



MARINA COAST WATER DISTRICT

11 RESERVATION ROAD, MARINA, CA 93933-2099

Home Page: www.mcwd.org

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DIRECTORS

THOMAS P. MOORE
President

JAN SHRINER
Vice President

HERBERT CORTEZ
PETER LE
MATT ZEFFERMAN

Agenda
Regular Board Meeting, Board of Directors
Marina Coast Water District
and
Regular Board Meeting, Board of Directors
Marina Coast Water District Groundwater Sustainability Agency
Marina Council Chambers
211 Hillcrest Avenue, Marina, California
Monday, October 21, 2019, 6:30 p.m. PST

This meeting has been noticed according to the Brown Act rules. The Board of Directors meet regularly on the third Monday of each month with workshops scheduled for the first Monday of some months. The meetings normally begin at 6:30 p.m. and are held at the City of Marina Council Chambers at 211 Hillcrest Avenue, Marina, California.

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

- 1. Call to Order**
- 2. Roll Call**
- 3. 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

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 City of Marina Council Chambers. 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): District offices at 11 Reservation Road, Seaside City Hall, the City of Marina Library, and the City of Seaside Library. A complete Board packet containing all enclosures and staff materials will be available for public review on Thursday, October 17, 2019. Copies will also be available at the Board meeting. 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.

- 1) In the Matter of the Application of California-American Water Company (U 210 W) for an Order (1) Approving a Settlement Agreement with the County of Monterey and the Monterey County Water Resources Agency to Settle and Resolve Claims and Issues Between the Parties and to Promote the Development, Construction and Operation of a Water Supply Project for Monterey County on an Expedited Basis, and (2) Authorizing the Transfer of Authorized Costs Related to the Settlement Agreement to Its Special Request 1 Surcharge Balancing Account, California Public Utilities Commission Application (“A.”) 13-05-017, and related California Supreme Court petition for writ of review.
- 2) 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.)
- 3) Marina Coast Water District v, California Coastal Commission (California-American Water Company, Real Party in Interest), Santa Cruz County Superior Court Case No. 15CV00267, Sixth Appellate District Court of Appeals Case No. H045468
- 4) 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)
- 5) 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)
- 6) 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. Consent Calendar

- A. Receive and File the Check Register for the Month of September 2019
- B. Approve the Draft Minutes of the Regular Joint Board/GSA Meeting of September 16, 2019
- C. Consider Adoption of Resolution No. 2019-73 to Approve Revisions to the Policy for the High-Efficiency Toilet Rebate Program

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9. Marina Coast Water District Groundwater Sustainability Agency Matters

A. Action Item

- 1. Consider Adoption of Resolution No. 2019-GSA03 to Authorize the General Manager to Apply to the California Department of Water Resources to Obtain a Grant under the 2019 Sustainable Groundwater Management (SGM) Grant Program Planning – Round 3 Grant Pursuant to the Water Quality, Supply, and Infrastructure Improvement Act of 2014 (Proposition 1) (Wat. Code, § 79700 et seq.) and/or the California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018 (Proposition 68) (Pub. Resources Code, § 80000 et seq.)

Action: The Board of Directors will consider authorizing the General Manager to apply for an Groundwater Sustainability Planning Grant.

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10. Return to Marina Coast Water District Matters

11. 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. 2019-74 Making Determination of Lack of Unused Capacity in MCWD Water Conveyance Facility per California-American Water Company Request (Water Code §1813)

Action: The Board of Directors will consider adopting Resolution No. 2019-74 making determination of lack of unused capacity in MCWD water conveyance facility per California-American Water Company Request (Water Code §1813).

- B. [Consider Adoption of Resolution No. 2019-75 to Approve Reclassification of the Assistant Engineer to an Associate Engineer Position Within the Engineering Department](#)

Action: The Board of Directors will consider approving the reclassification of the Assistant Engineer to an Associate Engineer position within the engineering department.

- C. [Consider Approving Funding for Director Le to Attend the Association of California Water Agencies Fall Conference in San Diego](#)

Action: The Board of Directors will consider approving funding for Director Le to attend the Association of California Water Agencies Fall Conference in San Diego.

12. Staff Reports

- A. [Receive an Update on the Ord Lift Station Easement](#)
- B. [Receive a Report on Current Capital Improvement Projects](#)
- C. [Receive the 3rd Quarter 2019 MCWD Water Consumption Report](#)
- D. [Receive the 2019 Sewer Flow Report through September 30, 2019](#)

13. 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 Reports - Verbal
 1. Update on Developer's Deposit Policy
 2. Update on Well 12 and Watkins Gate Well
 3. Update on SVBGSA Final Plan

- B. Counsel's Report

- C. Director's Report

- 1. [Receive a Report from Director Le Regarding his Attendance at the California Special Districts Association Fall Conference in Anaheim](#)

- D. Committee and Board Liaison Reports

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|-----------------------------------|---|
| 1. Water Conservation Commission | 7. LAFCO Liaison |
| 2. Joint City-District Committee | 8. FORA |
| 3. Executive Committee | 9. WWOC Report |
| 4. Community Outreach Committee | 10. JPIA Liaison |
| 5. Budget and Personnel Committee | 11. Special Districts Association |
| 6. M1W Board Member Liaison | 12. SVBGSA Liaison (Steering Committee) |

14. Board Member Requests for Future Agenda Items

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

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

*Special Meeting: Monday, November 4, 2019, 6:30 p.m.,
MCWD District Office, 11 Reservation Road, Marina*

*Regular Meeting: Monday, November 18, 2019, 6:30 p.m.,
Marina Council Chambers, 211 Hillcrest Avenue, Marina*

Marina Coast Water District
Agenda Transmittal

Agenda Item: 8

Meeting Date: October 21, 2019

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: *5-Year 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 September 2019
- B) Approve the Draft Minutes of the Regular Joint Board/GSA Meeting of September 16, 2019
- C) Consider Adoption of Resolution No. 2019-73 to Approve Revisions to the Policy for the High-Efficiency Toilet Rebate Program

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 September 2019; draft minutes of September 16, 2019; Resolution No. 2019-73; and, Attachment 1 – Revised HE Toilet and Water-free Urinal Rebate Program Description.

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: 8-A

Meeting Date: October 21, 2019

Prepared By: Kelly Cadiente

Approved By: Keith Van Der Maaten

Agenda Title: Receive and File the Check Register for the Month of September 2019

Staff Recommendation: The Board of Directors receive and file the September 2019 expenditures totaling \$968,015.37.

Background: *5-Year 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 September 2019 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: September 2019 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 _____

SEPTEMBER 2019 SUMMARY CHECK REGISTER

DATE	CHECK #	CHECK DESCRIPTION	AMOUNT
09/05/2019	68141 - 68216	Check Register	490,377.76
09/24/2019	68217	Check Register	1,109.54
09/04/2019	500471 - 500488	Check Register	14,495.45
09/05/2019	ACH	CalPERS - GASB 68	700.00
09/06/2019	500489 - 500493	Payroll Checks and Direct Deposit	101,895.18
09/06/2019	500494 - 500495	Payroll Withholdings, Period Ended 08/30/19	1,492.03
09/06/2019	ACH	MassMutual Retirement Services, LLC	12,823.14
09/06/2019	ACH	CalPERS	23,855.87
09/06/2019	ACH	Internal Revenue Service	42,875.02
09/06/2019	ACH	State of California - EDD	9,572.38
09/16/2019	500496 - 500502	Check Register	68,875.05
09/20/2019	500503 - 500508	Payroll Checks and Direct Deposit	107,905.07
09/20/2019	ACH	Payroll Withholdings, Period Ended 09/13/19	715.03
09/20/2019	ACH	State of California - EDD	9,860.53
09/20/2019	ACH	CalPERS	24,635.24
09/20/2019	ACH	MassMutual Retirement Services, LLC	12,528.58
09/20/2019	ACH	Internal Revenue Service	44,299.50
TOTAL DISBURSEMENTS			<u>968,015.37</u>

Check No	Invoice Date	Check Date	Vendor Name	Description	Amount
68141	08/08/2019	09/05/2019	Alhambra and Sierra Springs	Lab Grade Water	87.44
68142	08/26/2019	09/05/2019	Insight Planners	Web Development/ Maintenance, Hosting 08/2019	1,023.00
68143	08/09/2019	09/05/2019	Fisher Scientific	Laboratory Supplies and Chemicals	1,036.51
68144	08/13/2019	09/05/2019	PG&E	Gas and Electric Service 07/2019	83,278.59
68145	08/14/2019	09/05/2019	Grainger	Strut Channel/ Hour Meter - Booker LS, Strut Channel - Neeson LS, General Supplies	570.62
68146	07/31/2019	09/05/2019	Schaaf & Wheeler	Staff Meetings, Annexation, Assemble Facility Drawings - Generator Project, CEQA IS Electrical Design, Developers (Wathen-Castanos Homes, Campus Town, Marina Dunes RV Park, Cypress Development, Seaside Senior Living) 07/2019	22,502.92
68147	08/08/2019	09/05/2019	Peninsula Welding Supply	Welding Supplies	505.09
68148	08/17/2019	09/05/2019	Monterey Bay Analytical Services	HPC Testing - Watkins Gate	140.00
68149	08/13/2019	09/05/2019	Harris & Associates	Developer Inspection Services (Dunes, East Garrison, Junsay Oaks, OMC Backflow Project) 07/2019	4,685.00
68150	08/10/2019	09/05/2019	Johnson Controls Security Solutions LLC	Marina Security 09/2019 - 08/2020	1,366.26
68151	09/03/2019	09/05/2019	Conservation Rebate Program	3101 Everett Cir - Toilet Rebate	125.00
68152	08/16/2019	09/05/2019	Federal Express	Shipping Charges	19.01
68153	08/02/2019	09/05/2019	USABluebook	General Supplies	117.94
68154	08/16/2019	09/05/2019	Core & Main LP	(5) 2" Top Load Flanged Multi-Jet Meters with Dialog 3G Register	706.46
68155	08/08/2019	09/05/2019	Ewing Irrigation Products	Irrigation Supplies - Landscape Demonstration Garden	328.12
68156	08/24/2019	09/05/2019	NEC Financial Services, Inc.	Phone Equipment Lease 08/2019	335.76
68157	08/13/2019	09/05/2019	Muniquip, LLC	Zenith Controller - Neeson LS	1,819.59
68158	08/28/2019	09/05/2019	O'Reilly Automotive Stores, Inc.	Auto/ General Supplies	177.76
68159	08/01/2019	09/05/2019	TJC and Associates Inc	Generator Project - Predesign/ Design Installation	9,770.60
68160	07/31/2019	09/05/2019	Kimley-Horn and Associates, Inc.	Professional Services - Imjin Pkwy Pipeline	21,325.33
68161	07/30/2019	09/05/2019	Calcon Systems, Inc.	SCADA Update and Improvements	13,549.94
68162	08/09/2019	09/05/2019	Univar USA, Inc.	(1,565) gals of Chlorine - Wells 10, 11, Watkins Gate, Intermediate Reservoir	3,144.53
68163	05/31/2019	09/05/2019	West Yost Associates	Well Rehabilitation/Project Management - Watkins Gate Well	3,653.39
68164	08/02/2019	09/05/2019	RDO Equipment Co.	Tracks - Skid Steer #1201	4,134.37
68165	07/31/2019	09/05/2019	Star Sanitation LLC	Mobile Restroom Rental - Beach Office	71.01
68166	08/19/2019	09/05/2019	Conservation Rebate Program	3058 Mildred Ct - Toilet Rebate	125.00
68167	08/19/2019	09/05/2019	Conservation Rebate Program	4528 Sea Cliff Ct - (3) Toilet Rebates	375.00
68168	08/19/2019	09/05/2019	Conservation Rebate Program	2962 Clark Ct - Washer Rebate	150.00
68169	08/02/2019	09/05/2019	Green Rubber-Kennedy AG, LP	Air Hose Reel/ Couplers - Tow Behind Compressor	761.28

Check No	Invoice Date	Check Date	Vendor Name	Description	Amount
68170	08/15/2019	09/05/2019	Marina Tire & Auto Repair	Oil Change - Vehicles #1304, #1801	96.00
68171	08/13/2019	09/05/2019	Friedman & Springwater LLP	Cal Am Coastal Water Project, MCWD v CPUC, RDP Superior Court Damages Cases 07/2019	45,999.00
68172	08/23/2019	09/05/2019	Richards, Watson & Gershon	Regional Project Litigation 07/2019	22,254.15
68173	08/08/2019	09/05/2019	Remy Moose Manley, LLP	Well Project, CPUC, RAMCO Well 07/2019	111,185.34
68174	09/03/2019	09/05/2019	Monterey Bay Technologies, Inc.	IT Support Services 09/2019, HP Laserjet Pro Printer - Meter Readers, USB Flashdrives - Espero, USB Adapter - Wilcox, HP LaserJet Pro Printer - O&M	3,953.58
68175	08/30/2019	09/05/2019	ICONIX Waterworks (US), Inc.	Supplies/ Parts - Booker LS Project, Radius Bury - Leyte Rd Hydrant Replacement, Spools/ Flange Kits - Neeson LS Project, O&M Supplies	9,975.82
68176	08/20/2019	09/05/2019	Eurofins Eaton Analytical, Inc.	Laboratory Contract Testing	935.00
68177	08/08/2019	09/05/2019	Griffith & Masuda	Bay View Mobile Home Park, CSUMB, FORA, General Matters, Groundwater, Public Records Act, Recycled Water, Regional Desalination Project Litigation, Developer (Campus Town Project) 07/2019	33,740.88
68178	08/29/2019	09/05/2019	Access Monterey Peninsula, Inc.	Filming and Production 04/2019 - 05/2019, 07/2019 - 08/2019	1,840.00
68179	08/13/2019	09/05/2019	Sir Speedy	Tri-fold Water Brochure for Renters	377.52
68180	08/05/2019	09/05/2019	Aleshire & Wynder, LLP	Opinion for Bay View Community vs MCWD 06/2019	18,289.59
68181	08/22/2019	09/05/2019	Dataflow Business Systems, Inc.	Ord Copier Maintenance (5551ci) 07/23 - 08/22, Freight Fee - Magenta Toner Cartridge	396.65
68182	08/22/2019	09/05/2019	AT&T	Modem Line, Ord Alarm 08/2019	105.04
68183	09/01/2019	09/05/2019	Simpler Systems, Inc.	Datapp for UB - Maintenance 09/2019	500.00
68184	09/03/2019	09/05/2019	Conservation Rebate Program	3296 Del Monte Blvd #2 - Toilet Rebate	125.00
68185	09/01/2019	09/05/2019	Pure Janitorial, LLC	BLM Janitorial Services 08/2019	2,071.67
68186	07/30/2019	09/05/2019	Johnson Electronics	BLM Fire Alarm Monitoring 07/2019 - 09/2019	84.00
68187	08/19/2019	09/05/2019	Conservation Rebate Program	142 Dolphin Cir - Toilet Rebate	125.00
68188	08/15/2019	09/05/2019	EKI Environment & Water, Inc.	Water Supply Augmentation Study - Fort Ord, Ground Water Planning Sustainability Study, Evaluation of Aquifer Storage Recovery, SWRCB Recycled Water Grant Preparation	29,401.92
68189	08/06/2019	09/05/2019	Akel Engineering Group, Inc.	Master Plans/Capacity Fees Study - Water, Sewer, Recycled Water	12,902.00
68190	08/21/2019	09/05/2019	R&B Company	Filler Flange - Crescent LS, Hydrant Extension - Leyte Rd Hydrant Replacement, Meter Boxes/ Lids - Debbie Rd, Parts - Hayes Cir Hydrant Repair	1,809.29
68191	08/21/2019	09/05/2019	MWH Constructors Inc.	Construction Management Services 06/2019 - 08/2019	10,353.00
68192	08/07/2019	09/05/2019	Ferguson Enterprises, Inc #686	Gasket/ Flange Sets - Crescent LS	111.95

