts on deposit in the Building Removal Account. While the Funding Recipient shall have no obligation or liability with respect to any such investment, including any losses with respect thereto, any investment earnings on funds in the Building Removal Account shall be credited to such account and used solely for the purposes thereof as provided in this Section 3.

The Funding Recipient agrees to maintain accounting records relating to the use of amounts disbursed to or upon its order from the Building Removal Account in accordance with Funding Recipient's accounting procedures for similar funds. The Funding Recipient will, upon written request, provide the Authority or the Administrator, whichever requests the same, complete copies of the Funding Recipient's records related to such disbursements.

In the event that the Funding Recipient determines in its sole discretion that it has funds in the Building Removal Account that it will not expend on Building Removal Costs, it shall remit

such amount to the Trustee for deposit in the Surplus Account under the Indenture for disposition from the Surplus Account as provided in the Indenture.

Neither the Authority nor the Administrator shall have any liability or responsibility whatsoever with respect to any Building Removal activities of the Funding Recipient or any Building Removal Costs or other costs incurred for any reason by the Funding Recipient. The Funding Recipient hereby agrees to hold the Authority and the Administrator harmless with respect to any claim by any entity in opposition to the provisions of the preceding sentence.

4. Reimbursement of Administrative Costs. The Funding Recipient hereby agrees to pay, other than from amounts in the Building Removal Account, any and all costs with respect to its review, execution and performance of this Agreement. Neither the Authority nor the Administrator shall have any obligation to pay any costs of the Funding Recipient incurred by it in connection with this Agreement or the Building Removal activities of the Funding Recipient.

Costs of the Authority and the Administrator with respect to this Agreement (a) incurred on or before the Closing Date, shall be Costs of Issuance to be paid from the Costs of Issuance Fund under the Indenture; (b) incurred from and after the Closing Date shall be Administrative Expenses to be paid from the Administrative Expense Fund under the Indenture (as such capitalized terms used in the preceding clauses (a) and (b) are defined in the Indenture); and the Funding Recipient shall have no responsibility to pay any such costs. The Funding Recipient should have no responsibility to pay any costs of the Authority or the Administrator incurred by them with respect to the Indenture for the repayment or the administration of the Bonds.

5. Building Removal. The Funding Recipient shall have sole responsibility for all of its Building Removal activities..

6. Limited Obligations. All obligations of the Authority under and pursuant to this Agreement shall be limited to those specified in the first sentence of Section 2, subject in any event to the provisions of the provisions of the second sentence of Section 2. No Boardmember, officer or employee of the Authority shall in any event be personally liable hereunder. Following any deposit of Bond proceeds in the Building Removal Account as provided in Section 3 above, the Authority shall have no liability with respect to the handling or the investment of such funds by the Funding Recipient, or the disposition of such funds by the Funding Recipient.

The only obligations of the Funding Recipient hereunder shall be to expend amounts in Building Removal Account for Building Removal Costs, and to maintain records as to the use of the amounts withdrawn from the Building Removal Account. If, for any reason whatsoever, there are insufficient funds in the Building Removal Account to pay all of the Building Removal Costs of the Funding Recipient, none of the Funding Recipient, the Authority or the Administrator shall have any obligation under this Agreement to fund any such shortfall. If the Funding Recipient shall fail to perform any of its obligations hereunder, the sole remedy of the Authority or the Administrator shall be the commencement of an action in the Superior Court for specific

performance by the Funding Recipient of such obligations. No member of the governing board of the Funding Recipient, or any officer or employee thereof, shall in any event be personally liable hereunder.

The Administrator shall have no obligation or liability to the Funding Recipient or the Authority under this Agreement. It is hereby acknowledged that the sole reason for the Administrator to be a party to this Agreement is to recognize its rights to accounting records of, and to compel performance by, the Funding Recipient hereunder, and to consent to amendments hereto in its sole discretion. In no event shall the Administrator have any liability to the Authority or the Funding Recipient under or by reason of this Agreement, and no Councilmember, officer or employee of the Administrator shall in any event be personally liable hereunder.

7. Termination. This Agreement shall cease to be effective and shall terminate (a) upon the dissolution of the Authority, if the Authority has not issued the Bonds prior to its dissolution, or (b) upon the disbursement by the Funding Recipient of all amounts in the Building Removal Account. Notwithstanding the foregoing, the provisions of the fourth paragraph of Section 3 and the provisions of Section 6 shall survive such termination.

8. Amendment. This Agreement may be amended at any time but only in writing signed by (a) prior to the dissolution of the Authority, the Authority, the Administrator and the Funding Recipient, and (b) after dissolution of the Authority, the Administrator and the Funding Recipient.

9. Entire Agreement. This Agreement contains the entire agreement among the parties with respect to the matters provided for herein and supersedes all prior agreements and negotiations between the parties with respect to the subject matter of this Agreement.

10. Notices. Any notice required or permitted by this Agreement to be given or delivered to another party shall be deemed to have been received when personally delivered or seventy-two hours following deposit of the same in any United States Post Office in California, registered or certified, postage prepaid, addressed as follows:

The Authority:	Fort Ord Reuse Authority 920 2 nd Avenue, Suite A Marina, California 93933 Attention: Executive Officer
----------------	---

Administrator:	City of Marina 211 Hillcrest Avenue Marina, California 93933 Attention: City Manager
----------------	---

Funding Recipient: Marina Coast Water District
11 Reservation Road
Marina, California 93933-2099
Attention: General Manager

A copy of any notice to be given to the Authority hereunder shall be given to the Administrator. Each party may change its address for delivery of notice by delivering written notice of such change of address to the other parties hereto.

11. Exhibit. The exhibit attached hereto is incorporated into this Agreement by this reference.

12. Severability. If any part of this Agreement is held to be illegal or unenforceable by a court of competent jurisdiction, the remainder of this Agreement shall be given effect to the fullest extent reasonably possible.

13. Governing Law. This Agreement and any dispute arising hereunder shall be governed by and interpreted in accordance with the laws of the State of California.

14. Waiver. Failure by a party to insist upon the strict performance of any of the provisions of this Agreement by another party hereto, or the failure by a party to exercise its rights upon the default of another party, shall not constitute a waiver of such party's right to insist and demand strict compliance by such other party with the terms of this Agreement thereafter.

15. No Third Party Beneficiaries. No person or entity (including but not limited to the Trustee or the owners of the Bonds) shall be deemed to be a third party beneficiary hereof, and nothing in this Agreement (either express or implied) is intended to confer upon any person or entity, other than Administrator, the Authority and Funding Recipient, any rights, remedies, obligations or liabilities under or by reason of this Agreement.

16. Counterparts. This Agreement may be executed in counterparts, each of which shall be deemed an original, but all of which shall constitute but one instrument.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the day and year first written above.

FORT ORD REUSE AUTHORITY

By: _____

Josh Metz,
Executive Director

CITY OF MARINA, CALIFORNIA,
as Administrator

By: _____

Layne Long,
City Manager

MARINA COAST WATER DISTRICT

By: _____

Its: _____

EXHIBIT A

DESCRIPTION OF BUILDING REMOVAL COSTS

“Building Removal Costs” means the costs of Building Removal, including, without limitation, all costs of planning, engineering, management, risk management (including insurance premiums, legal fees and litigation costs associated with the Building Removal), and associated administrative services required to removed blighted buildings from certain parcel(s) of property within the boundaries of the former Fort Ord listed below.

“Building Removal” means any or all of the following: waste characterization, abatement, building demolition, building removal, building repair, waste disposal, and remediation of buildings and building sites located at certain parcel(s) of property within the boundaries of the former Fort Ord listed below.

The parcel(s) on which the Building Removal activities of the Funding Recipient are to occur are as follows:

Jurisdiction	USACE Parcel Number	Description
City of Marina	L35.1	MCWD Storage
State Parks	S3.1.1	Wastewater Plant

Marina Coast Water District
Agenda Transmittal

Agenda Item: 10-E

Meeting Date: April 20, 2020

Prepared By: Rose Gill

Approved by: Keith Van Der Maaten

Agenda Title: Consider Adoption of Resolution No. 2020-25 to Approve a New Classification, Job Description and Salary Range for an Operations & Maintenance Administrative Analyst

Staff Recommendation: Adopt Resolution No. 2020-25 to Approve a New Classification, Job Description and Salary Range for an Operations and Maintenance Administrative Analyst.

Background: *Strategic Plan, Objective 1.0 - Our objective is to manage and protect our current water source (groundwater) and find alternative water sources. We will secure and protect our developed potable water sources sufficiently to supply current and future customers. Our water sources strategy is to work with local land use jurisdictions to determine what their ultimate and interim projected demands will be and explore alternative water sources such as desalination, surface water treatment and recycled water, to find the most efficient, and to secure cost effective water source portfolio.*

Operations and Maintenance (O&M) has historically used an Operator for a lot of the office duties such as creating purchase orders, tracking and scheduling vehicle maintenance, and assisting in minor reporting. With the recent addition of a contract Administrative Assistant, it allowed O&M to take the Operator out of the office and put them into the field which has been a tremendous help. However, reporting and compliance is becoming more and more burdensome with stricter requirements, and more reporting to be done. Therefore, creating the Administrative Analyst, would combine the Administrative Assistance job duties with more technical analytical duties that would help free up time in the upper level of the O&M staff to allow them to focus their time in more critical areas of the System.