Check No	Invoice Date	Check Date	Vendor Name	Description	Amount
68193	08/06/2019	09/05/2019	Trucksis Ent, Inc.	Saving Water is Easy Poster - Public Display	50.46
68194	08/07/2019	09/05/2019	Interstate Battery of San Jose	(4) Batteries - F Reservoir Telemetry	571.88
68195	08/12/2019	09/05/2019	Alameda Electrical Distributors, Inc.	Electric Connectors - Booker LS Project	145.99
68196	08/01/2019	09/05/2019	Greenwaste Recovery, Inc.	Garbage Collection and Recycling Services 08/2019	697.75
68197	08/21/2019	09/05/2019	Customer Service Refund	Refund Check - 1707 Eichelberger Ct	99.94
68198	08/21/2019	09/05/2019	Customer Service Refund	Refund Check - 226 Metz Rd	82.01
68199	08/21/2019	09/05/2019	Customer Service Refund	Refund Check - 453 Carmel Ave	5.84
68200	08/21/2019	09/05/2019	Customer Service Refund	Refund Check - Hydrant Meter	2,386.07
68201	08/21/2019	09/05/2019	Customer Service Refund	Refund Check - 3087 Messinger Dr	61.88
68202	08/21/2019	09/05/2019	Customer Service Refund	Refund Check - 21722 Ord Ave	95.65
68203	08/21/2019	09/05/2019	Customer Service Refund	Refund Check - 2709 3rd Ave	23.11
68204	08/21/2019	09/05/2019	Customer Service Refund	Refund Check - 487 Larson Ct	22.45
68205	08/21/2019	09/05/2019	Customer Service Refund	Refund Check - 13525 Warren Ave	7.27
68206	08/21/2019	09/05/2019	Customer Service Refund	Refund Check - 212 9th St	38.51
68207	08/21/2019	09/05/2019	Customer Service Refund	Refund Check - 181 Monterey Rd	35.00
68208	08/21/2019	09/05/2019	Customer Service Refund	Refund Check - 337 Reservation Rd	8.19
68209	08/21/2019	09/05/2019	Customer Service Refund	Refund Check - Hydrant Meter	1,631.35
68210	08/21/2019	09/05/2019	Customer Service Refund	Refund Check - 316 Brittany Rd	50.87
68211	08/21/2019	09/05/2019	Customer Service Refund	Refund Check - 201 Normandy Rd	35.00
68212	08/21/2019	09/05/2019	Customer Service Refund	Refund Check - Hydrant Meter	1,686.37
68213	08/21/2019	09/05/2019	Customer Service Refund	Refund Check - 2604 Sandy Clay Ln	35.00
68214	08/21/2019	09/05/2019	Customer Service Refund	Refund Check - 3111 Bayer Dr	19.25
68215	08/21/2019	09/05/2019	Customer Service Refund	Refund Check - 3105 Everett Cir	35.00
68216	08/21/2019	09/05/2019	Customer Service Refund	Refund Check - 169 Okinawa Rd	35.00
68217	09/06/2019	09/24/2019	TIAA Commercial Finance, Inc.	(3) Office Copiers (C754E, 454E, 5551ci), eCopy ScanStation Leases 09/2019	1,109.54
500471	07/22/2019	09/04/2019	Water Environment Federation	WEF Annual Membership - Lab Supervisor	263.00
500472	08/20/2019	09/04/2019	Becks Shoe Store, Inc. - Salinas	Boot Benefit - O&M	200.00
500473	08/08/2019	09/04/2019	CWEA - Monterey Bay Section	Grade I Electrical/ Instrumentation Mechanical Tech Renewal - Cray, Grade II Collection System Certificate Renewal - Rodriguez	272.00
500474	08/25/2019	09/04/2019	AFLAC	Employee Paid Benefits 08/2019	2,831.42
500475	08/26/2019	09/04/2019	Thomas P. Moore	Board Compensation 08/2019	50.00
500476	08/19/2019	09/04/2019	Monterey Regional Compliance Service	DOT Random Drug Testing - Class B Drivers, MRCS Program Fee 07/2019 - 06/2020	1,280.00
500477	08/19/2019	09/04/2019	Rose Gill	Longevity Gift Cards 40Y - Kelsey, 20Y - Montanti	723.80
500478	08/28/2019	09/04/2019	Pinnacle Medical Group, Inc.	Pre-Employment Physical - New Hire	100.00

Check No	Invoice Date	Check Date	Vendor Name	Description	Amount
500479	07/29/2019	09/04/2019	Government Finance Officers Association	Membership Renewal - Cadiente	160.00
500480	08/17/2019	09/04/2019	Principal Life	Employee Paid Benefits 09/2019	482.70
500481	08/09/2019	09/04/2019	Lincoln National Life Insurance Company	Life, Long-Term/ Short-Term Disability, AD&D Premium 09/2019	2,335.34
500482	08/15/2019	09/04/2019	WageWorks, Inc.	FSA Admin Fees 07/2019	128.00
500483	08/26/2019	09/04/2019	Herbert Cortez	Board Compensation 08/2019	50.00
500484	08/16/2019	09/04/2019	Transamerica Employee Benefits	Employee Paid Benefits 08/2019	1,205.30
500485	08/31/2019	09/04/2019	Cintas Corporation No. 630	Uniforms, Towels, Rugs 08/2019	590.89
500486	08/27/2019	09/04/2019	MBWWA	Cross-Connection Control/ Pump Hydraulics - Wegley, Wilcox, Hollida	140.00
500487	08/26/2019	09/04/2019	Jan Shriner	Board Compensation 08/2019	50.00
500488	07/31/2019	09/04/2019	Liebert Cassidy Whitmore	Employee Handbook Review, Unconscious Bias/ Harassment Training - Board of Directors	3,633.00
ACH	08/20/2019	09/05/2019	CalPERS	GASB-68 Reporting Service Fee	700.00
500489 - 500493	09/06/2019	09/06/2019	Payroll Checks and Direct Deposit	Payroll Ending 08/30/19	101,895.18
500494	09/06/2019	09/06/2019	General Teamsters Union	Payroll Ending 08/30/19	777.00
ACH	09/06/2019	09/06/2019	Internal Revenue Service	Payroll Ending 08/30/19	42,875.02
ACH	09/06/2019	09/06/2019	State of California - EDD	Payroll Ending 08/30/19	9,572.38
ACH	09/06/2019	09/06/2019	CalPERS	Payroll Ending 08/30/19	23,855.87
ACH	09/06/2019	09/06/2019	MassMutual Retirement Services, LLC	Payroll Ending 08/30/19	12,823.14
500495	09/06/2019	09/06/2019	WageWorks, Inc.	Payroll Ending 08/30/19	715.03
500496	09/03/2019	09/16/2019	ACWA/ JPIA	Medical, Dental, Vision and EAP Insurance 10/2019	67,657.40
500497	09/09/2019	09/16/2019	Calif-Nevada Section, AWWA	Backflow Assembly Tester Exam Fee - Luongo	180.00
500498	09/10/2019	09/16/2019	SWRCB - DWOCP	Grade III Water Distribution Renewal - Nguyen	140.00
500499	09/05/2019	09/16/2019	LegalShield	Employee Paid Benefits 09/2019	25.90
500500	09/04/2019	09/16/2019	Pinnacle Medical Group, Inc.	Pre-Employment Physical - New Hire	200.00
500501	08/31/2019	09/16/2019	Justifacts Credential Verification, Inc.	Pre-Employment Physical - New Hire, Background Checks - (3) New Hires	440.75
500502	07/08/2019	09/16/2019	Peter Le	CSDA Conference Per Diem Meals	231.00
500503 - 500507	09/20/2019	09/20/2019	Payroll Checks and Direct Deposit	Payroll Ending 09/13/19	107,905.07
500508	09/20/2019	09/20/2019	WageWorks, Inc.	Payroll Ending 09/13/19	715.03
ACH	09/20/2019	09/20/2019	Internal Revenue Service	Payroll Ending 09/13/19	44,299.50
ACH	09/20/2019	09/20/2019	State of California - EDD	Payroll Ending 09/13/19	9,860.53
ACH	09/20/2019	09/20/2019	MassMutual Retirement Services, LLC	Payroll Ending 09/13/19	12,528.58
ACH	09/20/2019	09/20/2019	CalPERS	Payroll Ending 09/13/19	24,635.24
Total Disbursements for September 2019					968,015.37

Marina Coast Water District
Agenda Transmittal

Agenda Item: 8-B

Meeting Date: October 21, 2019

Prepared By: Paula Riso

Approved By: Keith Van Der Maaten

Agenda Title: Approve the Draft Minutes of the Regular Joint Board/GSA Meeting of September 16, 2019

Staff Recommendation: The Board of Directors approve the draft minutes of the September 16, 2019 regular joint Board meeting.

Background: *5-Year 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 September 16, 2019 are provided for the Board to consider approval.

Environmental Review Compliance: None required.

Financial Impact: ___Yes ___X___No Funding Source/Recap: None

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

Material Included for Information/Consideration: Draft minutes of September 16, 2019.

Action Required: ___Resolution ___X___Motion ___Review

Board Action

Motion By _____ Seconded By _____ No Action Taken _____

Ayes _____ Abstained _____

Noes _____ Absent _____



Marina Coast Water District

Regular Board Meeting/Groundwater Sustainability Agency Board Meeting
Dual Locations – 11 Reservation Road, Marina, and
Hauts de Sophia, 6 Chemins de Fremonts, Trouvilles sur Mer, France
September 16, 2019

Draft Minutes

1. Call to Order:

Vice President Shriner called the meeting to order at 6:30 p.m. on September 16, 2019 at the Marina Council Chambers, 211 Hillcrest Avenue, Marina, California.

2. Roll Call:

Board Members Present:

Thomas P. Moore – President – via teleconference
Jan Shriner – Vice President
Herbert Cortez
Peter Le
Matt Zefferman

Board Members Absent:

None

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
Rose Gill, HR/Risk Administrator
Don Wilcox, Senior Engineer
Andrew Racz, Associate Engineer
Teo Espero, IT Administrator
Paula Riso, Executive Assistant/Clerk to the Board

Audience Members:

Andrew Sterbenz, Schaaf & Wheeler
Philip Clark, Seaside Resident, WCC Member
Shawn Storm, Marina Resident, WCC Member
Mike Owen, Marina Resident
Dana Van Horn, Harris & Associates
Barbara Montanti, MCWD Employee

Matt Johnson, Denise Duffy & Associates
Laura Carpenter, Fieldman Rolapp & Associates
Tony Kelsey, MCWD Employee
Andrew Hunter, Whitson Engineering
Dino Pick, Del Rey Oaks City Manager

3. Public Comment on Closed Session Items:

There were no public 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) In the Matter of the Application of California-American Water Company (U210W) for Approval of the Monterey Peninsula Water Supply Project and Authorization to Recover All Present and Future Costs in Rates, California Public Utilities Commission Application (“A.”) 12-04-019
- 2) In the Matter of the Application of California-American Water Company (U 210 W) for an Order (1) Approving a Settlement Agreement with the County of Monterey and the Monterey County Water Resources Agency to Settle and Resolve Claims and Issues Between the Parties and to Promote the Development, Construction and Operation of a Water Supply Project for Monterey County on an Expedited Basis, and (2) Authorizing the Transfer of Authorized Costs Related to the Settlement Agreement to Its Special Request 1 Surcharge Balancing Account, California Public Utilities Commission Application (“A.”) 13-05-017, and related California Supreme Court petition for writ of review.
- 3) City of Marina and Marina Coast Water District, Petitioners v. Public Utilities Commission of the State of California, Respondent (California-American Water Company, et al., Real Parties in Interest), Petitions for Writ of Review, California Supreme Court Case No. S253585
- 4) 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.)
- 5) Marina Coast Water District v. California Coastal Commission (California-American Water Company, Real Party in Interest), Santa Cruz County Superior Court Case No. 15CV00267, Sixth Appellate District Court of Appeals Case No. H045468

Agenda Item 4-A (continued):

- 6) 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)
- 7) 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)
- 8) 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 6:58 p.m.

President Moore reconvened the meeting to open session at 7:03 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.

Vice President Shriner noted that there were several presentations scheduled and that pursuant to past practice, pulled Consent Calendar items would be discussed at the end of open session. She also stated that Action Item 10-E would be moved up on the agenda to immediately follow the Consent Calendar to accommodate the consultant's schedule.

6. Pledge of Allegiance:

Vice President Shriner led everyone present in the pledge of allegiance.

7. Oral Communications:

Mr. Mike Owen, Marina Resident, announced that Epiphany Church was hosting an organ recital on October 5th at 2:00 p.m. He also commented that there was a 5K/10K "Honor Our Fallen Run" on October 19th. Mr. Owen thanked the District and District, employee Anthony Munoz's hard work, on the landscape maintenance that was done at the Well 11 site.

8. Presentations:

- A. Consider Adoption of Resolution No. 2019-59 in Recognition of Barbara Montanti, Assistant Engineer, for 5 Years of Service to the Marina Coast Water District:

President Moore made a motion to adopt Resolution No. 2019-59 in recognition of Barbara Montanti for 20 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 Le	-	Yes	President Moore	-	Yes
Director Cortez	-	Yes			

Vice President Shriner read the narration and presented Ms. Montanti with a resolution and gift certificate.

- B. Consider Adoption of Resolution No. 2019-60 in Recognition of Tony Kelsey, System Operator II, for 40 Years of Service to the Marina Coast Water District:

Director Cortez made a motion to adopt Resolution No. 2019-60 in recognition of Tony Kelsey for 40 years of service to the Marina Coast Water District. President Moore seconded the motion. The motion was passed by the following vote:

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

Vice President Shriner read the narration and presented Mr. Kelsey with a resolution and gift certificate.

9. Consent Calendar:

Director Zefferman requested to pull item F from the Consent Calendar and noted he would abstain on item B. Director Le requested to pull items B, C, D, E and F from the Consent Calendar.

Director Zefferman made a motion to approve the Consent Calendar consisting of: A) Receive the Check Register for the Month of August 2019; and, G) Consider Voting for the Association of California Water Agencies Region 5 Board Slate Recommended by the Nominating Committee. Director Cortez seconded the motion. The motion was passed by the following vote:

Director Zefferman	-	Yes	Vice President Shriner	-	Yes
Director Cortez	-	Yes	President Moore	-	Yes
Director Le	-	Yes on item A, Abstain on item G			

Vice President Shriner noted that because the consultant was here for items 9-E (consent) and 10-E (action), the Board would hear 9-E at this time, but all other Consent items would be discussed at the end of the open session.

E. Consider Adoption of Resolution No. 2019-63 to Approve an Updated District Debt Management Policy:

Director Le commented his question was regarding financial obligations and if the Bay View situation, discussed in item 10 E was an example of a financial obligation.

Ms. Laura Carpenter, Fieldman, Rolapp & Associates, answered that the Bay View situation was not a financial obligation. She said a financial obligation, as defined by the Security Exchange Commission, was a debt obligation or any agreement that has a payment or security provision that requires the District to make a payment, such as a bank loan or the District's State Revolving Fund loan.

The Board asked clarifying questions regarding who would disclose the default of a financial obligation. President Moore asked to have the acronym EMMA spelled out in the Policy.

Director Zefferman made a motion to adopt Resolution No. 2019-63 to approve an updated District Debt Management Policy and have all EMMA acronyms spelled out in the Policy. President Moore seconded the motion. The motion was passed by the following vote:

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

10. Action Items:

E. Consider Adoption of Resolution No. 2019-71 to Approve a Contract with Morgan Stanley to Serve as Underwriter for the District's Upcoming Issuance of Revenue Bonds:

Ms. Kelly Cadiente, Director of Administrative Services, introduced this item and noted that Ms. Carpenter would give a brief presentation. Ms. Carpenter gave a brief presentation and answered clarifying questions posed by the Board.

Director Cortez made a motion to adopt Resolution No. 2019-71 to approve a contract with Morgan Stanley to serve as underwriter for the District's upcoming Issuance of Revenue Bonds. President Moore seconded the motion. The motion was passed by the following vote:

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

- A. Consider Adoption of Resolution No. 2019-65 to Approve Amendment No. 4 to the Professional Services Agreement with Akel Engineering Group, Inc. for the Master Plans and Capacity Fees Study for Sewer, Water and Recycled Water:

Mr. Michael Wegley, District Engineer, introduced this item. The Board asked clarifying questions.

President Moore made a motion to adopt Resolution No. 2019-65 to approve Amendment No. 4 to the Professional Services Agreement with Akel Engineering Group, Inc. for the Master Plans and Capacity Fees Study for Sewer, Water and Recycled Water. Director Zefferman seconded the motion. The motion was passed by the following vote:

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

- B. Consider Adoption of Resolution Nos. 2019-66, 2019-67, and 2019-68 to: Award a Construction Management Professional Services Agreement to Harris and Associates; Amend an Engineering Professional Services Agreement with Carollo Engineers; and Amend an Environmental Professional Services Agreement with Denise Duffy & Associates; all three toward the Construction phase of the Regional Urban Water Augmentation Project Distribution Pipelines Phase:

Mr. Wegley introduced Mr. Don Wilcox, the District's newest Senior Engineer. Mr. Wilcox introduced this item explaining the three components of this project. Director Le questioned if Harris and Associates would monitor and inspect to the District's guidelines. Ms. Dana Van Horn commented that they always utilize the contract plans as a guideline to make sure the contractor is performing the work correctly. Discussion followed.

Director Zefferman made a motion to adopt Resolution Nos. 2019-66, 2019-67, and 2019-68 to: Award a Construction Management Professional Services Agreement to Harris and Associates, with added language in Section 2.12 that there will be an inspection to MCWD Standard Plans and Specifications; Amend an Engineering Professional Services Agreement with Carollo Engineers; and Amend an Environmental Professional Services Agreement with Denise Duffy & Associates. President Moore seconded the motion. Discussion followed regarding the addition of language to the Harris proposal. Director Zefferman withdrew his motion.

Director Cortez questioned legal counsel if there was language in the Professional Services Agreement that covered any liability done by Harris. Mr. Hobbs answered that there was language in the PSA for liability and insurance coverage in case of negligence.

Agenda Item 10-B (continued):

Director Le made a motion to adopt Resolution Nos. 2019-66, 2019-67, and 2019-68 to: Award a Construction Management Professional Services Agreement to Harris and Associates, with added language that Harris will inspect to make sure it conforms with MCWD Standard Plans and Specifications; Amend an Engineering Professional Services Agreement with Carollo Engineers; and Amend an Environmental Professional Services Agreement with Denise Duffy & Associates.