Discussion/Analysis: Staff is recommending the addition of a new full-time employee (FTE) entitled Operations and Maintenance Administrative Analyst. The Administrative Analyst will provide analysis, implementation and monitoring of programs related to water, wastewater and recycle water; ensures compliance with State and Federal regulations; develops and maintains databases; performs regulatory reporting for Local, State and Federal agencies; performs procurement within the Operations and Maintenance Department, and performs related work as required.

This position was analyzed by Koff & Associates, the District's compensation consultant. The proposed annual market salary ranges for the year is:

Operations & Maintenance Administrative Analyst Salary Range 18 = \$65,810.90 - \$83,993.24

Environmental Review Compliance: None required.

Financial Impact: _____ Yes No Funding Source/Recap: The position will be funded through department personnel cost savings realized through recent O&M staff retirements with longevity with District. These higher-level Operators have been replaced with Operator I's. The net savings will fully fund the Administrative Analyst position.

Other Considerations: The Board can decide to remain status quo and continue having operational employees handle the administrative analyst work.

Material Included for Information Consideration: [Resolution No. 2020-25](#); and, [Operations and Maintenance Administrative Analyst job description](#).

Action Required: Resolution _____ Motion _____ Review _____
(Roll call vote is required)

Board Action

Motion By _____ Seconded By _____ No Action Taken _____

Ayes _____ Abstained _____

Noes _____ Absent _____

April 20, 2020

Resolution No. 2020-25
Resolution of the Board of Directors
Marina Coast Water District
Approving New Classification, Job Description and
Salary Range for an Operations & Maintenance Administrative Analyst

RESOLVED by the Board of Directors (“Directors”) of the Marina Coast Water District (“District”), at a meeting duly called and held on April 20, 2020, via a videoconference pursuant to Gov. Newsom’s Executive Order N-29-20, as follows:

WHEREAS, Operations and Maintenance (O&M) has historically used an Operator for a lot of the office duties such as creating purchase orders, tracking and scheduling vehicle maintenance, and assisting in minor reporting; and,

WHEREAS, with the recent addition of a contract Administrative Assistant, it allowed O&M to take the Operator out of the office and put them into the field which has been a tremendous help; and,

WHEREAS, the Administrative Analyst position will provide analysis, implementation and monitoring of programs related to water, wastewater and recycle water; ensure compliance with State and Federal regulations; develop and maintain databases; perform regulatory reporting for Local, State and Federal agencies; perform procurement within the Operations and Maintenance Department, and perform related work as required; and,

WHEREAS, staff is recommending the addition of a new full-time employee (FTE) entitled Operations and Maintenance Administrative Analyst.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the Marina Coast Water District does hereby adopt Resolution No. 2020-26 to approve the new classification, job description, and the following salary range for this fiscal year:

Operations and Maintenance Administrative Analyst Salary Range 18 = \$65,810.90 - \$83,993.24

PASSED AND ADOPTED on April 20, 2020, 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 _____

Thomas P. Moore, President

ATTEST:

Keith Van Der Maaten, 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. 2020-25 adopted April 20, 2020.

Keith Van Der Maaten, Secretary

ADMINISTRATIVE ANALYST

DEFINITION

Under general supervision, provides analysis, implementation and monitoring of programs related to water, wastewater and recycle water; ensures compliance with State and Federal regulations; develops and maintains databases; performs regulatory reporting for Local, State and Federal agencies; performs procurement within the Operations and Maintenance Department, and performs related work as required.

SUPERVISION RECEIVED AND EXERCISED

General direction is given by the Operations and Maintenance Manager. No direct supervision of staff is exercised.

CLASS CHARACTERISTICS

This is a single class position that is responsible for planning and coordinating of District wide water and wastewater analysis. The incumbent coordinates the required sampling analysis with contract labs to ensure the District maintains compliance. Incumbent is also responsible for providing technical reports to State and Local Air boards, County Health Departments, and the California Waterboards. This position will require the frequent use of tact, discretion, and independent judgment as well as knowledge of State regulations and departmental functions. The work requires the interpretation and application of policies, procedures and regulations and involves frequent contact with the regulators and the public.

EXAMPLES OF DUTIES (Illustrative Only)

- Oversees the District's sampling program to ensure compliance with State and Federal requirements.
- Prepare the District's annual Consumer Confidence Report (CCR).
- Assists in preparing the annual Waterboards Report.
- Assists in preparing monthly State Drinking Water Reports.
- Ensures vehicle and off-road compliance with California Air Resources Board and prepares annual DOORS report.
- Ensures compliance with local Air Resources Control Board and compiles data and submits reports to Air Boards upon request.
- Prepares annual County Health CERS reporting.
- Prepares backflow notices and mails out to District customers.
- Inputs backflow data into District's database, and coordinates with backflow testers when issues arise in reports.
- Compiles and assists in the preparation of statistical and regulatory reports.
- Keeps track of safety requirements for Operation's Staff and sets up required training.
- Provides purchasing and requisition request from Operations and Maintenance staff, including compiling and completing Purchase Orders.
- Schedules vehicles for routine maintenance and emergency repair.
- Attends to a variety of office administrative details, such as keeping informed of District activities, attending meetings, transmitting information, arranging for equipment

maintenance, and researching and scheduling training for safety and contact hours for Operation's personnel.

- Develops office support procedures, forms, and systems to meet department needs.
- Secures and compares information regarding price, quality, availability and other pertinent data for material, supply and equipment purchases; analyze and make recommendations.
- Coordinates activities with and provide information to outside contractors and service suppliers.
- Assists in the development of new program elements and program modifications as necessary to meet stated goals and objectives.
- Receives and screens visitors and telephone calls; provides information to District staff, regulatory agencies, other organizations and the public, requiring the use of judgment and the interpretation of policies, rules, procedures and ordinances.
- Prepares detailed correspondence, reports, forms, invitations, graphic materials and specialized documents from drafts, notes, brief instructions, dictation, or corrected copy, proofreads materials for accuracy, completeness, compliance with District policies, format and English usage, including grammar, punctuation and spelling.
- Operates standard office equipment, including job-related computer hardware and software applications, facsimile equipment and multi-line telephones; may operate a two-way radio or other department-specific equipment.
- Organizes and maintains various administrative, departmental, reference and follow-up files; purges files as required.
- Assists in preparation of bid documents, contracts, and provides liability and insurance requirements, bonds, and performance warranty management.

QUALIFICATIONS

Knowledge of:

- Basic organization and function of public agencies, including the role of an elected District Board.
- State and Federal safe drinking water regulations.
- Principles of Cross Connection and types of Backflow assemblies.
- Applicable codes, regulations, policies, technical processes and procedures.
- Standard office administrative practices and procedures, including the use of standard office equipment.
- Business letter writing and the standard format for reports and correspondence.
- Computer applications related to the work, including word processing, PowerPoint, database and spreadsheet applications.
- Records management principles and practices.
- Techniques of contract administration, preparation and monitoring for a public agency which includes purchasing and construction.
- Techniques for providing a high level of customer service to the public and District staff, in person and over the telephone.

Skill in:

- Providing varied and responsible analytical and office administrative work requiring the use of independent judgment, tact and discretion.
- Planning, organizing and managing assigned technical and procedural functions.
- Prioritizing reporting and projects to ensure minimal disruption of day to day operations.
- Working with outside vendors and ELAP certified Laboratories.

- Interpreting and implementing policies, procedures, technical processes and computer applications related to the department.
- Analyzing and resolving office administrative and procedural concerns.
- Performing advanced research and preparing reports and recommendations.
- Composing correspondence and reports independently or from brief instructions.
- Making accurate arithmetic and statistical calculations.
- Using English effectively to communicate in person, over the telephone and in writing.
- Using initiative and independent judgment within established policy and procedural guidelines.
- Organizing own work, initiating processes, coordinating projects, setting priorities, meeting critical deadlines and following up on assignments with a minimum of direction.
- Taking a proactive approach to customer service issues.
- Making process improvement changes to streamline procedures.
- Word processing at a net speed of 50 words per minute from printed copy.
- Establishing and maintaining effective working relationships with those contacted in the course of work.

Education:

Possession of bachelor's degree from an accredited college in Business or water related science.

Experience:

Three years of responsible administrative experience. One-year experience in working within a water or wastewater municipality is highly desirable.

License:

Must possess a valid California class C driver's license and have a satisfactory driving record.

Physical Demands:

Must possess mobility to work in a standard office setting and perform minor field work. Must be able to use standard office equipment, including a computer; vision to read printed materials and a computer screen; hearing and speech to communicate in person and over the telephone; and mobility to work in outdoor conditions to perform inspection and related activities.

Other Requirements:

Occasional attendance at off-hours meetings is required.

Marina Coast Water District
Agenda Transmittal

Agenda Item: 10-F

Meeting Date: April 20, 2020

Prepared By: Rose Gill

Approved by: Keith Van Der Maaten

Agenda Title: Consider Adoption of Resolution No. 2020-26 to Approve the Restructuring of the Accounting Department and the New Classification, Job Description and Salary Range for an Accountant

Staff Recommendation: Adopt Resolution No. 2020-26 to Approve the Restructuring of the Accounting Department and the New Classification, Job Description and Salary Range for an Accountant.