Director Zefferman made a substitute motion to adopt Resolution Nos. 2019-66, 2019-67, and 2019-68 to: Award a Construction Management Professional Services Agreement to Harris and Associates; Amend an Engineering Professional Services Agreement with Carollo Engineers; and Amend an Environmental Professional Services Agreement with Denise Duffy & Associates, with the provision that legal counsel reviews the Professional Services Agreement and determines that it does adequately cover the inspection, and if so, approve the Resolutions. President Moore seconded the motion. Director Le asked that legal counsel review the language in the Professional Services Agreement to make the determination. Mr. Wilcox commented that after speaking with the District Engineer, the consultant will be asked to modify Section 2.1-*Inspection Plan* of the Proposal to include the requested language. The motion was passed by the following vote:

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

C. Consider Adoption of Resolution No. 2019-69 to Award an Engineering Professional Services Agreement to Whitson Engineers toward Design of the South Boundary Road Water Line Project:

Mr. Wilcox introduced this item, noting that if the Board wanted more information regarding timing of the project, Whitson could do a quick pros and cons Construction Timing Evaluation Study. He then introduced Mr. Dino Pick, Del Rey Oaks City Manager.

Mr. Pick discussed the City of Del Rey Oaks' 200 Pad RV Resort project that has been fully entitled and approved. He also discussed proposed future projects and the need for the South Boundary Road water pipeline. The Board asked clarifying questions regarding timing and pipe alignment.

President Moore made a motion to adopt Resolution No. 2019-69 to award an Engineering Professional Services Agreement to Whitson Engineers toward design of the South Boundary Road Water Line Project and include the added task of a Construction Timing Evaluation Study at a cost of \$4,400 and bring it back to the Board for further discussion. Director Zefferman seconded the motion.

Director Le made a substitute motion to approve \$4,400 to do the Construction Timing Evaluation Study and bring it back to the Board for further discussion. President Moore questioned staff if it was feasible to just do the Study. Mr. Wilcox answered that the study was being proposed as an addition to Section 1.1 of the Scope of Services, and the cost of \$70,000 for an engineering design was significant savings. He noted that if the engineering design were to be done later, it would be at a much higher cost. Discussion followed. Director Le withdrew his substitute motion.

Agenda Item 10-C (continued):

Director Le made a new substitute motion to adopt Resolution No. 2019-69 to award an Engineering Professional Services Agreement to Whitson Engineers toward design of the South Boundary Road Water Line Project only, and **not** authorize the Construction Timing Evaluation Study. The motion failed for lack of a second.

Director Cortez made a substitute motion to adopt Resolution No. 2019-69 to award an Engineering Professional Services Agreement to Whitson Engineers toward design of the South Boundary Road Water Line Project and include the added task of a Construction Timing Evaluation Study at a cost of \$4,400 and **not** bring it back to the Board. President Moore seconded the motion. Director Le stated he wasn't comfortable letting staff decide whether the pipe alignment would go in the road or in the shoulder. Mr. Keith Van Der Maaten, General Manager, stated that staff can bring a staff report updating the Board on the results of the Construction Timing Evaluation Study. The motion was passed by the following vote:

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

D. Consider Adoption of Resolution No. 2019-70 to Approve a Water, Sewer and Recycled Water Infrastructure Agreement and Reimbursement Agreement between the Marina Coast Water District and the Marina Developers, Inc. for the Sea Haven Phase 3A Development Project:

Mr. Andrew Racz, Associate Engineer, introduced this item. Director Le asked if there were construction plans for the Booker Lift Station yet. Mr. Racz answered that the developer was in the process of soliciting for bids now and the District staff would be involved when the plans are ready for review. Discussion regarding capacity fees and lift station improvements followed.

Mr. Shawn Storm, Marina resident/Water Conservation Commission member, questioned the water allocation for this development and asked if, due to conservation measures, there was a way to use an efficiency metric to establish an allocation for usage. Mr. Racz commented that the City of Marina was the one who allocated the water to this development, but the District uses a standard Equivalent Dwelling Unit for each home.

Director Cortez made a motion to adopt Resolution No. 2019-70 to approve a Water, Sewer and Recycled Water Infrastructure Agreement and Reimbursement Agreement between the Marina Coast Water District and the Marina Developers, Inc. for the Sea Haven Phase 3A Development Project. President Moore seconded the motion. The motion was passed by the following vote:

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

F. Consider Adoption of Resolution No. 2019-72 to Approve One Additional Engineering Technician Position Within the Engineering Department

Ms. Rose Gill, HR/Risk Administrator, introduced this item.

Director Cortez made a motion to adopt Resolution No. 2019-72 to approve a one additional Engineering Technician position within the engineering department. Director Zefferman seconded the motion. The motion was passed by the following vote:

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

Vice President Shriner noted the time of 10:00 p.m. and asked if any Director wanted to make a motion as to the extending the meeting and which agenda items to discuss; and advised the Board that they still needed to return to closed session. Director Cortez asked which of the Consent items could be continued to the next meeting. Mr. Van Der Maaten stated the only item that could be postponed was item 9-F – Adoption of Resolution No. 2019-64 to Approve the Addition of a Social Media Policy to the Board Procedures Manual.

Director Zefferman made a motion to go past 10:00 p.m. and moving item 9-F to the November meeting, but first bringing it to the Outreach Committee to look at the Social Media language at their meeting in November. His motion also included finishing items 9-B, 9-C, and 9-D then returning to closed session. The Staff Report and Information Items will not be discussed. Director Cortez seconded the motion. The motion was passed by the following vote:

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

9. Consent Calender:

B. Approve the Draft Minutes of the Regular Joint Board/GSA Meeting of August 19, 2019:

President Moore made a motion to approve the draft minutes of the regular Joint Board/GSA Meeting of August 19, 2019. Director Cortez seconded the motion. The motion was passed by the following vote:

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

C. Consider Adoption of Resolution No. 2019-61 to Authorize a Notice of Completion for the Regional Urban Water Augmentation Project Recycled Water Pipeline and Blackhorse Recycled Water Reservoir to be filed with the Monterey County Recorder:

Agenda Item 9-C (continued):

Director Le asked if there would be any more reports on this item. Mr. Wegley answered that this item was complete and there would be no more reports. Director Le asked if the Monterey One Water was current on their payments to the District for this project. Mr. Wegley said they have paid what they have been invoiced for. Discussion followed.

President Moore made a motion to adopt Resolution No. 2019-61 to authorize a Notice of Completion for the Regional Urban Water Augmentation Project Recycled Water Pipeline and Blackhorse Recycled Water Reservoir to be filed with the Monterey County Recorder. Director Cortez seconded the motion. The motion was passed by the following vote:

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

D. Consider Adoption of Resolution No. 2019-62 for the Purchase of Eight New Standby Generators and Six New Automatic Transfer Switches from Quinn Cat:

Mr. Derek Cray, Operations and Maintenance Manager, introduced this item. The Board asked questions regarding generator size, noise, and storage safety.

Director Le made a motion to adopt Resolution No. 2019-62 for the purchase of eight new standby generators and six new automatic transfer switches from Quinn Cat. Vice President Shriner seconded the motion. The motion was passed by the following vote:

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

Vice President Shriner recessed the meeting from 10:18 p.m. to 10:25 p.m.

The Board reentered into closed session at 10:25 p.m. to discuss the following item:

4. Closed Session:

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

Vice President Shriner reconvened the meeting to open session at 11:36 p.m.

5. Reportable Actions Taken during Closed Session:

Mr. Hobbs stated that there was one case, issuance of action Pursuant to Government Code 54957.1 (a)(2).

Agenda Item 9-C (continued):

16. Adjournment:

The meeting was adjourned at 11:38 p.m.

APPROVED:

Jan Shriner, Vice President

ATTEST:

Paula Riso, Deputy Secretary

Marina Coast Water District
Agenda Transmittal

Agenda Item: 8-C

Meeting Date: October 21, 2019

Prepared By: Paul Lord

Approved By: Keith Van Der Maaten

Reviewed By: Patrick Breen

Agenda Title: Consider Adoption of Resolution No. 2019-73 to Approve Revisions to the Policy for the High-Efficiency Toilet Rebate Program

Staff Recommendation: Staff recommends that the Board of Directors adopt Resolution No. 2019-73 approving revisions to the Policy for the High-Efficiency Toilet Rebate Program.

Background: *5-Year 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.*

The Toilet Rebate Program was established in 1994. At that time, \$50 rebates were provided for the replacement of older, higher volume toilets with the more water efficient Ultra Low-Flow Toilets (ULFT's) having a flush volume of 1.6 gallons per flush (gpf).

In 2006, when High-Efficiency Toilets (HET's), having a flow of 1.28 gpf or less, became readily available in local stores, the District's toilet rebate program was changed to only provide rebates for the more water efficient HET's. A rebate for water-free urinals was also established. The \$50 rebate amount for toilets was increased to a reimbursement equal to the cost of the new HE toilet or water-free urinal, up to \$125.

Discussion/Analysis: Now, another generation of even more efficient Ultra High-Efficiency toilets (UHET's), having flow rates of 1.1 gallons per flush or less, has become available. Many models of these toilets can achieve another 20% in water savings over the earlier HET's.

With the support and guidance of the Water Conservation Commission, staff proposes modifications to the District's HE Toilet Rebate Program. The objectives include; keeping some incentive for those that choose to retrofit to HET's, assuring the toilets perform well, promoting the retrofitting to UHET's over HET's, speeding up and increasing the number of retrofits to UHET's and water-free urinals, and limiting "free riders" that receive rebates for retrofitting that would have been done regardless of the District incentives provided. It is proposed that these program changes, if approved, take effect 60 days following Board approval.

Following are the proposed program modifications:

- Establish that all toilets be EPA WaterSense labeled and/or Maximum Performance Tested (MaP) Premium-rated toilets (MaP Premium toilets are the highest performing toilets). Only MaP PREMIUM-rated UHET's shall qualify for the optional and higher UHET rebate.
- Lower the standard rebate for WaterSense labeled HET's to a maximum of \$50

- Establish a new, optional and higher rebate, up to \$75 per WaterSense labeled HET toilet, when it is the last HET or UHET toilet installed at an account, or when all toilets at an account are retrofitted to HET or UHET toilets.
- Establish a new standard rebate for WaterSense labeled UHET's at a maximum of \$100
 - Establish a new, optional and higher rebate, up to \$200 when the UHET toilet(s) is/are MaP PREMIUM-rated UHET toilet(s) and, when it is the last HET or UHET toilet installed at an account, or when all toilets at an account are retrofitted to HET or UHET toilets.
- Raise the standard rebate for water-free urinals to a maximum of \$200
 - Establish a new, higher rebate, up to \$300 per water-free urinal, when it is the last water-free urinal installed at an account, or when all urinals at an account are retrofitted to water-free urinals.

For the 2019-20 fiscal year, there was no change proposed for the HE Toilet Rebate Program's annual budget. In the 2019-20 fiscal year, staff requested \$29,000 for the Marina Service area and \$97,500 for the Ord service area. Staff does not believe the program changes will require adjustment in the 2019-20 Budget.

Environmental Review Compliance: None required.

Financial Impact: _____Yes ___X___No Funding Source/Recap: Sufficient funds are available in the Water Conservation budget line.

Other Considerations: Make no program changes.

Material Included for Information/Consideration: Resolution No. 2019-73; Attachment 1 – Revised HE Toilet and Water-free Urinal Rebate Program Description

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

Board Action

Motion By_____ Seconded By_____ No Action Taken_____

Ayes_____ Abstained_____

Noes_____ Absent_____

October 21, 2019

Resolution No. 2019-73
Resolution of the Board of Directors
Marina Coast Water District

Approving Revisions to the Policy for the High-Efficiency Toilet Rebate Program

RESOLVED by the Board of Directors (“Directors”) of the Marina Coast Water District (“District”), at a regular meeting duly called and held on October 21, 2019, at 211 Hillcrest Avenue, Marina, California as follows:

WHEREAS, the Toilet Rebate Program was established in 1994, providing \$50 rebates for the replacement of older, higher volume toilets with the more water efficient Ultra Low-Flow Toilets (ULFT’s) having a flush volume of 1.6 gallons per flush (gpf); and,

WHEREAS, in 2006, when the more efficient High-Efficiency Toilets (HET’s), having a flow of 1.28 gpf or less, became readily available in local stores, the District’s toilet rebate program was changed to provide rebates for only those more water efficient HET toilets and a rebate for water-free urinals; and,

WHEREAS, another generation of even more efficient Ultra High-Efficiency Toilets (UHET’s), having flow rates of 1.1 gallons per flush or less, has become available; and,

WHEREAS, the Water Conservation Commission recommends the proposed program changes will keep an incentive for customers that choose to retrofit to HET’s, assure that the toilets installed will perform well, promote the retrofitting to the more efficient UHET’s over HET’s, speed up and increase the number of retrofits to UHET’s and water-free urinals, and limit incentives paid out to “free riders” that would receive rebates for retrofitting that would have been done regardless of the District incentives provided; and,

WHEREAS, these program changes, shall take effect 60 days following approval.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the Marina Coast Water District does hereby approve the revisions to the policy for the High-Efficiency Toilet Rebate Program.

BE IT FURTHER RESOLVED, to authorize the General Manager to take all actions and execute all documents as may be necessary or appropriate to give effect to this resolution.

PASSED AND ADOPTED on October 21, 2019 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. 2019-73 adopted on October 21, 2019.

Keith Van Der Maaten, Secretary

Marina Coast Water District

HE Toilet and Water-free Urinal Rebate Program Description

When replacing existing toilets and urinals having higher flush volumes, customers can receive reimbursement for the purchase of new, WaterSense labeled high-efficiency toilets, WaterSense and Map PREMIUM rated ultra-high-efficiency toilets, and water-free urinals.

Program Procedures, Terms of Agreement, and Eligibility Requirements

- Rebate application forms and sales receipts must be submitted within 1 year of purchase. Receipts older than one year will not be accepted. An original, dated sales receipt showing the itemized cost for the toilet and the method of payment in full is required.
- Original receipts cannot be returned to the customer once submitted for rebate request. District staff can make a copy of the receipt to give to the customer for their records.
- Rebate amounts are equal to the net purchase price of the toilet(s), up to the limits. Rebate-eligible parts include the toilet tank, bowl and seat. Sales tax and labor charges are not rebated.
- The number of toilet rebates is limited to the number of qualifying toilets at the account.
- As rebates of \$600 or more can be considered taxable income by the IRS and the State, customers requesting rebates totaling \$600 or more will be asked to submit a federal W-9 form to allow reporting to the Internal Revenue Service and State of California.
- Rebate application forms can be requested via email addressed to conservation@mcwd.org, found online at MCWD.org, or picked up at the main office, 11 Reservation Road Marina, CA 93933.
- Incomplete or illegible rebate application forms will be denied and returned to the customer.
- Customer requests for six toilet rebates or more are subject to physical verification of installation. The District may request inspection of the installation site to confirm the installation of the qualifying toilet(s). A MCWD representative must be permitted to inspect the property to verify installation if requested.
- Customers may request up to 20 toilet rebates per year without pre-approval. Customer requests for more than 20 rebates must be pre-approved.
- Rebates for retrofitting projects that have obtained pre-approval are given priority and paid first out of the current fiscal year's budget or out of available funds. When funds are depleted, some pre-approved rebate requests may be held with other customer's rebate requests that are submitted late in the fiscal year, to be paid once additional funding is made available. Without available funding, these rebate requests may be held until the purchase date on the receipt is one-year past. Then, the rebate requests will be denied and returned to the customer.
- With the property owner's permission prior to installing the qualifying toilet(s), tenants may apply as a payee for a HE toilet and water-free urinal rebate.
- Rebates are only available on a first come, first serve basis. Rebates are limited and subject to available funds.
- Rebates are only available for customers and properties within the Marina Coast Water District service areas. The account must be in good standing.

- The Installation of any rebated device, appliance or fixture is the sole responsibility of the applicant, as is the determination of the adequacy and compatibility of the existing plumbing system.
- MCWD does not endorse specific brands, products or dealers; nor does it guarantee materials or workmanship; acceptance of such is customer's responsibility.
- MCWD assumes no responsibility or liability for any damage that may occur to an applicant's property as a result of participation in this program. Due to circumstances beyond its control, MCWD cannot guarantee that installation of rebated fixtures or measures will result in lower utility costs.
- All previous HET and UHET toilet installations count toward rebate quantity limits.
- New construction and replacement of HET or UHET toilets initially installed after 2006 do not qualify.
- All qualifying toilets must be EPA WaterSense labeled and/or MaP Premium-rated toilets. Only MaP PREMIUM-rated UHET's shall qualify for the optional and higher UHET rebate.
- Rebates are only provided when higher flow toilets and urinals are retrofitted to new, lower flow toilets and water-free urinals.
- The new HET's or UHET's installed may be single-flush or dual-flush models.
- MCWD may at any time, modify, suspend, or terminate this program without prior written notice.

Available Rebates

- The standard rebate for WaterSense labeled high-efficiency toilets (HET's) is equal to the net purchase price of the new toilet, not to exceed \$50.
 - An optional and higher rebate, up to \$75 per WaterSense labeled HET toilet, is available when the new toilet is the last or only HET or UHET toilet installed at an account, or when all toilets at an account are being retrofitted to HET or UHET toilets.
- The standard rebate for WaterSense labeled ultra-high efficiency toilets (UHET's) is equal to the net purchase price of the new toilet, not to exceed \$100.
 - An optional and higher rebate, up to \$200 is available when; the UHET toilet(s) is/are MaP PREMIUM-rated UHET toilet(s) and, when it is the last or only HET or UHET toilet installed at an account, or when all toilets at an account are being retrofitted to HET or UHET toilets.
- The standard rebate for retrofitting a conventional urinal to a water-free urinal is equal to the net purchase price of the new, water-free urinal not to exceed \$200.
 - An optional and higher rebate, up to \$300 is available when it is the last or only water-free urinal installed at an account, or when all urinals at an account are retrofitted to water-free urinals.

Marina Coast Water District
Groundwater Sustainability Agency
Agenda Transmittal

Agenda Item: 9-A1

Meeting Date: October 21, 2019

Prepared By: Patrick Breen

Approved By: Keith Van Der Maaten

Agenda Title: Consider Adopting Resolution No. 2019-GSA03 to Authorize the General Manager to Apply to the California Department of Water Resources to Obtain a Grant Under the 2019 Sustainable Groundwater Management (SGM) Grant Program Planning – Round 3 Grant Pursuant to the Water Quality, Supply, and Infrastructure Improvement Act of 2014 (Proposition 1) (Wat. Code, § 79700 et seq.) and/or the California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018 (Proposition 68) (Pub. Resources Code, § 80000 et seq.)

Staff Recommendation: The Board adopt Resolution No. 2019-GSA03 Authorizing the General Manager to apply to the California Department of Water Resources to obtain a grant under the 2019 Sustainable Groundwater Management (SGM) Grant Program Planning – Round 3 Grant pursuant to the Water Quality, Supply, and Infrastructure Improvement Act of 2014 (Proposition 1) (Wat. Code, § 79700 et seq.) and/or the California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018 (Proposition 68) (Pub. Resources Code, § 80000 et seq.)

Background: *5-Year 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.*

Detailed Description: The Marina Cost Water District Groundwater Sustainability Agency (MCWDGSA) entered into a Proposition 1 Grant Coordination Agreement with Salinas Valley Basin Groundwater Sustainability Agency (SVBGSA) and applied for Proposition 1 Sustainable Groundwater Management Grant (SGM) (Round 2) funding in November 2017 for the development of a coordinated Groundwater Sustainability Plan (GSP) in the Monterey Subbasin.

Pursuant to a coordination agreement between MCWDGSA & SVBGSA the Monterey Subbasin GSP will be developed jointly with the SVBGSA developing the Coral De Tierra area plan, while the MCWDGSA develops the remaining portions of the Monterey Subbasin.

MCWDGSA was awarded (the full) funding of \$1 million and successfully entered into a grant agreement with DWR in November 2018. The funding includes approximately \$836,000 for GSP development to be implemented by MCWDGSA as well as \$164,000 for GSP development to be implemented by SVBGSA, with a cost share requirement of 50%. SVBGSA's project is administered through MCWD's grant agreement with DWR.

MCWDGSA (if authorized by this resolution) will apply for part of the Proposition 68 SGM Grant (Round 3), that includes a total of \$47.25 million that is available to be awarded to projects in medium and high priority basins. The Round 3 PSP covers planning projects, such as development of GSPs. The PSP specifies that the new maximum funding per basin is \$2 million. Since

MCWDGSA has previously been awarded Proposition 1 SGM Grant (Round 2) funding, the maximum application amount during Round 3 is the difference between \$2 million and previously awarded amount. Therefore, a maximum of \$1 million funding is potentially available to the Monterey Subbasin to support its GSP development. The Proposition 68 SGM Grant (Round 3) requires a minimum local cost share 25 % of total proposal cost.

The District is required to adopt a resolution formally authorizing the General Manager to apply for the grant funding and has provided specific language to be included in the authorizing resolution attached.

A memorandum prepared by EKI Environment & Water is attached that provides additional process and scope details for this possible grant application.

Environmental Review Compliance: None required.

Financial Impact: Yes No Funding Source/Recap: a 25% Local Match will be required of the grant amount is awarded.

Other Considerations: None.

Materials Included for Information/Consideration: Resolution No. 2019-GSA03; and, EKI Memo dated October 11, 2019 Re: Information for Staff Report Regarding Proposition 68 Grant Funding.

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

Board Action

Motion By _____ Seconded By _____ No Action Taken _____

Ayes _____ Abstained _____

Noes _____ Absent _____

October 21, 2019

Resolution No. 2019-GSA03

Resolution of the Board of Directors

Marina Coast Water District Groundwater Sustainability Agency

Authorizing the General Manager to apply to the California Department of Water Resources to obtain a grant under the 2019 Sustainable Groundwater Management (SGM) Grant Program Planning – Round 3 Grant pursuant to the Water Quality, Supply, and Infrastructure Improvement Act of 2014 (Proposition 1) (Wat. Code, § 79700 et seq.) and/or the California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018 (Proposition 68) (Pub. Resources Code, § 80000 et seq.)

RESOLVED by the Board of Directors (“Directors”) of the Marina Coast Water District Groundwater Sustainability Agency (“District”), at a regular meeting duly called and held on October 21, 2019, at 211 Hillcrest Avenue, Marina, California as follows:

WHEREAS, Resolved by the Marina Coast Water District Groundwater Sustainability Agency, that application be made to the California Department of Water Resources to obtain a grant under the 2019 Sustainable Groundwater Management (SGM) Grant Program Planning – Round 3 Grant pursuant to the Water Quality, Supply, and Infrastructure Improvement Act of 2014 (Proposition 1) (Wat. Code, § 79700 et seq.) and/or the California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018 (Proposition 68) (Pub. Resources Code, § 80000 et seq.), and to enter into an agreement to receive a grant for the: GSP Development Activities in the Monterey Subbasin; and,

WHEREAS, the General Manager of Marina Coast Water District, or designee is hereby authorized and directed to prepare the necessary data, conduct investigations, file such application, and execute a grant agreement with California Department of Water Resources.

PASSED AND ADOPTED on October 21, 2019, by the Board of Directors of the Marina Coast Water District Groundwater Sustainability Agency by the following roll call vote:

Ayes: Directors _____

Noes: Directors _____

Absent: Directors _____

Abstained: Directors _____

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 Groundwater Sustainability Agency hereby certifies that the foregoing is a full, true and correct copy of MCWDGSA Resolution No. 2019-GSA03 adopted October 21, 2019.

Keith Van Der Maaten, Secretary

11 October 2019 - DRAFT

MEMORANDUM

To: Patrick Breen, Marina Coast Water District (MCWD)

From: Vera H. Nelson, P.E., EKI Environment & Water, Inc. (EKI)
Tina Wang, P.E., EKI Environment & Water, Inc.

Subject: Information for Staff Report Regarding Proposition 68 Grant Funding
(EKI B60094.03)

BACKGROUND

The California Department of Water Resources (DWR) is administering the Sustainable Groundwater Management Grant (SGM Grant) Program – Round 3 solicitation using funds authorized by the California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018 (Proposition 68) and the Water Quality, Supply, and Infrastructure Improvement Act of 2014 (Proposition 1). On 9 September 2019, DWR released the final Planning Grants Proposal Solicitation Package (PSP) for SGM Round 3 and associated Proposition 68 Grant Guidelines. The solicitation period is now open, and all applications must be submitted to DWR by 1 November 2019. Grant awards are anticipated in Winter 2019.

The Marina Cost Water District Groundwater Sustainability Agency (MCWD GSA) entered into a Proposition 1 Grant Coordination Agreement with Salinas Valley Basin Groundwater Sustainability Agency (SVBGSA) and applied for Proposition 1 SGM (Round 2) funding in November 2017 for the development of a coordinated Groundwater Sustainability Plan (GSP) in the Monterey Subbasin. MCWD GSA was awarded the full funding of \$1 million and successfully entered into a grant agreement with DWR in November 2018. The funding includes approximately \$836,000 for GSP development to be implemented by MCWD GSA as well as \$164,000 for GSP development to be implemented by SVBGSA, with a cost share requirement of 50%. SVBGSA's project is administered through MCWD's grant agreement with DWR.

As part of Proposition 68 SGM Grant (Round 3), a total of \$47.25 million is available to be awarded to projects in medium and high priority basins. The Round 3 PSP covers planning projects, such as development of GSPs. The PSP specifies that the new maximum funding per basin is \$2 million. For applicants with previous awards through Proposition 1 SGM Grant (Round 2), the maximum application amount during Round 3 is the difference between \$2 million and previously awarded amount. Therefore, a maximum of \$1 million funding is potentially available to the Monterey

Subbasin to support its GSP development. The Proposition 68 SGM Grant (Round 3) requires a minimum local cost share 25 % of total proposal cost.

The Proposition 68 SGM Grant (Round 3) solicitation is anticipated to be highly competitive. A total of 94 medium and high priority basins in California that are potentially eligible for the total \$47.25 million available. Additionally, grant awards will prioritize basins that have not received any awards during Round 2, which includes approximately 15 basins.

GRANT COORDINATION

Similar to Proposition 1 SGM Grant (Round 2) solicitation, only one application will be accepted per groundwater basin/subbasin. If there are multiple eligible agencies within a basin, the agencies must identify a single entity that will act as the grant applicant and submit a basin-wide application and receive the grant on behalf of the basin. Therefore, given that there are two GSAs within the Monterey Subbasin (i.e., the SVBGSA and the MCWD GSA), a coordinated approach to the grant application process is imperative.

MCWD GSA is working with SVBGSA to ensure that one coordinated application is submitted for the Monterey Subbasin. Similar to the process established for Proposition 1 SGM Grant (Round 2) application, MCWD GSA has proposed to be the applicant for the Monterey Subbasin. MCWD GSA will coordinate with SVBGSA to include additional projects components in the Monterey Subbasin grant application to be implemented by SVBGSA. SVBGSA will provide all required information for such project components and demonstrate matching funds.

In order for MCWD GSA to become the applicant for Proposition 68 funding for the Monterey Subbasin, DWR requires that the applicant's governing body (in this case the MCWD GSA Board) adopt a resolution authorizing the MCWD GSA to be the grant applicant. A draft copy of the resolution is attached.

PROPOSED GRANT APPLICATION COMPONENTS

The Monterey Subbasin was awarded \$1 million under the 2017 Proposition 1 SGM Grant (Round 2) to support GSP preparation, and therefore is eligible to apply for a maximum amount of \$1 million. GSP development is currently underway and several data gaps and additional analyses have been identified as crucial for developing a complete GSP. Successful development of the GSP hinges on coordinated efforts to integrate projects and management actions between subbasins to control seawater intrusion, as well as evaluating the impacts of these projects on the Monterey Subbasin. The goal of MCWD GSA's grant request is to develop additional numerical tools and information needed to support its GSP development and to support ongoing inter-and intra-basin coordination efforts with stakeholders. All of the identified tasks are new and were not included in the original GSP scope and budget (and Proposition 1 grant application). The need for these additional tasks was identified through extensive data gathering, analysis, and coordination with other agencies. These tasks include:

1. Further Intra- / Inter-basin Coordination: MCWD GSA has been meeting regularly with SVBGSA representatives and providing comments on draft chapters of the GSP for the 180/400 Foot Subbasin (180/400 Subbasin) which SVBGSA is developing, in coordination with MCWD GSA. The 180/400 Subbasin has been designated by DWR as critically overdrafted, therefore the 180/400 Subbasin GSP must be submitted to DWR by 31 January 2020. However, the 180/400 Subbasin, is only one of seven subbasins within the greater Salinas Valley Basin (“SVB”), and conditions in this subbasin are highly reliant on inflows to and outflows from adjacent subbasins, including the Monterey Subbasin. Regional projects are being proposed to address overdraft and seawater intrusion within the 180/400 Foot Subbasin and the Monterey Subbasin. However, GSPs for other Salinas Valley Basin subbasins are still under development and limited numerical modeling to assess potential impacts has been conducted to date due to the unavailability of the SVIHM. SVBGSA anticipates that the 180/400 Subbasin GSP analysis will continue to be updated following submission in January 2020 as the Salinas Valley Integrated Hydrologic Model (SVIHM) (or an alternative model) becomes available and information for other Salinas Valley Basin GSPs are being developed. Further funding is needed to facilitate MCWD GSA’s continued coordination with SVBGSA and other stakeholders as SGMA planning in the 180/400 Subbasin and Monterey Subbasin through January 2022 when the GSP for the Monterey Subbasin and other GSPs located in the greater Salinas Valley Basin are submitted.
2. Development of a Refined Basin-Specific Numerical Model: MCWD GSA’s original GSP scope anticipated refining and using the SVIHM for GSP numerical modeling analysis. To date, the SVIHM or a draft form of the model has not been made available to local GSAs. Discussions with Monterey County Water Resources Agency and U.S. Geological Services have revealed that the model is likely not refined and/or sufficiently calibrated within the Monterey Subbasin to simulate the basin’s coastal hydrogeological characteristics or evaluate potential projects needed to stop seawater intrusion. In addition, conditions in the Monterey Subbasin are complicated by the present of residual groundwater contamination from historical operations at the former Fort Ord, which overlies approximately one-half of the basin’s area. Further funding for groundwater modeling will allow MCWD GSA to develop a basin-specific numerical model that integrates the extensive data and modeling conducted by the United States Army Corps of Engineers with other available information developed for the Monterey Subbasin and adjacent basins. This model will be used to develop a water budget that distinguishes between seawater and freshwater inflows and inform GSAs of the impacts of potential projects on groundwater conditions within former Fort Ord and on seawater intrusion
3. 2019 Airborne Electromagnetic Survey: The Monterey Subbasin overlies a coastal area with complex hydrogeologic conditions. The 2017 Airborne Electromagnetic (AEM)

Survey provided valuable data with respect to the understanding of aquifer characteristics and the areas and extents of seawater intrusion within the subbasin's aquifers. The 2017 AEM Survey also provided a better understanding of the recharge mechanism and the extent of freshwater present in the Dune Sand and Upper 180-Foot Aquifers. In the Spring of 2019, MCWD initiated a second AEM survey over the 2017 AEM Study area as well as other nearby area including the southern portion of the Monterey Subbasin and the Seaside Subbasin. The second survey is designed to fill data gaps regarding hydrogeology outside of the original AEM Study Area and provide temporal comparison of water quality in the AEM Study Area between drought conditions recorded in 2017 and more normal hydrologic conditions observed in 2019. The 2019 AEM survey and analysis is crucial to the development of a complete Monterey Subbasin GSP. It will aid in characterizing variability in freshwater recharge and its effects on seawater intrusion. This information will provide valuable data for estimating the basin water budget and will inform numerical modeling of the basin.

A detailed cost estimate for the completion of these tasks will be included in the grant application. The scope of these tasks may be modified depending on information obtained from SVBGSA. It is estimated that the total budget for completion of these tasks will range between \$600,000 to \$700,000. If funded, the required cost share contribution by MCWD GSA will be \$150,000 to \$175,000.

Proposition 68 SGM Grant (Round 3) funding will support completion of a fully compliant GSP that will have the benefit of continued coordination with key stakeholders, a refined basin-specific model developed under the oversight of MCWD GSA and coordinated with SVBGSA, and temporal seawater intrusion information that will aid in understanding the basin water budget. Regardless of additional funding from Proposition 68 SGM Grant (Round 3), a final GSP will be submitted to DWR by the January 2022 deadline. However, in the absence of the completion of these additional tasks more questions and concerns are likely to be raised by stakeholders and significant data gaps and sources of uncertainty will remain, which will need to be addressed during the implementation phase of the GSP.

Attachments:

Attachment A: Draft Resolution Authorizing the MCWD GSA to be the Proposition 68 Grant Applicant for the Monterey Subbasin

Marina Coast Water District
Agenda Transmittal

Agenda Item: 11-A

Meeting Date: October 21, 2019

Prepared By: Keith Van Der Maaten

Approved By: Keith Van Der Maaten

Agenda Title: Consider Adoption of Resolution No. 2019-74 Making Determination of Lack of Unused Capacity Available in MCWD's Water Conveyance Facility per California-American Water Company Request (Water Code §1813)

Staff Recommendation: The Board of Directors Adopt Resolution No. 2019-74, Making Determination of Lack of Unused Capacity Available in MCWD Water Conveyance Facility per California-American Water Company Request (Water Code §1813)

Background: *5-Year 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.*

On or about April 9, 2009, Marina Coast Water District ("MCWD") and California-American Water Company ("CAW") entered into a Potable Water Wheeling Agreement (the "Agreement") whereby the parties agreed to plan, design, construct, and operate a potable water conveyance facility to be 100% owned by MCWD, which is located along General Jim Moore Boulevard (the "Subject Facility" or "Subject Pipeline"). The Agreement authorized CAW to use certain unused capacity in the Subject Facility for the conveyance of Carmel River water for the Monterey Peninsula Water Management District's ("MPWMD") Phase 1 Aquifer Storage Recovery Project (the "ASR Project"). Pursuant to State Water Resources Control Board permits 20808A and 20808C, the ASR Project was authorized to divert up to 5,326 acre feet per year ("AFY") of Carmel River water for injection into the Seaside Basin during the December through May period and then withdraw that water from the basin during the June through November period for direct use on the Monterey Peninsula.