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.*

Over the past several years, the volume of work in Accounting has increased exponentially. In order to meet District and department deadlines, staff has been working a high volume of overtime, the Accounting Supervisor in particular. While the department has been able to meet the increased workload and also accomplish debt re-financing, new debt financings, manage grant and contributions for the Regional Urban Water Augmentation Projects (RUWAP) and Ground Water Sustainability Planning, it is not feasible to continue to meet these tasks through overtime. Staff concludes that it would better serve the District's accounting needs and the needs of the Accounting staff by reorganizing the department.

Discussion/Analysis: Staff is recommending the elimination of the Accountant I/II classification, the reclassification of the Accountant I position to Accounting Technician and the addition of a new full-time employee (FTE) entitled Accountant.

Initially, when the Accountant I/II classification was created, the Accountant I position duties encompassed payroll and other accounting duties and the Accountant II position included supervisory duties as well as the more complex accounting and financial reporting of the District. Based on the classification study in FY 2017-2018, the Accountant II position was reclassified to the Accounting Supervisor position thus eliminating the need for the I/II classification for Accountant.

By eliminating the Accountant I/II classification and creating a single classification of Accountant, the majority of the Accountant I position duties, namely payroll processing, will be added to the Accounting Technician classification. The Accounting Technicians will be cross trained in both accounts payable and payroll in order to provide coverage. The other accounting duties will be absorbed by the Accountant position who will also perform some of the more routine duties previously performed by the Accounting Supervisor such as Purchase Order, Accounts Payable, Payroll batch review, routine journal entries, bank reconciliations, etc. that take up much of the Supervisor's time during normal work hours thus reducing the need for the large amount of overtime.

Koff & Associates were contacted and recommended reclassing the Accounting Technician salary range from range 13 to range 15 due to the required knowledge and skills related to both accounts payable and payroll functions. Koff also reviewed the proposed Accountant position job description and recommended a salary range of 21 for the position which is market comparable and accurately fits within the proposed reorganization of the department.

The proposed annual market salary ranges would be:

Position	Current		Recommended		Difference
	Range	Annual \$	Range	Annual \$	
Accounting Technician	13	\$ 74,238	15	\$ 77,996	\$ 3,758
Accountant		\$ -	21	\$ 78,135	\$ 78,135
Accounting Supervisor	31	\$ 115,786	31	\$ 115,786	\$ -

The benefits for the Accountant position would total approximately \$51,000. The total fiscal impact of the reorganization is approximately \$133,000 which would be partially offset with overtime savings of approximately \$52,000 for a net increase in wages and benefit costs of \$81,000. Staff therefore recommends approval of the reorganization of the Accounting Department and the Accountant position to be approved such that the recruitment would result in a start date of July 1, 2020 in coordination with the FY 2020-2021 budget.

Environmental Review Compliance: None required.

Financial Impact: Yes No Funding Source/Recap: Marina Water and Ord Water Cost Centers

Other Considerations: The Board can decide to remain status quo with the staffing level but they would need to hire consultants to assist in completing work.

Material Included for Information Consideration: [Resolution No. 2020-26](#); and, [Accountant Job Description](#).

Action Required: Resolution Motion Review
(Roll call vote is required)

Board Action

Motion By _____ Seconded By _____ No Action Taken _____

Ayes _____ Abstained _____

Noes _____ Absent _____

April 20, 2020

Resolution No. 2020-26
Resolution of the Board of Directors
Marina Coast Water District
Approving the Restructuring of the Accounting Department
and the New Classification, Job Description and Salary Range for an Accountant

RESOLVED by the Board of Directors (“Directors”) of the Marina Coast Water District (“District”), at a meeting duly called and held on April 20, 2020, via a videoconference pursuant to Gov. Newsom’s Executive Order N-29-20, as follows:

WHEREAS, over the past several years, the volume of work in Accounting has increased exponentially and in order to meet District and department deadlines, staff has been working a high volume of overtime, the Accounting Supervisor in particular; and,

WHEREAS, while the department has been able to meet the increased workload and also accomplish debt re-financing, new debt financings, manage grant and contributions for the Regional Urban Water Augmentation Projects (RUWAP) and Ground Water Sustainability Planning, it is not feasible to continue to meet these tasks through overtime and it would better serve the District’s accounting needs and the needs of the Accounting staff by reorganizing the department; and,

WHEREAS, Koff & Associates were contacted and recommended reclassing the Accounting Technician salary range from range 13 to range 15 due to the required knowledge and skills related to both accounts payable and payroll functions and a salary range of 21 for the Accountant position which is market comparable and accurately fits within the proposed reorganization of the department; and,

WHEREAS, the total fiscal impact of the reorganization is approximately \$133,000 which would be partially offset with overtime savings of approximately \$52,000 for a net increase in wages and benefit costs of \$81,000.

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

1. Eliminates the Accountant I/II classification.
2. Reclassifies the Accountant I position to an additional Accounting Technician position.
3. Creates the classification, job description of an Accountant position at salary range 21.

PASSED AND ADOPTED on April 20, 2020, 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 _____

Thomas P. Moore, President

ATTEST:

Keith Van Der Maaten, 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. 2020-26 adopted April 20, 2020.

Keith Van Der Maaten, Secretary

ACCOUNTANT ~~I/II~~

DEFINITION

Under general ~~direction supervision~~ of the ~~Director of Administrative Services~~ Accounting Supervisor, performs detailed professional accounting, administrative and technical work in support of the District's financial, auditing and treasurer programs, including reviewing work and providing work direction and training to technical and office support staff in the Accounting Division; demonstrates a full understanding of policies and procedures and work methods associated with assigned duties; and performs other duties as required.

SUPERVISION RECEIVED AND EXERCISED

General supervision is given by the ~~Director of Administrative Services~~ Accounting Supervisor and the Director of Administrative Services. May supervise technical and support staff in the absence of the Accounting Supervisor.

CLASS CHARACTERISTICS

Accountant I

~~This is the entry level class within the professional Accountant series. Initially, incumbents with experience learn District systems, operations, practices, and procedures. As experience is gained, assignments become more varied and are performed with greater independence. Assignments may vary with skill and training of the incumbent. This class is flexibly staffed with the Accountant II and incumbents may advance to the higher level after gaining the knowledge, skills, and experience which meet the qualifications of the higher level class and after demonstrating the ability to perform the work of the higher level class. Advancement from the Accountant I level to the Accountant II level is in accordance with District policies and procedures, including receiving recommendation for advancement from the respective Department Manager or designee.~~

Accountant II

~~This is the journey level classification is that of a lead in the department within the professional Accountant series. This class is distinguished from the Accounting Technician I by the assignment of the full range of duties. Employees at this level receive only occasional instruction or assistance as new or unusual situations arise. Positions may be filled by advancement from the Accountant I level, or by recruiting an outside candidate with substantial accounting, budgeting, auditing, and financial experience. Incumbents are expected to perform a wide variety of professional accounting duties with only occasional instruction or assistance. Adequate performance at this level requires the knowledge of departmental or office procedures and precedents and the ability to choose among alternatives in solving many problems. An Accountant II is expected to work productively in the absence of a supervisor. Work is normally reviewed upon completion and for overall results. This class is distinguished from the Director of Administrative Services Accounting Supervisor in that the latter has overall responsibility for the Finance Department full supervisory responsibilities over the accounting staff.~~

EXAMPLES OF DUTIES (Illustrative Only)

Accountant I:

- Provides responsible professional and technical assistance in the administration and implementation of the District's financial, auditing, and accounting programs.
- Assists in Ensuring the integrity of the general ledger, including evaluating and analyzing transactions, ~~implementing accounting procedures,~~ and preparing accurate and timely financial analyses and reports.
- May assist with the preparation of ~~the Accounting department budget~~ quarterly and annual financial statements.
- ~~➤ Ensures that reporting requirements of various federal, state and private agencies related to the accounting function are met.~~
- ~~➤ Coordinates with internal/external consultants to update rates, fees, assessments; prepares and submits Board documents if required and coordinates with management the necessary notifications and publications.~~
- ~~➤ Performs duties related to payroll, accounts payable, general ledger, and fixed assets to ensure compliance is maintained; performs follow up procedures when compliance is not being maintained.~~ Reviews and commits all accounts payable invoice and payroll batches in the financial software system.
- Reconciles all cash accounts.
- Prepares and distributes monthly and periodic journal entries and reconciliations in preparation of monthly, quarterly and year-end closings financial reports.
- Performs analysis, research, journal entries and schedules during year-end closing.
- ~~➤ Operates standard office equipment, including job related computer hardware and software applications, facsimile equipment and multi line telephones; may operate other department specific equipment.~~
- ~~➤ Annually Tracks and processes purchase orders; reviews invoices and reports for accuracy and appropriate authorization; ensures that funds are budgeted and available and prepares documentation for payment; enters and verifies data into the automated accounts payable system to produce payment.~~
- ~~➤ Calculates and prepares payments for employee insurances, retirement, taxes and other employee deductions and benefits.~~
- Prepares and distributes payroll tax forms and vendor 1099's forms, n an annual basis as well as other forms and reports required by law.
- ~~➤ Establish and maintain effective working relationships and act in a courteous manner when interacting with the public, Board members, vendors, contractors and District staff in person and over the telephone.~~

Accountant II: (In addition to the above)

- Participates ~~May assist in a lead capacity i~~ in the preparation of the District's Operating ~~ion~~ budget.
- ~~➤ Oversees and directs the preparation of annual financial statements and note, such as the preparation and submittal of the Comprehensive Annual Financial Report (CAFR) as well as the State Controller's Report.~~
- Assists in the coordination of the annual audits and assumes a lead role as needed, such as preparing the necessary documentation and serving as a liaison to the auditing team.
- ~~➤ May Develops, implements, and maintains internal services cost accounting procedures.~~

- ~~Interprets reimbursement agreements and implements special accounting for adequate tracking and reporting.~~
- ~~Monitors District cash flow, purchases investments in accordance with the District's Investment Policy and California Government Code; initiates wire transfers; maintains investment activity in portfolio management software.~~
- ~~Interprets, explains and applies general and governmental accounting/auditing principles and procedures, laws and regulations affecting the financial operations of municipal government.~~
- ~~Provides training to lower-level staff.~~
- ~~Prepares and analyzes cash and investment reports for the Board of Directors as well as statement of revenues and expenditures.~~
- ~~Performs analysis, research, journal entries and schedules during year end closing and research relating to assigned area. Operates standard office equipment, including job-related computer hardware and software applications, facsimile equipment and multi-line telephones; may operate other department-specific equipment.~~
- ~~Establish and maintain effective working relationships and act in a courteous manner when interacting with the public, Board members, vendors, contractors and District staff in person and over the telephone.~~
-

QUALIFICATIONS

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill and/or ability required. Reasonable accommodations may be made to assist individuals with disabilities to perform the essential functions.

Accountant I:

Knowledge:

- Modern principles, practices and methods of public and governmental accounting and financing, including program budgeting, cost accounting, and auditing and their application to municipal operations.
- General principles and practices of data processing and its applicability to accounting and municipal operations.
- Basic and advanced arithmetic and statistical techniques.
- Applicable Federal and State laws; District and Department regulations, codes, policies, and procedures.
- Basic standard office practices and procedures, including the use of standard office equipment.
- Computer applications related to the work, including word processing and spreadsheet applications.
- Recordkeeping principles and procedures.
- Techniques for dealing effectively with the public, vendors, contractors and District staff, in person and over the telephone.

Skills:

- Build and maintain positive working relationships with the public, vendors, District staff and Board members.

- Accurately respond to inquiries in person or by telephone of accounting functions and analysis.
- Read, write and speak English effectively to communicate in person or over the telephone.
- Analyzing data and information using established criteria in order to identify and select alternatives.
- Organize and prioritize a variety of projects and multiple tasks in an effective and timely manner.
- ~~➤ Use tact, initiative, prudence, and independent judgment within general policy and legal guidelines.~~

Abilities:

- Perform professional accounting work; examine, audit, analyze, interpret, prepare and verify fiscal, financial, and statistical records and reports.
- ~~➤ Understand and interpret principles, laws and procedures involved in fiscal recordkeeping and accounting functions including federal and state laws, District policies, contracts, ordinances, and resolutions.~~
- Prepare clear and concise reports, correspondence, policies, procedures, and other written materials.
- Make accurate arithmetic, financial, and statistical computations.
- Understand written sentences and paragraphs in work-related documents.
- Organize and prioritize a variety of projects and multiple tasks in an effective and timely manner; organize own work, set priorities and meet crucial time deadlines.
- Operate modern office equipment including computer equipment and specialized software applications and programs, including specific spreadsheet and database programs at an intermediate to advanced level.
- Use tact, initiative, prudence, and independent judgment within general policy and legal guidelines.
- Establish and maintain effective working relationships with those contacted in the course of the work.

Accountant II

~~All knowledge, skills and abilities as that of the Accountant I required including:~~

- ~~➤ Basic principles and practices of supervision and training.~~
- ~~➤ Principles and practices of governmental accounting to include revenue, debt, budgeting, revenue forecasting and investing.~~
- Analyze financial data and draw sound conclusions.
- ~~➤ Modify existing policies, strategies, and/or methods to meet unusual conditions.~~
- ~~➤ Evaluate and develop improvements in operations, procedures, policies or methods.~~
- ~~➤ Identify and take appropriate action when unusual operating issues occur.~~

Education and Experience:

To qualify, a successful incumbent must possess both education and experience, which would provide the required knowledge and abilities. Experience may not substitute for education. However, the requirement for equivalent to a Bachelor's degree could be met by demonstrating completion of a number of higher-level educational units that would normally meet a Bachelor degree requirement. Minimum requirements to obtain the requisite knowledge and abilities are:

Accountant I:

~~Associate's degree with coursework in accounting, business administration or a related field and a minimum of two (2) years experience performing accounting related duties.~~

Accountant II:

Equivalent to a Bachelor's degree from an accredited college or university with major coursework in accounting, business administration or a related field and five (5) years of increasingly responsible professional accounting experience.

Licenses or Certifications:

Possession of a valid California Class C Driver's License and the ability to be insured for the operation of a District vehicle in accordance with the terms and conditions of the District's insurance program.

Physical Demands:

Must possess mobility to work in a standard office setting including standing, walking, sitting, kneeling, stooping, reaching overhead and below waist level. Use of standard office equipment, including a computer; vision to read printed materials and a computer screen; and hearing and speech to communicate in person, over the telephone.

FLSA Status: **Non-exempt eligible for overtime**

Bargaining Unit: **MCWD Employees Association**

Marina Coast Water District
Agenda Transmittal

Agenda Item: 10-G

Meeting Date: April 20, 2020

Prepared By: Paula Riso

Approved By: Keith Van Der Maaten

Agenda Title: Consider Providing Direction to the Board President Regarding the Election of One Special District Representative to the Local Agency Formation Commission of Monterey County

Staff Recommendation: The Board of Directors provide direction to the Board President regarding the election to fill one Special District seat on the Local Agency Formation Commission of Monterey County (LAFCO).

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.*

Discussion/Analysis: On March 31, 2020, LAFCO sent an Official Ballot to elect one Special District regular member seat with a term that will expire in May 2024. The three candidates are MCWD Director, Peter Le; Monterey County Regional Fire District Director, Warren “Pete” Poitras; and, North Monterey County Fire Protection District Director, Jacqueline Simon.

Ballots must be received by LAFCO by May 8, 2020 at 5:00 p.m.

Environmental Review Compliance: None required.

Financial Impact: Yes No Funding Source/Recap: None.

Other Considerations: The Board can decide not to vote for any nominee running for office.

Material Included for Information/Consideration: [LAFCO Official Ballot](#) dated March 31, 2020.

Action Required: Resolution Motion Review

Board Action

Motion By _____ Seconded By _____ No Action Taken _____

Ayes _____ Abstained _____

Noes _____ Absent _____

2020

Commissioners

Chair

Matt Gourley
Public Member

Vice Chair

Ian Oglesby
City Member

Luis Alejo
County Member

Joe Gunter
City Member

Mary Ann Leffel
Special District Member

Christopher Lopez
County Member

Warren E. Poitras
Special District Member

Maria Orozco
City Member, Alternate

Jane Parker
County Member, Alternate

Steve Snodgrass
Public Member, Alternate

Graig R. Stephens
Special District Member, Alternate

Counsel

Kelly L. Donlon
General Counsel

Executive Officer

Kate McKenna, AICP


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

P. O. Box 1369
Salinas, CA 93902

Voice: 831-754-5838

www.monterey.lafco.ca.gov

MEMORANDUM

DATE: March 31, 2020
TO: Independent Special District General Managers, Fire Chiefs, and CEOs
FROM: Kate McKenna, AICP, Executive Officer 
SUBJECT: Ballot for Election of LAFCO Commissioner – Special District
Regular Member (Due May 8, 2020)

This memorandum transmits a ballot, voting instructions and candidate information for the election of one Independent Special District Regular Member to serve a four-year term on the Local Agency Formation Commission of Monterey County. Please forward the ballot and information to the legislative body of your District for voting and signature by the presiding officer (Board President) or designee. Vote for one of the three candidates. The deadline to return the ballot is May 8, 2020. LAFCO may extend this deadline if more time is needed to obtain ballots from a majority of Districts.

Thank you for participating in the election process. Please contact me if you have any questions.

Enclosures:
Ballot and Voting Instructions
Candidate Information

LAFCO *of Monterey County*

LOCAL AGENCY FORMATION COMMISSION OF MONTEREY COUNTY

March 31, 2020

OFFICIAL BALLOT OF THE INDEPENDENT SPECIAL DISTRICT SELECTION COMMITTEE

FOR ELECTION OF ONE REGULAR SPECIAL DISTRICT REPRESENTATIVE TO LAFCO

Voting Instructions:

1. The presiding officer of the legislative body of the District or the legislative body's alternate officer is authorized to vote. Please vote for one candidate. A majority of Districts must return ballots in order to conclude the election. The candidate receiving the most votes will be elected to a Regular Member seat.
2. Please return this ballot to LAFCO of Monterey County at P.O. Box 1369, Salinas, CA 93902 or at 132 W. Gabilan Street, Suite 102, Salinas, CA 93901, or by FAX at 831-754-5831.
3. **Deadline** - Ballots must be received in the LAFCO office by **May 8, 2020 at 5:00 p.m.** LAFCO may extend this deadline if more time is needed to obtain ballots from a majority of Districts.