In September 2016, MCWD was informed by the Underground Service Alert that CAW intended to perform digging or trenching on, or in close proximity to, MCWD's Subject Facility at the intersection of Hilby and General Jim Moore Blvd. CAW had not informed or coordinated with MCWD about any new connections to the Subject Facility. MCWD interpreted the notice as evidence of CAW's intent to unilaterally use the Subject Facility for CAW's Monterey Peninsula Water Supply Project ("MPWSP"), a desalinization plant which is now planned to provide approximately 6,252 AFY. MCWD determined, and continues to determine, that use for MPWSP is not authorized pursuant to the Agreement.

Upon communication between MCWD and CAW, CAW represented that the activity was for the purpose of transporting Phase 2 of MPWMD's ASR Project through the Subject Facility. By letter dated November 21, 2016, MCWD authorized the use of the Subject Facility for ASR Project Phase 2 water.

In a letter dated December 1, 2016, CAW asserted that CAW was authorized under the Agreement to use the Subject Facility for the transportation of MPWSP water. CAW also asserted that

independent of the Agreement CAW had the right to use the Subject Facility pursuant to the Joint Use of Capacity in Water Conveyance Facilities Statute, commonly referred to as the Wheeling Statute (Water Code §1810, *et seq.*). In a letter dated December 9, 2016, MCWD disagreed with CAW that the CAW was authorized under the Agreement to use the Subject Facility for transportation of MPWSP sourced-water. Since then, MCWD and CAW have been coordinating and sharing information relative to demand and operational requirements such that MCWD could determine the extent to which there is unused capacity in the Subject Facility and whether, in light of MCWD's prior rights to use the Subject Facility for its own purposes and agreement to allow CAW to use the Subject Facility for ASR Phases 1 and 2 purposes, whether the unused capacity available could accommodate the demands of the MPWSP.

Additionally, in 2016, MCWD and Monterey One Water ("M1W") entered into an Agreement to construct a joint recycled water pipeline and treatment facilities as part of the Pure Water Monterey ("PWM") project and MCWD's Regional Urban Water Augmentation Project ("RUWAP") that would allow for injecting advanced treated recycled water into the Seaside basin and for use as irrigation water for MCWD. The PWM project is dependent on the use of the Subject Facility to recover injected PWM water in order for the PWM project to accomplish its project purposes. Therefore, water from the PWM project is considered to be an MCWD use of the Subject Facility in evaluating available pipeline capacity and priority of use. Use of the pipeline for PWM water is still subject to paying its share of Wheeling Charges and complying with MCWD's terms and conditions and operational control of the Subject Facility.

Discussion/Analysis: Water Code §1811(e) provides a specific definition of "unused capacity" and Water Code §1813 authorizes the Board of Directors to make specific findings and determinations in that regard. The Wheeling Statute (Water Code §§1810-1814) requires a public agency to make "unused capacity" within its conveyance facility available to "bona fide transferors" of water for "fair compensation". The statutes also prescribe the manner in which a local agency may make findings to determine whether or not there exists sufficient unused capacity which can reasonably be made available to the bona fide transferor.

Water Code §1811(e) provides a very specific definition of "unused capacity": "Unused capacity" means space that is available within the operational limits of the conveyance system and that the owner is not using during the period for which the transfer is proposed and which space is sufficient to convey the quantity of water proposed to be transferred.

Water Code Section 1814 states, "This article [i.e., the Wheeling Statute] shall apply to only 70 percent of the unused capacity." Section 1814 further provides a limitation on the amount of unused capacity available for use by a transferor, e.g., CAW.

For a public agency to become obligated to make unused capacity available, there are specific criteria which must be answered in the affirmative. With regards to CAW's request to use MCWD's Subject Facility for transporting MPWSP water, those criteria are:

- A. There is space that is available within the operational limits of the Subject Facility during the entire requested period; and
- B. MCWD is not using that available space in the Subject Facility during the entire period for which CAW is proposing to transfer MPWSP in the Subject Facility; and

- C. The available space is sufficient to convey the quantity of MPWSP water during the entire requested period; and
- D. After application of the Water Code section 1814's 70% limitation, the available space is sufficient to convey the quantity of MPWSP water during the entire requested period.

If any of the above parameters are answered in the negative, by definition there is no "unused capacity" available in the Subject Facility ("available capacity") and therefore MCWD may refuse to allow CAW to use the Subject Facility for the transportation of MPWSP water under CAW's "all or nothing" request.

MCWD understands that CAW's request to use the Subject Facility was an "all or nothing" request, that is CAW wanted to use the Subject Facility at all times without any constraints on its use of the Subject Facility to convey MPWSP desalinated water as well as ASR water over the projected sixty-year life of the MPWSP. As the accompanying engineering analysis demonstrates, there will be significant constraints and limitations in CAW's use of the Subject Facility starting with the operation of PWM. Further constraints and limitations on CAW's use will occur when service begins for MCWD's South Ord service area and further as water demands there increase.

CAW has represented that the life of the MPWSP is sixty (60)+ years, meaning there would need to be sufficient unused available capacity in MCWD's Subject Facility for that duration of time. To date, CAW has provided no information which would indicate it would require use of unused capacity available in MCWD's Subject Facility for a duration of less than the sixty-year period

I have independently reviewed the analysis of the Subject Facility as presented in *Schaaf & Wheeler Memorandum dated October 17, 2019 and attachments ("Schaaf Memo")*, attached hereto and incorporated herein as Exhibit "A". In arriving at the proposed determinations set forth below, MCWD has analyzed current and future demands on the Subject Facility relative to CAW's MPWSP requirements both in terms of peak hourly demands ("PHD") and maximum day demands (plus MCWD's fire flow requirements) ("MDD"). The analysis only considered the limiting conditions (MDD and PHD), which occur in the ASR extraction season (June through November) when the ASR wells are operating at full extraction capacity (either recovering ASR supply or PWM supply). During non-peak periods, velocities in the Subject Facility will be lower, and during the ASR injection season (winter and spring months), the net flow rate in the Subject Facility may be from south to north (toward the ASR wells) rather than north to south (toward the MCWD and Cal Am customers).

Additionally, under the Wheeling Statute only up to 70% of the unused capacity in a water conveyance facility is required to be made available to a "bona fide transferor of water" as "available capacity". The existing "available capacity" in the Subject Facility has therefore been determined as follows:

- 1) By calculating the "maximum capacity" of the Subject Facility using the velocity limits for both MDD plus Fire Flow, and for PHD; then,
- 2) By subtracting the fire flows (if applicable) from the "maximum capacity" to determine the "net available capacity"; then,
- 3) By subtracting from the "net available capacity" the baseline water uses already committed to the Subject Facility for MCWD's customers, for existing ASR, and for PWM uses from existing agreements to determine "unused capacity"; and then,

4) By multiplying the “unused capacity” by 70% (applying Water Code Section 1814) to determine the “available capacity” in the Subject Facility that could be used for either PWM Expansion or for Desal.

Currently Committed Pipeline Uses

Committed uses of the Subject Facility currently include the following: (1) potable water supplies from any source to serve MCWD new and existing customers, (2) subject to Water Code Sections 1810-1814, potable water supplies related to projects, which MCWD is a participant or has otherwise agreed to allow the use of the Subject Facility to implement the total project, e.g., Pure Water Monterey Project; and, (3) Phases 1 and 2 of the ASR Project.

As shown in the Base Reuse Plan and in the District’s 2015 Urban Water Management Plan, MCWD use of the Subject Facility for MCWD’s South Ord service area is projected to be 973 acre-feet per year (AFY).

Land Use Jurisdiction	Water (AFY)
City of Monterey	130
City of Seaside	492
Del Rey Oaks	351
TOTAL	973

Deliveries to the South Ord service area are now projected to commence within the next five years based on MCWD’s knowledge of development that is projected to occur in working with the Land Use Jurisdictions. In fact, MCWD is currently in progress designing the pipeline in South Boundary Road that will serve Del Rey Oaks and Monterey. See MCWD Board of Directors Resolution No. 2019-69 adopted September 16, 2019, and the MCWD Staff Agenda Transmittal, references cited therein, and attachments. To summarize the committed uses of the Subject Facility:

1. By year 2020, PWM along with ASR will require approximately 6,411 GPM.
2. Within the next five years and escalating by year 2035, MCWD will require up to approximately 2,078 GPM (peak hour demand condition) to serve 973 AFY to Monterey, Seaside and Del Rey Oaks (collectively, South Ord service area).

Available Unused Capacity

According to the Schaaf Memo analyzing CAW’s request under the Water Wheeling Statute in light of MCWD’s prior rights and projected demands, the following analysis was provided (and summarized in “Table 3” below):

- Under the Maximum Day Demand plus Fire Flow condition, the maximum capacity in the subject pipeline is 16,371 gpm, the fire flow is 3,000 gpm, and the existing uses total 7,450 gpm (1,039 gpm for MCWD customers and 6,411 gpm for ASR/PWM), resulting in an unused capacity of 5,921 gpm. The available capacity, calculated as 70% of the unused capacity, is 4,145 gpm under the Maximum Day Demand Condition.
- Under the Peak Hour Demand condition, which is the more restrictive of the two, the maximum capacity in the subject pipeline is 11,694 gpm, and the existing uses total 8,489 gpm (2,078

gpm for MCWD customers and 6,411 gpm for ASR/PWM), resulting in an unused capacity of 3,205 gpm. The available capacity, calculated as 70% of the unused capacity, is 2,244 gpm under the Peak Hour Demand Condition.

- PWM Expansion would require 4,000 gpm of conveyance capacity under both maximum day and peak hour demand. According to the analysis, there is 4,145 gpm of available capacity in the subject pipeline under the Maximum Day Demand condition which is sufficient for PWM expansion; however, under the Peak Hour Demand condition there is only 2,244 gpm of available capacity in the subject pipeline which is insufficient for PWM expansion.
- The MPWSP desal would require 6,049 gpm of conveyance capacity under both maximum day and peak hour demand. According to the analysis, there is 4,145 gpm of available capacity in the subject pipeline under the Maximum Day Demand condition which is insufficient for the MPWSP desal. Additionally, under the Peak Hour Demand condition there is 2,244 gpm of available capacity in the subject pipeline which is insufficient for the MPWSP desal.

The following Table 3 from the Schaaf Memo summarizes the analysis for available capacity in the Subject Facility:

Table 3: Capacity Analysis

	Max Day plus Fire		Peak Hour Demand	
	gpm	mgd	gpm	mgd
Maximum Capacity	16,371	23.6	11,694	16.8
Fire Flow	3,000	4.3	0	0.0
Net Available Capacity	13,371	19.3	11,694	16.8
MCWD Use	1,039	1.5	2,078	3.0
ASR/PWM Use	6,411	9.2	6,411	9.2
Unused Capacity	5,921	8.5	3,205	4.6
Joint Use Statute Percentage	70%		70%	
Available Capacity	4,145	6.0	2,244	3.2
PWM Expansion (Max Flow)	4,000	5.8	4,000	5.8
Desal (Max Flow)	6,049	8.7	6,049	8.7

Based on the analysis and supporting documentation as to Criteria A, B, C, and D stated above, it is recommended that the MCWD Board make the following determinations relative to CAW's request pursuant to the Wheeling Statute to use the Subject Facility to transport MPWSP water at all times during the entire 60-year life of the MPWSP:

Determination 1: Once PWM use commences, there will not be sufficient unused capacity within MCWD's Subject Facility under the Peak Hour Demand and Maximum Day Demand (plus fire flows) criteria to accommodate MPWSP's desalinated water demand at least during the June through November period during the entire 60-year life of the MPWSP.

Determination 2: Because the MCWD, PWM, and ASR uses constitute MCWD used capacity under the Wheeling Statute, those uses will take priority over CAW's MPWSP requirements. There will not be sufficient unused capacity during the entire 60-year life of the MPWSP at least during the June through November period to convey the MPWSP water under either the Peak Hour Demand and Maximum Day Demand criteria.

Determination 3: As limited by Water Code §1814, there is not sufficient unused capacity available in MCWD's Subject Facility at least during the June through November period during the entire 60-year life of the MPWSP as requested by CAW.

Recommended Action: _____

Environmental Review Compliance: None required.

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

Other Considerations: The Board may suggest changes to the response or provide additional direction on how to respond.

Material Included for Information/Consideration: Resolution No. 2019-74; Exhibit A - *Schaaf & Wheeler Memorandum dated October 17, 2019 with attachments*; all others reference and supporting materials to Exhibit A are available on MCWD's website.

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

Board Action

Motion By _____ Seconded By _____ No Action Taken _____

Ayes _____ Abstained _____

Noes _____ Absent _____

October 21, 2019

Resolution No. 2019-74
Resolution of the Board of Directors
Marina Coast Water District
Making Determination of Lack of Unused Capacity
Available in MCWD's Water Conveyance Facility per
California-American Water Company Request (Water Code §1813)

RESOLVED by the Board of Directors ("Directors") of the Marina Coast Water District ("District" or "MCWD"), at a regular meeting duly called and held on October 21, 2019 at 211 Hillcrest Avenue, Marina, California as follows:

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

WHEREAS, on or about April 9, 2009, Marina Coast Water District ("MCWD") and California-American Water Company ("CAW") entered into a Potable Water Wheeling Agreement (the "Agreement") whereby the parties agreed to plan, design, construct, and operate a potable water conveyance facility to be 100% owned by MCWD, which is located along General Jim Moore Boulevard (the "Subject Facility"); and,

WHEREAS, the Agreement authorizes CAW to use certain unused capacity in the Subject Facility for the conveyance of Carmel River water for the Monterey Peninsula Water Management District's ("MPWMD") Phase 1 Aquifer Storage Recovery Project (the "ASR Project"). Pursuant to State Water Resources Control Board permits 20808A and 20808C, the ASR Project is authorized to divert up to 5,326 acre feet per year ("AFY") of Carmel River water for injection into the Seaside Basin during the December through May period and then withdraw that water from the basin during the June through November period for direct use on the Monterey Peninsula; and,

WHEREAS, in September 2016, MCWD was informed by the Underground Service Alert that CAW had provided a notice intent to perform digging or trenching on, or in close proximity to MCWD's Subject Facility. CAW had not notified MCWD about any new connections to the Subject Facility. MCWD interpreted the notice as evidence of CAW's intent to unilaterally use the Subject Facility for CAW's Monterey Peninsula Water Supply Project ("MPWSP"), a desalinization plant which is now planned to provide approximately 6,252 AFY. MCWD determined, and continues to determine, that use for MPWSP is not authorized pursuant to the Agreement; and,

WHEREAS, during communications between MCWD and CAW, CAW represented that the recent activity was for the purpose of transporting Phase 2 of MPWMD's ASR Project through the Subject Facility. By letter dated November 21, 2016, MCWD authorized the use of the Subject Facility for ASR Project Phase 2 water; and,

WHEREAS, CAW contends that it is authorized to use the Subject Facility for transportation of MPWSP water and CAW also asserts that independent of the Agreement CAW

has the right to use the Subject Facility pursuant to the Joint Use of Capacity in Water Conveyance Facilities Statute, commonly referred to as the Wheeling Statute (Water Code §1810, *et seq.*); and,

WHEREAS, MCWD understands that CAW's request to use the Subject Facility is an "all or nothing" request, that is, CAW wants to use any unused capacity in the Subject Facility at all times without any constraints to convey MPWSP desalinated water as well as ASR water over the projected sixty-year life of the MPWSP; and,

WHEREAS, MCWD and CAW have been sharing information relative to their respective demand and operational requirements; and,

WHEREAS, MCWD and Monterey One Water ("M1W") entered into the 2016 Agreement to construct a joint recycled water pipeline and treatment facilities as part of the Pure Water Monterey ("PWM") project and MCWD's Regional Urban Water Augmentation Project ("RUWAP") that would inject advanced treated recycled water into the Seaside basin and for use as irrigation water for MCWD. The PWM project is dependent on the use of the Subject Facility to recover injected PWM water in order for the PWM project to accomplish its project purposes; and,

WHEREAS, Water Code §1811(e) states, "Unused capacity" means space that is available within the operational limits of the conveyance system and that the owner is not using during the period for which the transfer is proposed and which space is sufficient to convey the quantity of water proposed to be transferred; and,

WHEREAS, Water Code Section 1814 states, "This article [i.e., the Wheeling Statute] shall apply to only 70 percent of the unused capacity"; and,

WHEREAS, the Board of Directors is authorized pursuant to Water Code §1813 to determine the extent to which there is unused capacity in the Subject Facility to accommodate CAW's request to transport MPWSP water.

NOW, THEREFORE, BE IT RESOLVED, that the MCWD Board of Directors, after consideration of the information contained in the October 17, 2019 Agenda Transmittal and related documents, public comments and other documentation, make the following findings and determinations:

1. Determination No. 1: Once PWM use commences, there will not be sufficient unused capacity within MCWD's Subject Facility under the Peak Hour Demand and Maximum Day Demand (plus fire flows) criteria to accommodate MPWSP's desalinated water demand at least during the June through November period during the entire 60-year life of the MPWSP.