PLEASE VOTE FOR 1 CANDIDATE (REGULAR MEMBER SEAT):

- Peter Le (Marina Coast Water District)
- Warren ("Pete") Poitras (Monterey County Regional Fire District)
- Jacqueline Simon (North Monterey County Fire Protection District)

VOTING MEMBER SIGNATURE: _____

INDEPENDENT SPECIAL DISTRICT: _____

DATE: _____

LAFCO of Monterey County

LOCAL AGENCY FORMATION COMMISSION OF MONTEREY COUNTY

KATE MCKENNA, AICP
Executive Officer

INDEPENDENT SPECIAL DISTRICT SELECTION COMMITTEE

NOMINATION FORM TO DECLARE CANDIDACY AND REQUEST NAME AND STATEMENT ON BALLOTS FOR ONE REGULAR POSITION ON THE LOCAL AGENCY FORMATION COMMISSION OF MONTEREY COUNTY

Due Date: March 30, 2020

Nominations will be considered to fill one Independent Special District Representative (Regular) seat on the Local Agency Formation Commission of Monterey County. The seat has a four year term that will expire in May 2024.

Nomination Deadline and Process:

Nominations must be received in the LAFCO Office by March 30, 2020 at 5:00 p.m. Qualified persons may submit their own nominations using this form (no Board action is needed). You may email the completed form to mckennak@monterey.lafco.ca.gov OR mail it to P.O. Box 1369, Salinas, CA 93902 OR hand-deliver it to 132 W. Gabilan Street, Suite 102 in Salinas.

Nomination Statement:

"I, PETER LE, hereby declare myself a candidate for the election to the position of Regular or Alternate Commissioner of the LAFCO of Monterey County. I am an elected or appointed Monterey County Independent Special District board member or trustee residing within the county and not a member of a legislative body of a city or county. I request my name be placed on the official ballot and, if elected, I will qualify and accept the office of Regular or Alternate LAFCO Commissioner for which I am selected and serve to the best of my ability."

Nominee Information:

Name: PETER LE
Address: 3282 BEGONIA CIR, MARINA, CA 93933
Phone and e-mail: (831) 402-2455, PETER381@SBCGLOBAL.NET
District represented: MARINA COAST WATER DISTRICT
Your position with the District: DIRECTOR
Number of years as a District Board Member or Trustee: 5

Candidate Statement for the Ballot:

Please give reasons for wanting to be an elected LAFCO Commissioner and briefly summarize qualifications and background:

I HAVE LIVED IN MARINA FOR 39 YEARS. I AM A CALIFORNIA LICENSED CIVIL ENGINEER. I AM RETIRED NOW. PREVIOUSLY, I WORKED FOR CITY OF SALINAS, CITY OF MARINA, COUNTY OF MONTEREY, AND CITY OF SOLEDAD.

LAFCO COULD USE MY KNOWLEDGE OF LOCAL GOVERNMENTS,
INFRASTRUCTURES, DEVELOPMENTS, SPHERES OF INFLUENCE, AND ANNEXATION
IN PERFORMING ITS FUNCTIONS.

I SERVED MY FIRST TERM AS DIRECTOR OF MARINA COAST WATER DISTRICT
FROM 2012 TO 2015. I WAS RE-ELECTED IN 2018 FOR 4-YEAR TERM.

PLEASE LET ME KNOW IF YOU NEED ANY ADDITIONAL INFORMATION.

Signed:

Peter Le

Name (Print):

PETER LE

Date:

MARCH 17, 2020

Thank you for your interest in serving on LAFCO of Monterey County.

LOCAL AGENCY FORMATION COMMISSION OF MONTEREY COUNTY

KATE McKENNA, AICP
Executive Officer

INDEPENDENT SPECIAL DISTRICT SELECTION COMMITTEE

NOMINATION FORM
TO DECLARE CANDIDACY AND REQUEST NAME AND STATEMENT ON BALLOTS
FOR ONE REGULAR POSITION ON
THE LOCAL AGENCY FORMATION COMMISSION OF MONTEREY COUNTY

Due Date: March 30, 2020

Nominations will be considered to fill one Independent Special District Representative (Regular) seat on the Local Agency Formation Commission of Monterey County. The seat has a four year term that will expire in May 2024.

Nomination Deadline and Process:

Nominations must be received in the LAFCO Office by **March 30, 2020** at 5:00 p.m. Qualified persons may submit their own nominations using this form (no Board action is needed). You may email the completed form to mckennak@monterey.lafco.ca.gov OR mail it to P.O. Box 1369, Salinas, CA 93902 OR hand-deliver it to 132 W. Gabilan Street, Suite 102 in Salinas.

Nomination Statement:

"I, Warren "Pete" Poitras, hereby declare myself a candidate for the election to the position of Regular or Alternate Commissioner of the LAFCO of Monterey County. I am an elected or appointed Monterey County Independent Special District board member or trustee residing within the county and not a member of a legislative body of a city or county. I request my name be placed on the official ballot and, if elected, I will qualify and accept the office of Regular or Alternate LAFCO Commissioner for which I am selected and serve to the best of my ability."

Nominee Information:

Name: Warren "Pete" Poitras
Address: 13 Via Las Encinas Carmel Valley, CA 93924
Phone and e-mail: (831) 659-3837 – email: info@weddingphotographer Carmel.com
District represented: Monterey County Regional Fire District
Your position with the District: Board President
Number of years as a District Board Member or Trustee: 11 years

Candidate Statement for the Ballot:

Please give reasons for wanting to be an elected LAFCO Commissioner and briefly summarize qualifications and background:

Over the next four years, special districts will likely experience a significant increase in annexations sought by some of the larger cities in Monterey County. This has the potential to impose substantial revenue reductions upon special districts abutting these municipalities unless care is taken to ensure fair and equitable property tax revenue sharing agreements are implemented as the annexation unfolds. As a LAFCO commissioner, I will continue to ensure the interests of all special districts are strongly represented.

In addition, the pending dissolution of the Fort Ord Reuse Authority (FORA), which will cease to exist effective July 1, 2020, also represents significant challenges for LAFCO, and by extension special districts. State law in the form of the FORA Act has mandated that LAFCO shall "provide for the orderly dissolution of the authority" by June 30, 2020. As a result, significant LAFCO exposure to future litigation involving FORA-related actions, including but not limited to: transition plan implementation steps, enforcement of FORA contracts, or transfer of FORA's assets and/or liabilities which LAFCO will be obligated to defend as it undertakes its dissolution oversight role. Currently, FORA has allocated only \$500,000 for litigation-related costs that are likely to be incurred as LAFCO carries out its obligations under the law. As a commissioner, my goal is to keep special districts' annual LAFCO costs as low as possible.

I have now served eight years as a commissioner, including one as the Commission's Chair. This has provided invaluable experience, enabling me to effectively represent the interests of all special districts as a LAFCO Commissioner.

For more than 10 years I have served as a board member of the Monterey County Regional Fire District (MCRFD), the last six as its president. The District encompasses more than 400 square miles of unincorporated area, including the Chualar and Gonzales areas in the south, northward surrounding the City of Salinas, west along the Highway 68 corridor and over the hill to Carmel Valley. I am the current Vice President of the Special Districts Association of Monterey County, and have served two years as its President. I would be honored to continue representing Special Districts as a Monterey County LAFCO Commissioner and humbly ask for your endorsement.

Signed: 

Name (Print): Warren "Pete" Poitras

Date: 03-05-20

Thank you for your interest in serving on LAFCO of Monterey County.

LAFCO of Monterey County

LOCAL AGENCY FORMATION COMMISSION OF MONTEREY COUNTY

KATE MCKENNA, AICP
Executive Officer

INDEPENDENT SPECIAL DISTRICT SELECTION COMMITTEE

NOMINATION FORM TO DECLARE CANDIDACY AND REQUEST NAME AND STATEMENT ON BALLOTS FOR ONE REGULAR POSITION ON THE LOCAL AGENCY FORMATION COMMISSION OF MONTEREY COUNTY

Due Date: March 30, 2020

Nominations will be considered to fill one Independent Special District Representative (Regular) seat on the Local Agency Formation Commission of Monterey County. The seat has a four year term that will expire in May 2024.

Nomination Deadline and Process:

Nominations must be received in the LAFCO Office by March 30, 2020 at 5:00 p.m. Qualified persons may submit their own nominations using this form (no Board action is needed). You may email the completed form to mckennak@monterey.lafco.ca.gov OR mail it to P.O. Box 1369, Salinas, CA 93902 OR hand-deliver it to 132 W. Gabilan Street, Suite 102 in Salinas.

Nomination Statement:

"I, Jacqueline P. Simon, hereby declare myself a candidate for the election to the position of Regular or Alternate Commissioner of the LAFCO of Monterey County. I am an elected or appointed Monterey County Independent Special District board member or trustee residing within the county and not a member of a legislative body of a city or county. I request my name be placed on the official ballot and, if elected, I will qualify and accept the office of Regular or Alternate LAFCO Commissioner for which I am selected and serve to the best of my ability."