2. Determination No. 2: Because the MCWD, PWM, and ASR uses constitute MCWD used capacity under the Wheeling Statute, those uses will take priority over CAW's MPWSP requirements. There will not be sufficient unused capacity during the entire 60-year life of the MPWSP at least during the June through November period to convey the MPWSP water under either the Peak Hour Demand and Maximum Day Demand criteria.

3. Determination No. 3: As limited by Water Code §1814, there is not sufficient unused capacity available in MCWD's Subject Facility at least during the June through November period during the entire 60-year life of the MPWSP as requested by CAW.

FURTHER RESOLVED, MCWD's General Manager is authorized to take all actions reasonably necessary to effectuate the findings and determinations herein.

PASSED AND ADOPTED on October 21, 2019, 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. 2019-74 adopted October 21, 2019.

Keith Van Der Maaten, Secretary

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Schaaf & Wheeler
CONSULTING CIVIL ENGINEERS

MEMORANDUM

TO: Keith Van Der Maaten, PE, MCWD DATE: October 17, 2019
FROM: Andrew Sterbenz, PE JOB#: MCWD.46.17:001
SUBJECT: MCWD General Jim Moore Blvd Pipeline Capacity

The purpose of this memorandum is to summarize our analysis of flow capacity in the Marina Coast Water District (MCWD) pipeline subject to the Water Wheeling Agreement with California American Water Company (Cal Am). MCWD owns a 30-inch ductile iron potable water pipeline in General Jim Moore Blvd (GJMB) in Seaside. Cal Am leases capacity in that pipeline under a Potable Water Wheeling Agreement dated April 8, 2009. The subject pipeline segment runs generally south from Coe Avenue/Eucalyptus Road to Plumas Avenue. The 20-inch MCWD pipeline connected at the north end of the subject pipeline is not part of the Wheeling Agreement. The subject pipeline is currently used by Cal Am to convey flows originating in the Carmel River to and from the Aquifer Storage and Recovery (ASR) project, which has wells ASR-1 and ASR-2 located at the Santa Margarita site (southeast of the corner of General Jim Moore Blvd and Coe Avenue/Eucalyptus Road) and wells ASR-3 and ASR-4 at Fitch School northeast of that intersection. MCWD constructed the pipeline to serve future customers south of Eucalyptus Road, but no development requiring service has yet occurred. A system schematic is attached as Figure 1.

The Cal Am Monterey Peninsula Water Supply Project (MPWSP) is proposed to develop new water supplies in order to reduce the amount of water currently used from the Carmel River and Carmel Groundwater Basin. The Final Environmental Impact Report/Environmental Impact Statement (EIR/EIS) for the project was published in March 2018. The project includes a desalination plant to be located north of Marina and a transmission pipeline connecting the proposed treatment plant to the subject 30-inch pipeline. The MPWSP includes a 6.4 mgd desalination plant and the purchase of 3,500 AFY of water supply from the Pure Water Monterey Groundwater Replenishment Project. Information on the MPWSP was taken from Table 3-1 and Table 5.4-9 of the Final EIR/EIS.

Cal Am's service area includes the portions of Monterey, Del Rey Oaks and Seaside outside of the former Fort Ord (the Ord Community), generally west of General Jim Moore Blvd and south of Coe Avenue. Water conveyed to the ASR wells enters the subject pipeline at the south end near Plumas Avenue and exits at the Santa Margarita well site, and water extracted from those wells leaves the pipeline at Hilby Avenue near the south end. The ASR wells pipe network (separate from the subject pipeline) could be connected to the Cal Am Paralta well site at the corner of Coe Avenue and General Jim Moore Blvd, but that connection has not yet been constructed.

Available pipeline capacity is calculated using MCWD's published Procedures, Guidelines and Design Requirements (PGDR). Section 400.1 of the PGDR directs that water pipelines shall be sized so that maximum velocity does not exceed 5 feet/sec during peak hour flows, and does not exceed 7 feet/sec during maximum day demand plus fire flow. Peak hour demand (PHD) flow is defined as 4 times the average daily demand (ADD), and maximum day demand (MDD) is defined as 2 times the average day

demand. Fire flows are assumed to be 3,000 gpm based on commercial development¹, which equals 6.7 cfs. The calculated flow rates are:

Peak Hour Demand: $Q = VA = (5 \text{ ft/s})(5.2 \text{ SF}) = 26.1 \text{ cfs} = 11,694 \text{ gpm}$

Where: Q = Flow, in cubic feet per second (cfs) or gallons per minute (gpm)

V = velocity in feet/second

A = pipe area = $\pi D^2/4$

D = pipe inner diameter = 30.91 inches for 30-inch ductile iron pipe

1 cfs = 448.8 gpm

Maximum Day Demand plus Fire Flow: $Q = VA - \text{Fire Flow}$

= $(7 \text{ ft/s})(5.2 \text{ SF}) - 6.7 \text{ cfs}$

= $36.5 \text{ cfs} - 6.7 \text{ cfs} = 29.8 \text{ cfs}$

= $16,371 \text{ gpm} - 3,000 \text{ gpm} = 13,371 \text{ gpm}$

MCWD's future water demands south of Eucalyptus Road are estimated using the current land zoning for parcels within the Ord Community, and the demand factors developed in the MCWD Draft 2019 Water Master Plan. The calculated future water use by parcel is in Table 1, attached. Parcel numbers and sizes were obtained from the U.S Army Corps of Engineers Fort Ord Cleanup website, and land uses are from the municipal zoning maps for Seaside, Del Rey Oaks and Monterey. The average, maximum day and peak hour flow rates are tabulated below. For this analysis, the full demand is assumed to enter the subject pipeline at the north end and exit at the south end.

Table 2: MCWD Customer Demand Projections at Buildout

Jurisdiction	ADD		MDD		PHD	
	gpd	gpm	gpm	mgd	gpm	mgd
Seaside	312,997	217	435	0.6	869	1.3
DRO	381,946	265	530	0.8	1061	1.5
Monterey	52,982	37	74	0.1	147	0.2
Total	747,925	519	1039	1.5	2078	3.0

The existing ASR system (wells ASR-1 to ASR-4) is permitted by the State Water Resources Control Board² to inject up to 5,326 acre-feet per year (AFY) under water right permits 20808A and 20808C. Diversions may be made from December 1 to May 31, with a combined maximum diversion rate of 14.7 cfs, or 6,600 gpm. The existing ASR system is intended to inject and extract at wells ASR-1 to ASR-4, but injected water may also be extracted at other Cal Am wells in the Seaside Groundwater Basin. The well pairs operate as a single site when extracting or back-flushing, so either Well ASR-1 or ASR-2 may operate, and either well ASR-3 or ASR-4 may operate. The maximum flow contribution to the subject pipeline is 6,411 gpm, which is the sum of the two largest wells, ASR-1 and ASR-4³.

The Pure Water Monterey (PWM) Project will produce and inject 3,500 AFY of advanced treated water into the Seaside Groundwater Basin for use by Cal Am. This water may be extracted at the existing ASR wells or any existing Seaside Groundwater Basin production well. The project does not increase the

¹ Fire flow rate from Section 400.8.2 of the MCWD PGDR.

² Diversion permitted by Division of Water Rights, injection permitted by Division of Drinking Water

³ Well capacities from the Summary Operations Report for the Monterey Peninsula ASR Project, WY 2017.

maximum production rate of the existing ASR wells, but allows additional extraction using those wells. For this analysis, therefore, the peak flow coming from ASR and PWM projects are treated as a single maximum flow of 6,411 gpm (9.2 mgd). This is labeled as ASR/PWM Well production in the tables.

In May 2009, Monterey One Water published a CEQA Notice of Preparation for the Pure Water Monterey (PWM) Expansion, which would produce and inject an additional 2250 AFY of advanced treated water into the Seaside Groundwater Basin for use by Cal Am. This water would be extracted at up to four new wells connected to the existing ASR system pipelines at the north end of the subject pipeline. Two of these wells may be configured as future ASR wells (ASR-5 and ASR-6), assumed to have a production capacity of 3,000 gpm, similar to ASR-1 and ASR-4. The other two wells will be extraction-only, and are assumed to have a nominal capacity of 1000 gpm. It is assumed that these wells will operate as pairs, similar to the existing ASR well pairs. The maximum flow from the PWM Expansion is therefore 4,000 gpm (5.8 mgd). The Notice of Preparation identifies the needs for a separate conveyance pipeline to convey some or all of this flow south to the Cal Am distribution system.

The proposed 6.4 mgd desalination plant will have a maximum month production of 813 AF, which equates to 8.7 mgd (831 AF x 12 mo / 1120 AFY/mgd), or 6,049 gpm. Treatment facilities typically operate at a constant production rate, filling in-system storage tanks during diurnal low-demand periods and draining storage tanks during diurnal high-demand periods. Cal Am's storage reservoirs are located south of the subject pipeline, so only the Cal Am maximum month production rate must be considered in the pipeline analysis.

Analysis

Our analysis of the subject pipeline is summarized in Table 3 (below). We only consider the limiting conditions (MDD and PHD), which occur in the ASR extraction season (June through November) when the ASR wells are operating at full extraction capacity (either recovering ASR supply or PWM supply). During non-peak periods velocities in the pipeline will be lower, and during the ASR injection season (winter and spring months) the net flow rate in the pipeline may be from south to north (toward the ASR wells) rather than north to south (toward the MCWD and Cal Am customers).

Additionally, per the California Water Code provisions on Joint Use of Water Conveyance Facilities⁴, up to 70% of the unused capacity in a water conveyance facility may be contracted to a "bona fide transferor of water" as "available capacity". The existing "available capacity" in the subject pipeline is determined as follows:

1. Calculate the "maximum capacity" of the subject pipeline using the velocity limits for both MDD plus Fire Flow, and for PHD; then
2. Subtract fire flows (if applicable) from the "maximum capacity" to determine the "net available capacity"; then
3. Subtract from the "net available capacity" the baseline water uses already committed to the pipeline for MCWD's customers, for existing ASR and for PWM use from existing agreements to determine the "unused capacity"; and then

⁴ Water Code Division 2, Part 2, Chapter 11, Article 4, §1810-1814

4. Multiply the "unused capacity" by 70% to determine the "available capacity" in the subject pipeline that could be used for either Pure Water Monterey Expansion or for MPWSP Desal.

Under the Maximum Day Demand plus Fire Flow condition, the maximum capacity in the subject pipeline is 16,371 gpm, the fire flow is 3,000 gpm, and the existing uses total 7,450 gpm (1,039 gpm for MCWD customers and 6,411 gpm for ASR/PWM), resulting in an unused capacity of 5,921 gpm. The available capacity, calculated as 70% of the unused capacity, is 4,145 gpm under the Maximum Day Demand Condition.

Under the Peak Hour Demand condition, which is the more restrictive of the two, the maximum capacity in the subject pipeline is 11,694 gpm, and the existing uses total 8,489 gpm (2,078 gpm for MCWD customers and 6,411 gpm for ASR/PWM), resulting in an unused capacity of 3,205 gpm. The available capacity, calculated as 70% of the unused capacity, is 2,244 gpm under the Peak Hour Demand Condition.

Table 3: Capacity Analysis

	Max Day plus Fire		Peak Hour Demand	
	gpm	mgd	gpm	mgd
Maximum Capacity	16,371	23.6	11,694	16.8
Fire Flow	3,000	4.3	0	0.0
Net Available Capacity	13,371	19.3	11,694	16.8
MCWD Use	1,039	1.5	2,078	3.0
ASR/PWM Use	6,411	9.2	6,411	9.2
Unused Capacity	5,921	8.5	3,205	4.6
Joint Use Statute Percentage	70%		70%	
Available Capacity	4,145	6.0	2,244	3.2
PWM Expansion (Max Flow)	4,000	5.8	4,000	5.8
Desal (Max Flow)	6,049	8.7	6,049	8.7

PWM Expansion would require 4,000 gpm of conveyance capacity under both maximum day and peak hour demand. According to the analysis, there is 4,145 gpm of available capacity in the subject pipeline under the Maximum Day Demand condition which is sufficient for PWM expansion; however, under the Peak Hour Demand condition there is only 2,244 gpm of available capacity in the subject pipeline which is insufficient for PWM expansion.

The MPWSP desal would require 6,049 gpm of conveyance capacity under both maximum day and peak hour demand. According to the analysis, there is 4,145 gpm of available capacity in the subject pipeline under the Maximum Day Demand condition which is insufficient for the MPWSP desal. Additionally, under the Peak Hour Demand condition there is 2,244 gpm of available capacity in the subject pipeline which is insufficient for the MPWSP desal.

Attachments

1. Figure 1, Subject Pipeline Schematic Diagram
2. Table 1, Water Demand Estimate by Zoning

References:

1. [Cal Am Monterey Peninsula Water Supply Project, Final EIR/EIS prepared by ESA, March 2018](#)
2. [Drawings for the Cal Am Monterey Peninsula Water Supply Project: ASR Pipeline Extension, Transfer Pipeline and Monterey Pipeline, prepared by AECOM, 2015](#)
3. [MCWD 2015 Urban Water Management Plan, prepared by Schaaf & Wheeler, 2016](#)
4. [MCWD Water Master Plan, prepared by Akel Engineering Group, 2019](#)
5. [MCWD Procedures, Guidelines and Design Requirements, revised July 2015](#)
6. [MPWMD Water Right Permits 20808A and 20808C, downloaded from the SWRCB Electronic Water Rights Information System \(eWRIMS\)](#)
7. [Summary of Operations, Monterey Peninsula ASR Project, Water Year 2017](#), prepared by Pueblo Water Resources, May 2019
8. [Pure Water Monterey Expansion, Notice of Preparation, May 2019](#)
9. U.S. Army Corps of Engineers, Fort Ord Cleanup website, <http://fortordcleanup.com/parcel-search-tool/>

Table 1, Water Demand Estimate by Zoning

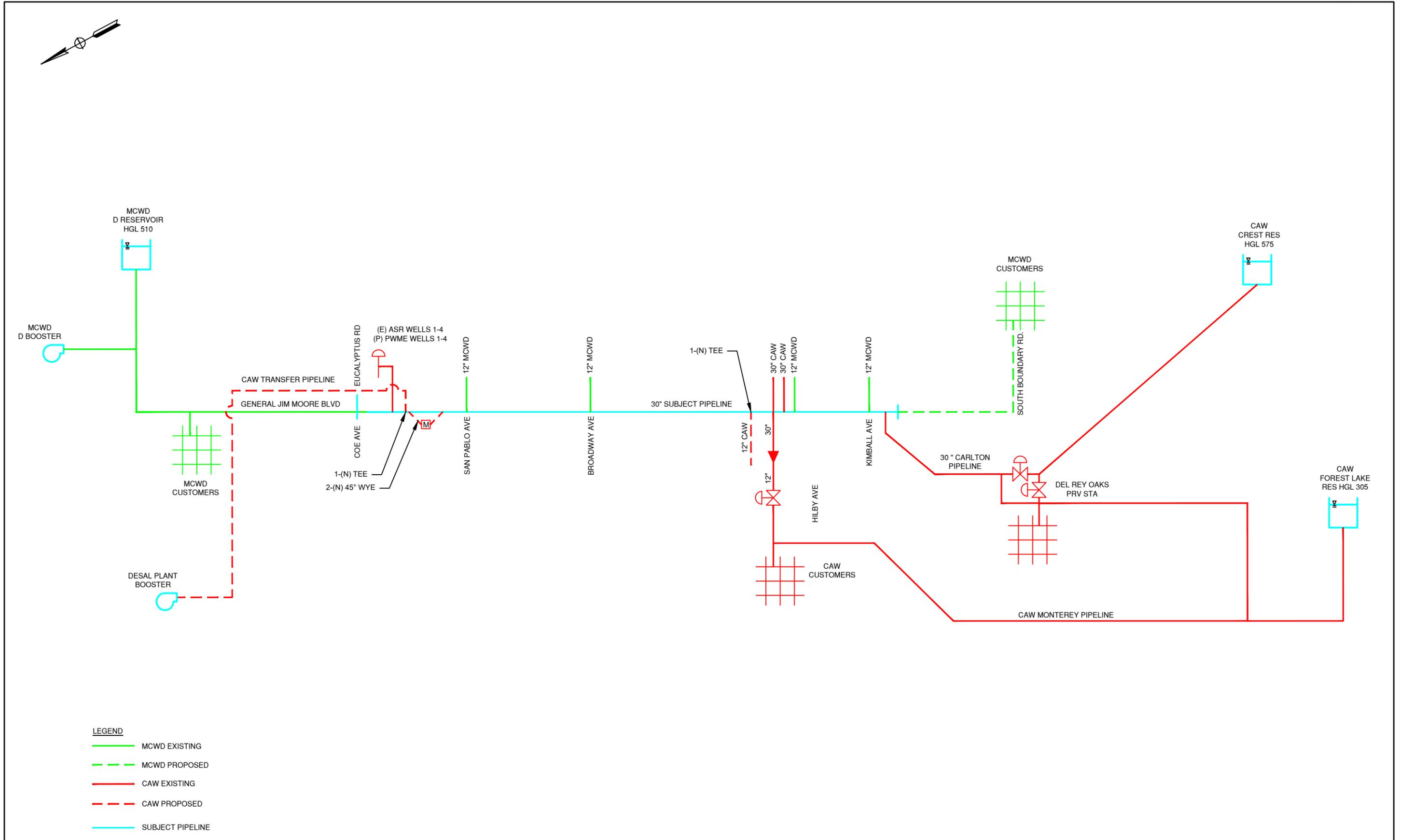
COE Parcel Number	Acreage	Zoned	Factor	Demand
			GPD/AC	GPD
Del Rey Oaks				
L20.13.3.1	4.84	ROW	0	0
L6.2	6.91	Habitat	0	0
E29a.1	4.66	C-1	1390	6,477
L20.13.2	0.98	ROW	0	0
L20.13.4	1.62	ROW	0	0
E29a	271.6	C-1-V	1160	315,056
E29b.1	33.52	C-1-V	1160	38,883
E31a	4.89	C-1-V	1160	5,672
E31b	3.34	C-1-V	1160	3,874
E31c	3.92	C-1-V	1160	4,547
E36	6.41	C-1-V	1160	7,436
L20.13.3.2	3.07	ROW	0	0
L20.13.1.1	2.9	ROW	0	0
L6.1	13.27	Habitat	0	0
L20.13.1.2	0.2	ROW	0	0
		Total, Del Rey Oaks		381,946
Seaside				
E24	198.21	SFR	1060	210,103
E34	97.07	SFR	1060	102,894
		Total, Seaside		312,997
City of Monterey				
E29b.2	31.19	IND	240	7,486
E29b.3	27.71	IND	240	6,650
E29e	9.45	IND	240	2,268
L20.13.5	6.71	ROW	0	0
L4.1	18.1	PARK	0	0
L4.2	7.03	PARK	0	0
E29.1	22.48	RESID	1060	23,829
E29.2	11.88	RESID	1060	12,593
E29b.3.1	0.65	IND	240	156
		Total, Monterey		52,982

Demand factors:

Residential	1060 gpd/acre
Commercial	1390 gpd/acre
Mixed Use	1160 gpd/acre
Industrial	240 gpd/acre

Factors from MCWD 2019 Water Master Plan

Figure 1



M:\MCWD\3907 - General Services\BG 005 - District Engineer\DE-10 GIMB Modeling\UPDATED SHARED PIPELINE SCHEMATIC.dwg, Layout1, 10/16/2019 5:56:19 PM

Marina Coast Water District
Agenda Transmittal

Agenda Item: 11-B

Meeting Date: October 21, 2019

Prepared By: Michael Wegley
Presented By: Rose Gill

Approved By: Keith Van Der Maaten

Agenda Title: Consider Adoption of Resolution No. 2019-75 to Approve Reclassification of the Assistant Engineer to an Associate Engineer Position Within the Engineering Department

Staff Recommendation: Staff recommends the Board of Directors adopt Resolution No. 2019-75 to approve reclassification of the Assistant Engineer to an Associate Engineer position within the Engineering Department.

Background: 5-Year Strategic Plan– 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. Our strategy is to utilize sound policies and personnel practices, offer competitive compensation and benefits, and provide opportunities for training, development, and professional growth while ensuring a safe and secure workplace.

Marina Coast Water District (District) operates and maintains the water (CA 271007) and wastewater system (3SSO 10287) for Central Marina and the Ord Community. The District owns and maintains approximately 162 miles of water pipe and 150 miles of sewer. Also, the district operates and maintains 8 drinking water wells, 5 water pump stations, 8 storage reservoirs and 20 sewer lift stations. In addition, the District's new recycled water system will be regulated under the State Water Resources Control Board, Division of Drinking Water, Permit No. 2790009 beginning with approximately 10 miles of recycled water pipe and one recycled water storage tank. The system will be expanded with over 5 miles of distribution mains to connect existing recycled water distribution systems; and,

Currently, the Engineering department is staffed with the following positions: 1 Administrative Assistant, 1 Assistant Engineer, 1 Associate Engineer, 2 Senior Engineers and 1 District Engineer. The Board approved a new position for an Engineering Technician at the September 16, 2019 meeting. The Engineering Technician position is currently advertised to be filled.

Discussion/Analysis: The Engineering department plays a critical role in providing water and wastewater capital improvement projects to support:

- Replacement of existing infrastructure that has outlived its useful life
- Development of Central Marina and the Ord Community
- Redevelopment of the Ord Community

The existing Assistant Engineer has provided notice of intent to resign effective the end of this month. This will create 2 vacancies in the department. Even prior to this resignation, the department was experiencing difficulties in keeping up with all the needed capital improvement projects and development projects due to staffing constraints, which is why the engineering technician was recently approved to be added to the engineering department. Replacing the newly vacating existing Assistant Engineer position with an Associate Engineer will provide immediate

impact in moving ahead on existing capital projects as the Associate level of engineer will possess the skills and abilities to hit the ground running, whereas an Assistant Engineer will need a few years of development to begin producing at the level that provides significant benefit. Additionally, the amount of work needed to implement the District's CIPs is not a temporary need and will be an ongoing concern, and the skill level that an Associate Engineer provides, versus an Assistant Engineer, will potentially allow for a reduction in out-sourced work.

A candidates list was established earlier this year for the Associate Engineer position that could provide the talent needed to perform capital projects and review of development projects. Reclassification would also allow the position to be under filled should the eligible Associate Engineer list be exhausted.

Environmental Review Compliance: None.

Financial Impact: X Yes No Funding Source/Recap: Funding for this position for Fiscal Year 2019-2020 will come from budgeted versus actual employee cost of living increases and from the budgeted but unfilled Water Resources Analyst position. Funding for this change in future years will be through the reduction of consultant costs or other line item reductions. A funding breakdown of unbudgeted items for FY 2019-2020 has been included.

Other Considerations: The Board can decide to not approve the reclassification.

Material Included for Information/Consideration: Resolution No. 2019-75; Funding breakdown worksheet; and Attachment 1 - the Assistant and Associate Engineer job descriptions;.

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

Board Action

Motion By _____ Seconded By _____ No Action Taken _____

Ayes _____ Abstained _____

Noes _____ Absent _____

October 21, 2019

Resolution No. 2019-75
Resolution of the Board of Directors
Marina Coast Water District
Approving Reclassification of the Current Assistant Engineer to an
Associate Engineer within the Engineering Department

RESOLVED by the Board of Directors (“Directors”) of the Marina Coast Water District (“District” or “MCWD”), at a regular meeting duly called and held on October 21, 2019 at 211 Hillcrest Avenue, Marina, California as follows:

WHEREAS, the District’s potable water system is regulated under the State Water Resources Control Board, Division of Drinking Water, Permit No. 2710701; and,

WHEREAS, the District’s water system is comprised of approximately 162 miles of water pipe with eight potable well sites, eight water storage tanks and five booster pump stations; and,

WHEREAS, the District’s sanitary sewer system is regulated under the State of California Central Coast Regional Water Quality Control Board, Permit No. 3SSO 10287; and,

WHEREAS, the District’s sewer system is comprised of approximately 150 miles of sewer pipe, and twenty lift stations; and,

WHEREAS, the District’s new recycled water system will be regulated under the State Water Resources Control Board, Division of Drinking Water, Permit No. 2790009; and,

WHEREAS, the District’s new recycled water system is comprised of approximately 10 miles of recycled water pipe, and one water storage tank; and,

WHEREAS, the District’s new recycled water system will soon be expanded by over 5 miles of recycled water distribution pipe to connect existing recycled water systems; and,

WHEREAS, the District’s Engineering department is responsible for capital improvement projects replacing infrastructure beyond it’s useful life; and,

WHEREAS, the District’s Engineering department is responsible for capital improvement projects supporting development and redevelopment in Central Marina and the Ord Community; and,

WHEREAS, the District’s Engineering department is responsible for developer installed sewer, water and recycled infrastructure supporting development and redevelopment in Central Marina and the Ord Community; and,

WHEREAS, the Engineering department is currently unable to perform all the needed capital improvement projects and development projects due to staffing constraints within the department; and,

WHEREAS, the reclassification of one full time equivalent Assistant Engineer position to Associate Engineer will help assist the District in meeting the demand for infrastructure replacement and expansion, thus reducing future system failures.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the Marina Coast Water District hereby adopt Resolution No. 2019-75 to approve the reclassification of the Assistant Engineer to an Associate Engineer position within the Engineering department.

PASSED AND ADOPTED on October 21, 2019, 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. 2019-75 adopted September 16, 2019.

Keith Van Der Maaten, Secretary



Marina Coast Water District

11 Reservation Road, Marina, CA 93933
(831) 384-6131 | Fax (831) 883-5995

ASSISTANT ENGINEER

DEFINITION

Under general supervision or direction of an assigned supervisor, performs a variety of engineering activities including the design, preparation and/or review of engineering plans and specifications for a variety of projects, ensuring compliance with standards and District requirements; reviews improvement plans, coordinates facility planning and general plan amendments, ensures conformity with District standards and regulations; performs project management as assigned on District CIP projects; and performs other duties as required.

CLASS CHARACTERISTICS

This is the entry-level, non-registered class in the professional engineering series. Incumbents perform the less difficult and complex tasks in the field of civil engineering. As experience and proficiency are gained, assignments will become more technically diverse and difficult, while exercising increasing independence of judgment. Incumbents receive general supervision from the assigned supervisor and functional direction from a higher-level class within the series. Advancement from the Assistant Engineer level to the Associate Engineer level is in accordance with District policies and procedures, including obtaining a California professional engineer's license.

EXAMPLES OF DUTIES (Illustrative Only)

- Calculates plan check, inspection and connection fees and prepares conditions of approval; issues construction permits; collects connection fees and miscellaneous engineering fees; confirms connection fees paid prior to installation of water meters; assists supervisor in administration of reimbursement agreements, including confirmation of reimbursement amounts;
- Serves as project manager for assigned small capital projects and may serve as resident engineer also;
- Coordinates capital improvement projects with contractors, utility companies, other agencies; maintains construction diaries, prepare change orders and payments;
- Coordinates progress meetings and reviews work products; assists in or develops the CIP Project Scope and schedule, procures professional services, negotiates contracts and task orders, reviews progress payments and change orders;
- Assists in the preparation of the CIP Budget, determines components (e.g., staff time, materials, equipment) to be funded and estimates costs;
- Coordinates water system and sewer system construction with operations, municipal public works departments, and other appropriate agencies;
- Interprets drawings and specifications to resolve differences on technical matters, enforces project safety standards, ensures compliance with District infrastructure standards;

- Assists with development of requests for proposals Participates in design activities in preparing plans, specifications and cost estimates; prepares plans for review by a registered engineer as appropriate;
- Designs and uses a variety of modeling and automated engineering programs to analyze project needs; participates in the review and evaluation of plans, specification and proposal submitted by private engineering firms;
- Prepares reports and presents data related to water demand, usage, and conservation;
- Prepares and maintains a variety of maps, calculations, plans and records; makes a variety of engineering calculations; provides engineering support to construction inspectors; responds to inquiries and provide information to contractors, developers, other agencies and the public;
- Operates standard office equipment, including job-related computer hardware and software applications, facsimile equipment and multi-line telephones; may operate other department-specific equipment;
- Builds and maintains positive working relationships with co-workers, other District employees, and the public.

QUALIFICATIONS

Knowledge of:

- Principles, practices, procedures and standards related to District water and wastewater infrastructure development and maintenance;
- Principles and practices of civil engineering;
- Principles and procedures of project management including planning, scheduling, budget, and control;
- Principles and practices of cost estimation and contract administration;
- Methods, materials, and techniques used in the construction of public utilities projects;
- Engineering practices with emphasis on water supply, treatment and distribution; and wastewater collection;
- Engineering mathematics and economics;
- Plan Check review procedures for new developments;
- Construction methods, materials, specifications and codes;
- Basic report preparation and technical letter writing;
- Modern office procedures, methods, and equipment including personal computers

Skill in:

- Interpreting, applying and explaining statutes, codes, regulations and ordinances;
- Preparing clear and concise reports, board staff reports, correspondence, policies, procedures and other written materials.
- Using tact, initiative, prudence and independent judgment within general policy, procedural and legal guidelines;
- Maintaining accurate records and files.

Education:

Equivalent to graduation from a four-year college or university with major course work in civil engineering or a related engineering field.

Experience:

One to two years of increasingly responsible project engineering, engineering project management, preferably in a public agency setting.

License:

Must possess Engineer-in-Training (EIT) certification with State of California or be eligible to sit for the EIT exam at date of hire;

Must possess a valid California class C driver's license and satisfactory driving record.

Physical Demands:

Must possess mobility to work in a standard office setting, to inspect District development and construction sites, to operate a motor vehicle and to visit various District and meeting sites; vision to read printed materials and a computer screen; and hearing and speech to communicate in person, before groups and over the telephone.

FLSA Status: Non-exempt eligible for overtime
Bargaining Unit: MCWD Employees Association



Marina Coast Water District

11 Reservation Road, Marina, CA 93933
(831) 384-6131 | Fax (831) 883-5995

ASSOCIATE ENGINEER

DEFINITION

Under general direction, performs engineering review and/or management of all or parts of capital and operating projects or development projects of moderate scope; assists in the development of strategic issues within District policies; performs plan checks of proposed developments including project coordination with other agencies, small-scale construction inspection to assure compliance with District standards; and performs a variety of professional tasks relative to the assigned area of responsibility.

SUPERVISION RECEIVED AND EXERCISED

Reports to and receives direction from the District Engineer; however, may be assigned on a specific project basis to work with other senior District staff to include Engineering, Operations, and Water Conservation.

CLASS CHARACTERISTICS

This is an experienced class with responsibilities focused on a full range of engineering and project management duties as assigned. Successful performance of the work requires occasional instruction and/or assistance as new or unusual situations arise, as well as skills in coordinating work with those of other District departments and public agencies and dealing with the public.

Examples of Duties (Illustrative Only)

- Performs a variety of professional civil engineering duties in the planning, design development, construction of District facilities; ensures adherence to professional standards, codes and District specifications;
- Performs professional management work as a team member for capital and operating projects and assists in analyzing strategic issues within the boundaries of the District policies;
- Conducts and/or participates in preparation of reports regarding issues such as environmental, hydraulic, geotechnical, seismic, and treatment process aspects of water supply and wastewater facilities;
- Reviews drawings, plans and other work submitted by external consultants, engineers, contractors and developers for conformance with professional codes, standards and District specifications; drafts and prepares administrative correspondence and reports;
- Performs and reviews engineering calculations, and prepares and manages cost estimates and budgets for proposed projects and contract construction and installation work;
- Participates in and may coordinate regulatory, environmental and/or construction permit requirements with District staff, outside agencies, and developers;

- Participates in consultant selection process; assists in administration of consultant and professional service contracts;
- Develops and maintains various databases and computer files and uses engineering software or develops programs to solve specific engineering questions;
- Reviews statutes and regulations; interprets and applies the regulations with respect to District compliance; develops compliance strategies for meeting regulations; and analyzes proposed regulations;
- Prepares and presents reports on project status to the Board of Directors; management staff, other District staff, outside agencies, the public and developers;
- Confers with District staff, contractors, the public and other agencies or organizations as needed regarding assigned work;
- Responds to public inquiries in a courteous manner;
- Prepares a variety of project and administrative reports and correspondence;
- Performs related duties and responsibilities as required.

QUALIFICATIONS

Knowledge of:

- Principles, practices, procedures and standards related to District infrastructure development and maintenance;
- Principles and practices of civil engineering;
- Principles and procedures of project management including planning, scheduling, budget, and control;
- Principles and practices of cost estimation and contract administration;
- Methods, materials, and techniques used in the construction of public utilities projects;
- Engineering practices with emphasis on water supply, treatment and distribution; and wastewater collection;
- Engineering mathematics and economics;
- Plan Check review procedures for new developments;
- Construction methods, materials, specifications and codes;
- Basic report preparation and technical letter writing;
- Modern office procedures, methods, and equipment including personal computers

Skill in:

- Effectively representing the department and the District in meetings with governmental agencies, community groups, various business, professional, and regulatory organizations and individuals;
- Establishing and maintaining effective working relationships with those contacted in the course of the work;
- Interpreting, applying and explaining statutes, codes, regulations and ordinances;
- Preparing clear and concise reports, correspondence, policies, procedures and other written materials.
- Using tact, initiative, prudence and independent judgment within general policy, procedural and legal guidelines;
- Making effective public presentations;
- Maintaining accurate records and files.

Education:

Equivalent to graduation from a four-year college or university with major course work in civil engineering or a related engineering field.

Experience:

3-5 years of increasingly responsible project engineering, engineering project management, preferably in a public agency setting.

License:

Must possess a California Engineer-in-Training certification and be eligible to obtain a California State Registration as a Professional Civil Engineer within 24 months from date of hire.

Must possess a valid California class C driver's license and satisfactory driving record.