Nominee Information:

Name: Jacqueline P. Simon
Address: Simon Park 191 HWY 156 Bldg. 32 Castroville, Ca. 95012
Phone and e-mail: 831-240-6829 Email: jcs.ventura.INC@gmail.com
District represented: North Monterey County Fire Protection District
Your position with the District: VICE PRESIDENT
Number of years as a District Board Member or Trustee: 14 years

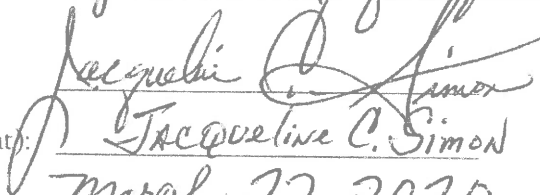
Candidate Statement for the Ballot:

Please give reasons for wanting to be an elected LAFCO Commissioner and briefly summarize qualifications and background:

I have enjoyed providing 14 years of service as an elected Board member with North County Fire Protection District. I would appreciate the opportunity to continue my service to the Public and the Local Agency

Formation Commission. I have experience and expertise in organizational development and strategic planning. I am a Team Player, a good listener. THANK you for taking the time to Review my attached qualifications.

Signed:



Name (Print):

Jacqueline C. Simon

Date:

March 22, 2020

Thank you for your interest in serving on LAFCO of Monterey County.

Marina Coast Water District
Agenda Transmittal

Agenda Item: 11-A

Meeting Date: April 20, 2020

Submitted By: Kelly Cadiente

Approved By: Keith Van Der Maaten

Agenda Title: Receive Presentation on Draft District FY 2020-2021 Budget, Rates, Fees and Charges for the Marina and Ord Community Service Areas and Provide Direction Regarding Preparation of the Final Budget Documents

Staff Recommendation: The Board receives the presentation on the draft District budget for FY 2020-2021 and provides direction to staff regarding preparation of the final budget documents.

Background: *Strategic Plan, Objective No. 3 – 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.*

On March 16, 2020, the Board originally set the date for the FY 2020-2021 Budget Workshop for April 6, 2020. The workshop was re-scheduled to April 20, 2020 due to the need to implement remote meeting capability in order to meet with the Shelter in Place Orders in relation to COVID-19.

Discussion/Analysis: The Draft 2020-2021 District Budget was distributed to the Board on April 15, 2020 for review in preparation for the budget workshop. Edits and further revisions are anticipated based on discussions by the Board of the Draft Budget and on items for consideration by the Board on the April 20, 2020 Board agenda.

Environmental Review Compliance: None.

Financial Impact: Yes No Funding Source/Recap: None

Materials Included for Information/Consideration: [Draft FY 2020-2021 Budget Document dated April 20, 2020 \(provided separately\)](#).

Action Required: Resolution Motion Review

Board Action

Motion By _____ Seconded By _____ No Action Taken _____

Ayes _____ Abstained _____

Noes _____ Absent _____

Marina Coast Water District
Agenda Transmittal

Agenda Item: 11-B

Meeting Date: April 20, 2020

Prepared By: Michael Wegley

Approved By: Keith Van Der Maaten

Agenda Title: Receive Draft District Five-Year Capital Improvement Projects Budget for the Marina and Ord Community Service Areas and Provide Direction Regarding Preparation of the Final CIP Budget Documents

Staff Recommendation: The Board of Directors receive the District draft Five-Year Capital Improvement Projects (CIP) Budget overview for the Marina and Ord Community Service Areas and provide direction to staff to include preparation of the final budget documents.

Background: *Strategic Plan, Goal No. 3.6 - Fiscal reserves management for the maintenance/replacement/expansion of the District's infrastructure.*

Each year, the District follows a budget development process that results in Board approval of the annual budget. Annual update of the District's CIP follows the same schedule. The current budget was adopted on June 25, 2019.

Discussion/Analysis: The attached Five-Year CIP project list includes projects in progress in the current Fiscal Year (FY 2019-2020) and those required in future years. Projects needed in the next five years are shown with funding in the proposed FY, and the remaining projects are shown in "Out Years" (beyond FY 2024-2025). The Category column in the table indicates the project addresses an existing deficiency (E), a single development project (S), or multiple development projects (M). The majority of the projects needed address existing deficiencies (aging equipment requiring replacement, service mains which have failed in recent years, and water storage tanks). In the out years, the category EDS means Eastern Distribution System, which is the planned relocation of wells inland to avoid seawater intrusion, should that need arise.

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. The CIP includes the design and construction cost for the District's share in the recycled water pipeline.

Some of the projects have moved earlier or later compared to the FY 2019-2020 budget projection, due to the observed pace of redevelopment in the Ord Community and synchronizing pipeline projects with the related road improvements by the land use jurisdictions.

The highest priority wastewater project is replacement of the Ord Village Force Main and Lift Station Improvement Project. The Ord Village Lift Station is west of Seaside Highlands and Highway 1. The lift station pumps wastewater back across the Freeway and uphill to the Gigling lift station on the east side of Highway 1 to be pumped again. The Ord Village force main has ruptured and leaked many times over the years and needs replacement. Staff is working with the City of Seaside to relocate the lift station east of Highway 1 to eliminate crossing Highway 1 twice and be away from the State Park.

The A-Zone water storage reservoirs and B/C Booster pump station remains a high priority project. The District Board entered into an agreement with California State University in 2006 to locate the A-Zone reservoirs and B/C Booster pump station on the CSUMB campus. The District obtained easements for the project and is in the planning and design process. The tanks will be located at an elevation allowing fire flows to be met and improving operational efficiency. The B/C Booster pumps will be relocated from the sand tank next to the A-zone reservoirs boosting the water into the B- and C-Zones. Once completed and in operation the Sand Tank and existing B/C Booster Pump Station, which were constructed prior to 1963, will be demolished for development in Marina Heights.

Environmental Review Compliance: None.

Financial Impact: ___ Yes ___ **X** ___ No Funding Source/Recap: None

Other Considerations: The Board can suggest alternative projects.

Materials Included for Information/Consideration: [Attachment 1- Draft Five-Year CIP Budget Sheets.](#)

Action Required: ___ Resolution ___ Motion ___ **X** ___ Review

Board Action

Motion By _____ Seconded By _____ No Action Taken _____

Ayes _____ Abstained _____

Noes _____ Absent _____

Marina Coast Water District
DRAFT Five-Year CIP

CIP No.	PROJECT DESCRIPTION	FY 2019-20 Estimated	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed	OUT YEARS	TOTAL	CATEGORY
Marina Water										
MW-0111	Beach Road Pipeline	\$40,000	\$454,815	\$0	\$0	\$0	\$0	\$0	\$494,815	E
MW-0302	Crescent Ave Connector to Reservoir 2	\$20,000	\$196,000	\$0	\$0	\$0	\$0	\$0	\$216,000	E
MW-0303	Reindollar Replacement from Calif. Ave to Vaughn Ave	\$0	\$0	\$0	\$0	\$0	\$382,000	\$0	\$382,000	M
MW-0304	Armstrong Ranch Development	\$0	\$0	\$0	\$0	\$0	\$0	\$1,384,000	\$1,384,000	S
MW-0109	Lake Court Waterline Extension	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000	S
	Subtotal	\$60,000	\$650,815	\$0	\$0	\$0	\$382,000	\$1,884,000	\$2,976,815	
Marina Sewer										
MS-0143	Replace Lift Station No. 6 (Crescent)	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	E
MS-0202	Carmel Ave Sewer Main Improvement Project	\$0	\$60,000	\$330,000	\$0	\$0	\$0	\$0	\$390,000	E
MS-0138	Hillcrest Ave/Sunset Ave Sewer Main Imp. Project	\$0	\$0	\$0	\$60,000	\$300,000	\$0	\$0	\$360,000	E
MS-0141	Reservation Rd from Nicklas Lane to Crescent Ave.	\$0	\$0	\$0	\$0	\$598,000	\$0	\$0	\$598,000	E
MS-0172	Reservation Rd from Crescent to Seacrest	\$0	\$0	\$0	\$0	\$0	\$654,000	\$0	\$654,000	E
MS-0203	Abdy Way & Paul Davis Dr Sewer Main Imps Project	\$0	\$0	\$0	\$0	\$0	\$0	\$1,116,000	\$1,116,000	S
MS-0205	Del Monte/Reservation Road Sewer Main Imp. Project I	\$0	\$0	\$0	\$0	\$0	\$0	\$240,000	\$240,000	M
MS-0137	Del Monte/Reservation Road Sewer Main Imp. Project II	\$0	\$0	\$0	\$0	\$0	\$0	\$375,000	\$375,000	M
MS-0201	Armstrong Ranch Sewer Improvements	\$0	\$0	\$0	\$0	\$0	\$0	\$5,428,600	\$5,428,600	M
MS-0207	Marina WWTP Demolition	\$0	\$0	\$0	\$0	\$0	\$0	\$883,300	\$883,300	E
	Subtotal	\$100,000	\$60,000	\$330,000	\$60,000	\$898,000	\$654,000	\$8,042,900	\$10,144,900	

Category Legend

- E= CIP supports existing Infrastructure
- EDS= Eastern Distribution System (inland well-field)
- S= CIP supports a single parcel's or owner's project
- M= CIP supports projects for multiple parcels or owners

**Marina Coast Water District
DRAFT Five-Year CIP**

CIP No.	PROJECT DESCRIPTION	FY 2019-20 Estimated	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed	OUT YEARS	TOTAL	CATEGORY
Ord Water										
OW-0206	Inter-Garrison Road Pipeline Up-Sizing	\$772,400	\$0	\$0	\$0	\$0	\$0	\$0	\$772,400	M
OW-0193	Imjin Parkway Pipeline, Reservation Rd to Abrams Drive	\$51,000	\$800,000	\$0	\$0	\$0	\$0	\$0	\$851,000	E
OW-0202	South Boundary Road Pipeline	\$40,000	\$2,660,000	\$0	\$0	\$0	\$0	\$0	\$2,700,000	M
OW-0306	D-Zone Booster Pump Replacement	\$0	\$80,000	\$0	\$0	\$0	\$0	\$0	\$80,000	E
OW-0201	Gigling Transmission from D Booster to JM Blvd	\$0	\$125,000	\$785,000	\$0	\$0	\$0	\$0	\$910,000	E
OW-0204	2nd Ave Connection, Reindollar to Imjin Pkwy	\$0	\$0	\$1,215,000	\$0	\$0	\$0	\$0	\$1,215,000	E
OW-0230	Wellfield Main 2B -Well 31 to Well 34	\$0	\$0	\$170,000	\$1,115,000	\$0	\$0	\$0	\$1,285,000	E
OW-0127	CSUMB Pipeline Up-Sizing -Commercial Fireflow	\$0	\$0	\$100,000	\$198,000	\$0	\$0	\$0	\$298,000	E
OW-0203	7th Avenue and Gigling Rd	\$0	\$0	\$0	\$70,000	\$200,000	\$0	\$0	\$270,000	E
OW-0129	Rehabilitate Well 31	\$0	\$0	\$0	\$0	\$1,710,000	\$0	\$0	\$1,710,000	E
OW-0211	D-Zone pipeline in Eastside Parkway Alignment	\$0	\$0	\$0	\$0	\$420,000	\$2,500,000	\$0	\$2,920,000	M
OW-0209	Pipeline Up-Sizing -between Dunes & MainGate	\$0	\$0	\$0	\$0	\$0	\$300,000	\$0	\$300,000	M
OW-0210	Sand Tank Demolition	\$0	\$0	\$0	\$0	\$0	\$540,000	\$0	\$540,000	E
OW-0122	Replace D & E Reservoir Off-Site Piping	\$0	\$0	\$0	\$0	\$0	\$0	\$1,100,000	\$1,100,000	E
OW-0167	2nd Ave extension to Gigling Rd	\$0	\$0	\$0	\$0	\$0	\$0	\$275,000	\$275,000	E
OW-0118	B4" Zone Tank @ East Garrison "	\$0	\$0	\$0	\$0	\$0	\$0	\$3,100,000	\$3,100,000	S
OW-0212	Reservoir D2" + D-BPS Up-Size "	\$0	\$0	\$0	\$0	\$0	\$0	\$4,000,000	\$4,000,000	E
OW-0208	Pipeline Up-Sizing -to Stockade	\$0	\$0	\$0	\$0	\$0	\$0	\$710,000	\$710,000	S
OW-0214	Imjin Road, 8th St. to Imjin Pkwy	\$0	\$0	\$0	\$0	\$0	\$0	\$1,100,000	\$1,100,000	E
OW-0121	C2" to "B4" Pipeline and PRV Station "	\$0	\$0	\$0	\$0	\$0	\$0	\$1,410,000	\$1,410,000	S
OW-0171	Eucalyptus Rd Pipeline	\$0	\$0	\$0	\$0	\$0	\$0	\$2,350,000	\$2,350,000	M
OW-0213	Reservoir B4/B5 to East Garrison Pipeline	\$0	\$0	\$0	\$0	\$0	\$0	\$260,000	\$260,000	S
OW-0216	UCMBEST Pipeline	\$0	\$0	\$0	\$0	\$0	\$0	\$762,500	\$762,500	S
OW-0217	Reservation Road, Imjin to MBEST Drive	\$0	\$0	\$0	\$0	\$0	\$0	\$727,000	\$727,000	M
OW-0218	Golf Boulevard Transmission Line	\$0	\$0	\$0	\$0	\$0	\$0	\$1,100,000	\$1,100,000	M
OW-0219	B5" Zone Tank @ East Garrison " & Pipeline	\$0	\$0	\$0	\$0	\$0	\$0	\$3,600,000	\$3,600,000	S
OW-0231	Wellfield Main 3A -Intergarrison to ASP Bldg	\$0	\$0	\$0	\$0	\$0	\$0	\$3,550,000	\$3,550,000	E
OW-0232A	Install Well 36 -Retire Well 29	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000,000	\$3,000,000	E
OW-0232B	Wellfield Main 1B -between Wells 36 and 35	\$0	\$0	\$0	\$0	\$0	\$0	\$3,200,000	\$3,200,000	E
OW-0233	Wellfield Main 1C (Parallel) Well 36 to ASP Bldg	\$0	\$0	\$0	\$0	\$0	\$0	\$3,750,000	\$3,750,000	M
OW-0234	B-BPS at ASP Bldg	\$0	\$0	\$0	\$0	\$0	\$0	\$1,355,000	\$1,355,000	M
OW-0235	Ord Well-head Disinfection	\$0	\$0	\$0	\$0	\$0	\$0	\$2,750,000	\$2,750,000	M
	Subtotal	\$863,400	\$3,665,000	\$2,270,000	\$1,383,000	\$2,330,000	\$3,340,000	\$38,099,500	\$51,950,900	

**Marina Coast Water District
DRAFT Five-Year CIP**

CIP No.	PROJECT DESCRIPTION	FY 2019-20 Estimated	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed	OUT YEARS	TOTAL	CATEGORY
Ord Sewer										
OS-0147	Ord Village Sewer Pipeline & Lift Station Impr Project	\$96,000	\$3,300,000	\$0	\$0	\$0	\$0	\$0	\$3,396,000	E
OS-0205	Imjin LS & Force Main Improvements-Phase 1	\$125,000	\$1,161,370	\$0	\$0	\$0	\$0	\$0	\$1,286,370	M
OS-0152	Hatten & Booker LS Improvements Project	\$137,000	\$395,000	\$0	\$0	\$0	\$0	\$400,000	\$932,000	E
OS-0203	Gigling LS and FM Improvements	\$0	\$2,125,000	\$0	\$0	\$0	\$0	\$0	\$2,125,000	E
OS-0153	Misc. Lift Station Improvements	\$0	\$0	\$170,000	\$0	\$424,000	\$0	\$0	\$594,000	E
OS-0154	Del Rey Oaks-Collection System Planning	\$0	\$0	\$0	\$70,000	\$0	\$0	\$0	\$70,000	S
OS-0202	Sewer Improvements-DRO	\$0	\$0	\$0	\$502,454	\$0	\$0	\$1,537,510	\$2,039,964	S
OS-0204	CSUMB Developments	\$0	\$0	\$0	\$625,000	\$0	\$0	\$0	\$625,000	S
OS-0209	Imjin LS & Force Main Improvements-Phase 2	\$0	\$0	\$0	\$0	\$1,500,000	\$0	\$0	\$1,500,000	E
OS-0207	Seaside Resort Sewer Imps. Project	\$0	\$0	\$0	\$0	\$330,000	\$0	\$0	\$330,000	S
OS-0215	Demolish Ord Main Garrison WWTP	\$0	\$0	\$0	\$0	\$0	\$1,625,000	\$0	\$1,625,000	E
OS-0148	Marina Heights Sewer Pipeline Improvements Project	\$0	\$0	\$0	\$0	\$0	\$830,000	\$0	\$830,000	M
OS-0149	Dunes Sewer Pipeline Replacement Projects	\$0	\$0	\$0	\$0	\$0	\$0	\$465,000	\$465,000	M
OS-0208	Parker Flats Collection System	\$0	\$0	\$0	\$0	\$0	\$0	\$105,000	\$105,000	M
OS-0151	Cypress Knolls Sewer Pipeline Improvements Project	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000	S
OS-0150	East Garrison Lift Station Improvements	\$0	\$0	\$0	\$0	\$0	\$0	\$550,000	\$550,000	E
OS-0206	Fitch Park Sewer Improvements	\$0	\$0	\$0	\$0	\$0	\$0	\$127,071	\$127,071	S
OS-0210	1st Ave Sewer Pipeline Replacement Project	\$0	\$0	\$0	\$0	\$0	\$0	\$410,000	\$410,000	M
OS-0211	Gen'l Jim Moore Sewer Pipeline Replacement Project	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000	M
OS-0212	Gen'l Jim Moore Sewer Pipeline Replacement Project III	\$0	\$0	\$0	\$0	\$0	\$0	\$185,000	\$185,000	M
OS-0214	Intergarrison/8th Ave SS (for Eastside Pkwy developments)	\$0	\$0	\$0	\$0	\$0	\$0	\$1,035,300	\$1,035,300	M
OS-0213	MOW Capacity Buy-In Beyond 2.2 MGD	\$0	\$0	\$0	\$0	\$0	\$0	\$11,100,000	\$11,100,000	M
OS-0216	Sewer Improvements-Seaside East	\$0	\$0	\$0	\$0	\$0	\$0	\$6,500,000	\$6,500,000	S
OS-0217	Sewer Improvements-City of Monterey	\$0	\$0	\$0	\$0	\$0	\$0	\$1,400,000	\$1,400,000	S
	Subtotal	\$358,000	\$6,981,370	\$170,000	\$1,197,454	\$2,254,000	\$2,455,000	\$23,964,881	\$37,380,705	

Category Legend

- E= CIP supports existing Infrastructure
- EDS= Eastern Distribution System (inland well-field)
- S= CIP supports a single parcel's or owner's project
- M= CIP supports projects for multiple parcels or owners

**Marina Coast Water District
DRAFT Five-Year CIP**

CIP No.	PROJECT DESCRIPTION	FY 2019-20 Estimated	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed	OUT YEARS	TOTAL	CATEGORY
General Water (32% Marina, 68% Ord)										
GW-0112	A1 & A2 Zone Tanks & B/C Booster Station	\$364,720	\$6,695,000	\$6,590,000	\$0	\$0	\$0	\$0	\$13,649,720	M
GW-0305	California Ave & Imjin Pkwy Pipeline - Abrams to Marina Heights	\$0	\$2,400,000	\$0	\$0	\$0	\$0	\$0	\$2,400,000	M
GW-0307	Intertie Meter Replacement	\$0	\$81,000	\$0	\$0	\$0	\$0	\$0	\$81,000	E
GW-0123	B2" Zone Tank @ CSUMB "	\$0	\$140,000	\$1,275,000	\$1,000,000	\$0	\$0	\$0	\$2,415,000	M
GW-0210	Reservoir A3 (1.6 MG)	\$0	\$0	\$0	\$0	\$0	\$0	\$3,470,000	\$3,470,000	M
GW-0231	Install Well 37 -Retire well 12	\$0	\$0	\$0	\$0	\$0	\$0	\$6,250,000	\$6,250,000	EDS
GW-0232	Install Well 38 -Retire well 10	\$0	\$0	\$0	\$0	\$0	\$0	\$6,250,000	\$6,250,000	EDS
GW-0233	A-BPS at ASP Bldg + Forebay Tank	\$0	\$0	\$0	\$0	\$0	\$0	\$1,670,000	\$1,670,000	EDS
GW-0234	Install Well 39 -Retire Well 30	\$0	\$0	\$0	\$0	\$0	\$0	\$6,250,000	\$6,250,000	EDS
GW-0235	B-BPS Expansion and Transmission to A1/A2 Tanks	\$0	\$0	\$0	\$0	\$0	\$0	\$13,100,000	\$13,100,000	EDS
GW-0236	Install Well 40 -Retire Well 11	\$0	\$0	\$0	\$0	\$0	\$0	\$6,250,000	\$6,250,000	EDS
GW-0237	Install Well 41 -Retire Well 31	\$0	\$0	\$0	\$0	\$0	\$0	\$6,250,000	\$6,250,000	EDS
	Subtotal	\$364,720	\$9,316,000	\$7,865,000	\$1,000,000	\$0	\$0	\$49,490,000	\$68,035,720	
General Sewer (35% Marina, 65% Ord)										
GS-0201	Del Monte/Reservation Road Sewer Main Improvements	\$0	\$0	\$275,000	\$0	\$0	\$0	\$0	\$275,000	E
	Subtotal	\$0	\$0	\$275,000	\$0	\$0	\$0	\$0	\$275,000	
Water District-Wide (25% MW, 7%MS, 54%OW, 14%OS)										
WD-0106	Corp Yard Demolition & Rehab	\$24,000	\$520,000	\$500,000	\$0	\$3,000,000	\$0	\$2,000,000	\$6,044,000	E
WD-0110	Asset Management Program -Phase II	\$0	\$0	\$0	\$250,000	\$0	\$0	\$0	\$250,000	E
WD-0110A	Asset Management Program --Phase III	\$0	\$0	\$0	\$0	\$0	\$250,000	\$0	\$250,000	E
WD-0308	Emergency Generator Project	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000	E
WD-0115A	SCADA System Improvements (Security + RD integration)	\$0	\$0	\$0	\$0	\$0	\$0	\$410,000	\$410,000	E
	Subtotal	\$1,524,000	\$520,000	\$500,000	\$250,000	\$3,000,000	\$250,000	\$2,410,000	\$8,454,000	
Shared Project Costs										
	Marina Water Cost Center Share	\$497,710	\$3,111,120	\$2,641,800	\$382,500	\$750,000	\$62,500	\$16,439,300	\$23,884,930	
	Marina Sewer Cost Center Share	\$106,680	\$36,400	\$131,250	\$17,500	\$210,000	\$17,500	\$168,700	\$688,030	
	Ord Water Cost Center Share	\$1,070,970	\$6,615,680	\$5,618,200	\$815,000	\$1,620,000	\$135,000	\$34,954,600	\$50,829,450	
	Ord Sewer Cost Center Share	\$213,360	\$72,800	\$248,750	\$35,000	\$420,000	\$35,000	\$289,200	\$1,314,110	
Total Costs										
	Marina Water	\$557,710	\$3,761,935	\$2,641,800	\$382,500	\$750,000	\$444,500	\$18,323,300	\$26,861,745	
	Marina Sewer	\$206,680	\$96,400	\$461,250	\$77,500	\$1,108,000	\$671,500	\$8,211,600	\$10,832,930	
	Ord Water	\$1,934,370	\$10,280,680	\$7,888,200	\$2,198,000	\$3,950,000	\$3,475,000	\$73,054,100	\$102,780,350	
	Ord Sewer	\$571,360	\$7,054,170	\$418,750	\$1,232,454	\$2,674,000	\$2,490,000	\$24,254,081	\$38,694,815	
	Total	\$3,270,120	\$21,193,185	\$11,410,000	\$3,890,454	\$8,482,000	\$7,081,000	\$123,843,081	\$179,169,840	

Marina Coast Water District
DRAFT Five-Year CIP

CIP No.	PROJECT DESCRIPTION	FY 2019-20 Estimated	FY 2020-21 Proposed	FY 2021-22 Proposed	FY 2022-23 Proposed	FY 2023-24 Proposed	FY 2024-25 Proposed	OUT YEARS	TOTAL	CATEGORY
	Water Augmentation									
RW-0156	RUWAP - Transmission Main & Reservoir	\$10,510,327	\$0	\$0	\$0	\$0	\$0	\$0	\$10,510,327	
RW-0306	RUWAP - Imjin Parkway Reservation Rd. to Abrams Dr.	\$50,000	\$885,000	\$0	\$0	\$0	\$0	\$0	\$935,000	
RW-0174	RUWAP - Distribution System	\$200,000	\$11,239,582	\$0	\$0	\$0	\$0	\$0	\$11,439,582	
	Subtotal	\$10,760,327	\$12,124,582	\$0	\$0	\$0	\$0	\$0	\$22,884,909	

General Manager's Report

ACWA ADVISORY

EXECUTIVE ORDER | COVID-19

April 2, 2020

Governor Issues Executive Order Prohibiting Discontinuation of Service (Shut Offs) by Urban and Community Water Systems

In relation to the COVID-19 pandemic, Gov. Gavin Newsom today issued an [Executive Order](#) suspending the authority of urban and community water systems to discontinue residential water service. State law defines “urban and community water system” as a “public water system that supplies water to more than 200 service connections.” Public water systems can be public or private entities.

ACWA staff are reviewing the order and already having discussions with the Administration about how the new order will be implemented. ACWA will share more details with members as information becomes available.

The order, which goes into effect immediately, includes five operative provisions that are outlined below. It is important to note that the order explicitly states that it does not eliminate the obligation of water customers to pay for water service, prevent a water system from charging a customer for such service, or reduce the amount a customer already may owe to a water system.

Executive Order’s Operative Provisions

1. The authority of urban and community water systems, as defined in Health and Safety Code section 116902, subdivision (d), to discontinue residential service, as defined in Health and Safety Code section 116902, subdivision (c), for non-payment under Health and Safety Code sections 116908 and 116910, is suspended.
2. Water systems not subject to the requirements of Health and Safety Code sections 116908 and 116910 shall not discontinue residential service, as defined in Health and Safety Code section 116902, subdivision (c), for non-payment.
3. Water systems shall restore any residential service to occupied residences that has been discontinued for nonpayment since March 4, 2020.
4. Water systems shall not discontinue service to any business in the critical infrastructure sectors designated by the State Public Health Officer as critical to protect the health and

well-being of all Californians that qualifies as a small business under 13 C.F.R. § 121.201 of the Small Business Administration's regulations.

5. The State Water Resources Control Board shall identify best practices, guidelines, or both to be implemented during the COVID-19 emergency (i) to address non-payment or reduced payments, (ii) to promote and to ensure continuity of service by water systems and wastewater systems, and (iii) to provide measures such as the sharing of supplies, equipment and staffing to relieve water systems under financial distress.

ACWA previously encouraged member agencies to proactively suspend water service shut-offs in response to the crisis, and many cities and districts have already taken that step. In addition, ACWA has compiled resources related to the crisis and posted them online at www.acwa.com/covid19.

Questions

If you have questions or suggestions regarding the Executive Order, please contact ACWA Deputy Executive Director for Government Relations Cindy Tuck at CindyT@acwa.com.

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