Physical Demands:

Must possess mobility to work in a standard office setting, to inspect District development and construction sites, to operate a motor vehicle and to visit various District and meeting sites; vision to read printed materials and a computer screen; and hearing and speech to communicate in person, before groups and over the telephone.

FLSA Status: Exempt – Not Eligible for Overtime
Bargaining Unit: Teamsters Local 890

Marina Coast Water District
Agenda Transmittal

Agenda Item: 11-C

Meeting Date: October 21, 2019

Prepared By: Derek Cray

Approved By: Keith Van Der Maaten

Agenda Title: Consider Adoption of Resolution No. 2019-76 to Approve Funding for Director Le to Attend the Association of California Water Agencies Conference in San Diego

Staff Recommendation: Staff recommends the Board of Directors to review the conference request and decide on whether to approve the travel request from Director Le.

Background: *5-Year Strategic Plan, Objective 6.3, Encourage Board Development – Provide Board members with opportunities to engage in training to promote better decision and policy making to the District's benefit.*

A written request from Director Le to attend the Association of California Water Agencies (ACWA) conference in San Diego from December 3rd to December 5th was given to the acting General Manger, Derek Cray via email on October 7, 2019 in accordance to the Board Procedures Manual. Director Le requested full conference registration and hotel accommodations. Director Le stated he would pay for his own fuel and provide his own vehicle for the conference to reduce District costs. Derek Cray replied to Director Le he would review the budget and respond accordingly.

Discussion/Analysis: After review of the budget account for conferences for the Board of Directors (OX-01-040-019), it was found that only \$683.70 was left out of the budgeted amount of \$2,500.00. Therefore, Director Le was notified of the shortage amount. Due to the shortage, Director Le requested to have this item put on the agenda to be brought before the Board for approval to fund the conference as per the Board Procedures Manual.

The full conference registration, with hotel for four nights and meals would cost approximately \$1,800. Since this is over the amount left in the Board of Directors Conferences account, the rest of the funds, approximately \$1,116 would need to come from another account. The District's Education Training account (OX-01-040-020) was budgeted for a total of \$19,391.00 for this fiscal year. As of October 9th there is approximately \$14,991.00 left for this fiscal year in the Education Training account. There is enough left in this account to fund Director Le's request for travel if the Board approves.

Staff is asking that the Board review the conference request and make a decision on whether to approve or deny Director Le's request to attend the ACWA conference in San Diego.

Environmental Review Compliance: None required.

Financial Impact: Yes No Funding Source/Recap: Funding would come from the following two accounts: \$683.70 from account OX-01-040-019 and the remainder of approximately \$1,116 from account OX-01-040-020.

Other Considerations: None.

Material Included for Information/Consideration: Resolution No. 2019-76, ACWA Conference agenda and pricing sheet.

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

Board Action

Motion By _____ Seconded By _____ No Action Taken _____

Ayes _____ Abstained _____

Noes _____ Absent _____

October 21, 2019

Resolution No. 2019-76
Resolution of the Board of Directors
Marina Coast Water District
Approve Funding for Director Le to Attend the
Association of California Water Agencies Conference in San Diego

RESOLVED by the Board of Directors (“Directors”) of the Marina Coast Water District (“District” or “MCWD”), at a regular meeting duly called and held on October 21, 2019 at 211 Hillcrest Avenue, Marina, California as follows:

WHEREAS, Director Le requested to attend the Association of California Water Agencies (ACWA) conference in San Diego from December 3rd to December 5th; and,

WHEREAS, Director Le, will use his own vehicle and gas to travel to the conference; and,

WHEREAS, the full conference registration, with hotel for four nights and meals would cost approximately \$1,800.00; and,

WHEREAS, there is currently \$683.70 left out of the budgeted amount of \$2,500.00 for conferences and travel budget for the Board of Directors; and,

WHEREAS, the District’s Education Training account has enough funds to cover the difference of \$1,116 needed to send Director Le to the conference.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the Marina Coast Water District hereby adopt Resolution No. 2019-76 to approve using the additional Education Training funds to send Director Le to the ACWA conference in San Diego.

PASSED AND ADOPTED on October 21, 2019, 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. 2019-76 adopted October 21, 2019.

Keith Van Der Maaten, Secretary



ACWA 2019 Fall Conference & Exhibition

PRELIMINARY AGENDA

December 3 - 6, 2019 • San Diego

ACWA JPIA - MONDAY, DEC. 2

- 8:30 - 10:00 AM**
 - ACWA JPIA Program Committee
- 10:15 - 11:15 AM**
 - ACWA JPIA Executive Committee
- 1:30 - 4:00 PM**
 - ACWA JPIA Board of Directors
- 4:00 - 5:00 PM**
 - ACWA JPIA Town Hall
- 5:00 - 6:00 PM**
 - ACWA JPIA Reception

TUESDAY, DEC. 3

- 8:00 AM - 9:45 AM**
 - Agriculture Committee
- 8:00 AM - 6:00 PM**
 - Registration
- 8:30 AM - Noon**
 - ACWA JPIA Seminars
- 9:00 AM - 5:00 PM**
 - ACWA Legal Briefing & CLE Workshop
- 10:00 - 11:45 AM**
 - Groundwater Committee
 - Local Government Committee
- 11:00 AM - Noon**
 - Outreach Task Force
- Noon - 2:00 PM**
 - ACWA 101 & Luncheon
 - Committee Lunch Break
- 1:00 - 2:45 PM**
 - Energy Committee
 - Finance Committee
 - Scholarship & Awards Subcommittee
 - Water Management Committee
- 1:00 - 3:00 PM**
 - ACWA JPIA: Sexual Harassment Prevention for Board Members & Managers (AB 1825)
- 3:00 - 4:45 PM**
 - Communications Committee
 - Federal Affairs Committee
 - Membership Committee
 - Water Quality Committee
- 5:00 - 6:30 PM**
 - Welcome Reception in the Exhibit Hall

WEDNESDAY, DEC. 4

- 7:30 AM - 5 PM**
 - Registration
- 8:00 - 9:45 AM**
 - Opening Breakfast (*Ticket Required*)
- 8:30 AM - Noon & 1:30 - 6:00 PM**
 - Exhibit Hall
- 10:00 - 11:30 AM**
 - Attorneys Program
 - Energy Committee Program
 - Exhibitor Demos
 - Finance Program
 - Region Issue Forum
 - Statewide Issue Forum
 - Water Industry Trends Program
- 11:30 - 11:45 AM**
 - Networking in the Exhibit Hall
- 11:45 AM - 2:00 PM**
 - General Session Luncheon (*Ticket Required*)
- 2:15 - 3:30 PM**
 - Attorney Program
 - Communications Committee Program
 - Energy Committee Program
 - Exhibitor Case Study
 - Region Program
 - Statewide Issue Forum
 - Water Industry Trends Program
- 3:45 - 5:00 PM**
 - Ag/Water Quality Committee
 - Aquatic Resources Subcommittee
 - Exhibitor Case Study
 - Finance Program
 - Local Government Committee
 - Statewide Issue Forums
 - Water Industry Trends Program

- 3:30 - 5:30 PM**
 - Legal Affairs Committee

- 5:00 - 6:00 PM**
 - Prize Drawing Fiesta Night in the Exhibit Hall

- 5:30 - 7:00 PM**
 - CalDesal Hosted Mixer
 - Jacobs Hosted Reception

THURSDAY, DEC. 5

- 7:30 AM - 4 PM**
 - Registration
- 7:45 - 9:15 AM**
 - Regions 1-5 Membership Meetings

- 8:00 AM - Noon**
 - Exhibit Hall
- 8:00 - 9:15 AM**
 - Networking Continental Breakfast, Exhibit Hall (*Ticket Required*)
- 8:30 - 10:45 AM**
 - Ethics Training (AB 1234) - *Limited Seating*
- 9:30 - 11:00 AM**
 - Attorneys Program
 - Exhibitor Demos
 - Finance Program
 - Region Issue Forum
 - Statewide Issue Forum
 - Water Industry Trends Program
- 11:00 - 11:30 AM**
 - Prize Drawings in the Exhibit Hall
- 11:45 AM - 2:00 PM**
 - General Session Luncheon (*Ticket Required*)
- 2:15 - 3:15 PM**
 - Attorneys Program
 - Exhibitor Case Studies
 - Federal Issues Forum
 - Statewide Issue Forum
 - Water Industry Trends Program
- 3:30 - 5 PM**
 - Regions 6-10 Membership Meetings
- 6:00 - 7:00 PM**
 - Outreach Reception
- 7:00 - 10:00 PM**
 - Dinner & Entertainment (*Ticket Required*)

FRIDAY, DEC. 6

- 8:00 - 9:30 AM**
 - Registration
- 8:30 - 10:00 AM**
 - ACWA's Hans Doe Past Presidents' Breakfast in Partnership with ACWA JPIA (*Ticket Required*)

OTHER EVENTS

THURSDAY, DEC. 5

- 6:45 - 8:30 AM**
 - San Joaquin Valley Agricultural Water Committee

All conference programs are subject to change.

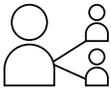
Last modified: June 6, 2019

REGISTRATION, MEALS AND HOTEL PRICING SHEET



REGISTER ONLINE

Register online by **November 8, 2019** at www.acwa.com to take advantage of the advance pricing.



REGISTER ON SOMEONE'S BEHALF

Select from a list of people affiliated with your company in your account. If the registrant is not listed, you will need to create a Portal profile for the registrant before registering.

REGISTRATION OPTIONS <i>Advantage pricing applies to ACWA public agency members, associates & affiliates. Standard pricing applies to non-members of ACWA.</i>	ADVANCE DEADLINE: 11/8/19		ONSITE	
	ADVANTAGE	STANDARD	ADVANTAGE	STANDARD
Full Conference Registration & Meals Package	\$725	N/A	N/A	N/A
Full Conference Registration Only (meals sold separately)	\$580	\$870	\$600	\$890
One-Day Conference Registration (meals sold separately) Wednesday: Registration includes Welcome Reception on Tuesday evening -OR- Thursday: Registration includes ability to purchase a ticket for Friday breakfast	\$345	\$520	\$365	\$540
Guest Conference Registration (meals sold separately) Guest registration is not available to anyone with a professional reason to attend.	\$75	\$75	\$75	\$75
MEAL FUNCTIONS	ADVANCE		ONSITE	
Wednesday Opening Breakfast - December 4	\$50		\$55	
Wednesday Luncheon - December 4	\$55		\$60	
Thursday Networking Continental Breakfast - December 5	\$40		\$45	
Thursday Luncheon -December 5	\$55		\$60	
Thursday Dinner - December 5	\$70		\$75	
Friday Breakfast - December 6	\$50		\$55	

HOTEL INFORMATION

You must be registered for the ACWA conference in order to receive hotel reservation information and conference special room rate. **Conference special rate is available August 19 - November 8**, based on availability.

HOTEL

Manchester Grand Hyatt San Diego
1 Market Place, San Diego, CA 92101

ROOM RATES

Single/Double \$209 per night*
Triple \$234 per night*

* Subject to the following taxes & fees:
10.5% occupancy tax, 2% SD Assessment and \$0.65 CA tourism assessment

Deadline for group rate is November 8, 2019

IMPORTANT DATES

The conference hotel room block opens on August 19.

For those **registering for conference prior to August 19**, information on how to reserve your hotel room will be provided via e-mail on August 19.

For those registering for conference from **August 19 to November 8**, your **confirmation e-mail** will include the information on how to reserve your hotel room and an opportunity to receive a conference special hotel rate.

QUESTIONS?

Contact us at (888) 666-2292

Cancellation deadline: November 8, 2019 4:30 p.m. (PST)

Conference terms and conditions available at acwa.com in the event section.

Marina Coast Water District
Staff Report

Agenda Item: 12-A

Meeting Date: October 21, 2019

Prepared By: Don Wilcox
Reviewed by: Mike Wegley

Approved By: Keith Van Der Maaten

Agenda Title: Receive an Update on the Ord Lift Station and Force Main Project

Staff Recommendation: The Board of Directors is requested to receive a status update on the Ord Lift Station and Force Main Project. This item was not heard at the September 16, 2019 meeting, so it has been updated for the October 21, 2019 meeting.

Background: *5-Year Strategic Plan Mission Statement 2.0 – Our objective is to provide a high-quality water distribution system and an efficiently operating wastewater collection system to serve existing and future customers.*

This project is included in the FY 2019-2020 CIP Budget as Project No. OS-0147 – Ord Village LS & Force Main Improvements. The existing Ord Village Lift Station (OVLS) and Force Main have exceeded their useful service life and require replacement, except for the pumps which were recently replaced and will be re-used at the new Ord Lift Station (OLS). The existing OVLS is located west of Highway 1 within the Fort Ord Dunes State Park although the area served and the majority of the force main's existing alignment are east of Highway 1. The project includes construction of a replacement sewer lift station on the east side of Monterey Road (east of Highway 1), new force main pipeline within existing roadways and abandonment of the old gravity and force main pipes under Highway 1 to and from the old OVLS. The new lift station location will eliminate the need for three highway crossings; two for 1,600 linear feet (LF) of existing gravity and problematic force main pipelines and one for an overhead power line. The total length of new pipeline is approximately 5,600 LF from the new OLS site to where it connects to the existing gravity sewer.

Once the new OLS and force main project is completed, the former OVLS west of Highway 1 will be demolished and removed and the site restored to Fort Ord Dunes State Park resource management zone requirements. Pipelines and manholes outside the lift station site will be abandoned in place underground. Staff is working to contract directly with State Parks for vegetation seeding and restoration.

The force main project is located within the City of Seaside and the Presidio of Monterey Annex (Ord Military Community). The new lift station will be located between Monterey Road and an existing stormwater percolation basin, at the point where two gravity sewer mains converge before crossing Highway 1. Staff has been coordinating with City of Seaside staff to obtain a permanent easement for the lift station and pipelines, as well as a temporary construction easement for the work. The new sanitary sewer force main is proposed to go under existing roadways following Monterey Road, then turn into the Army housing area at Bougainville Road, turn onto Buna Road, then Kiska Road and finally turn onto Okinawa Road where it would reconnect to MCWD's existing gravity sewer south of the Gigling Lift Station.

Discussion/Analysis: The project is progressing through the site selection and acquisition, environmental and engineering design processes associated with capital improvement projects that include all-new facility construction at a new site.

The attached project schedule reflects that the project is concurrently in permitting/environmental and design phases. Design plans and specifications are currently 60% complete, with final design anticipated to be complete mid-November. Permitting includes receiving permits from City of Seaside, CA State Parks, US Army and Coastal Commission, and is anticipated to be complete mid-December. Once these two activities are complete, staff anticipates bidding the project in late December/early January resulting in a recommendation to the Board for award of a construction contract at the February Board meeting.

Below are the status of several ongoing activities associated with this project:

- MCWD contracted with Schaaf & Wheeler for design of the lift station and force main including sub-consulting electrical design by Fehr Engineering, survey by Whitson Engineers and environmental by Denise Duffy & Associates.
- MCWD contracted with Calcon Systems to perform a radio telemetry survey to confirm that we have Supervisory Control and Data Acquisition (SCADA) connectivity from the proposed new Ord Lift Station site to the O&M antenna tower at the Ord Facility.
- Staff submitted an application in September to PG&E for new electric service to the new Ord LS site.
- MCWD staff met with State Parks staff to get their requirements regarding site restoration once the old Ord Village LS is decommissioned and demolished.
- MCWD staff have met several times with Seaside Engineering staff regarding the easements MCWD will need from Seaside for the new Lift Station, access, pipeline and temporary construction. Seaside City Council will consider granting the necessary easements to MCWD at their November 7, 2019 meeting.
- MCWD staff met with Army Environmental, Planning and Housing Divisions to discuss the force main project and agreements needed with the Army.
- Received 60% Plans and Specifications from Schaaf & Wheeler.
- Received draft CEQA Biological Resources and Initial Study/Mitigated Negative Declaration (IS/MND) reports from Denise Duffy & Associates and posted the IS/MND along with a Notice of Intent on the District's website

Material Included for Information/Consideration:

Attachment No. 1a - Project Schedule

Attachment No. 1b - Proposed Site Plan

Attachment No. 1c - Draft Project Easements

Update - below are the minutes from the February 19, 2019 meeting's Motion to adopt Resolution 2019-15 approving design of the OLS. Below the Minutes are Notes regarding the status of the staff direction conditions given within that Motion:

MINUTES:

E. Consider Adoption of Resolution No. 2019-15 to Amend the On-Call Engineering Professional Services Agreement with Schaaf & Wheeler for the Ord Village Lift Station Design:

Mr. Michael Wegley, District Engineer, introduced this item explaining the need to move the lift

station to the east of Highway 1. The Board asked clarifying questions. Director Le suggested several corrections to the resolution as follows: Change the fifth WHEREAS to read, “the existing Ord Village Lift Station west of Highway 1 is on environmentally sensitive California State Park lands and the force main is east of Highway 1” ; and, the seventh WHEREAS to read, “relocating the existing lift station to the east of Highway 1... ”.

Director Le made a motion to adopt Resolution No. 2019-15 to amend the On-Call Engineering Professional Services Agreement with Schaaf & Wheeler for the Ord Village Lift Station Design with the following conditions: 1) have staff proceed with the survey and obtain the easement from the City of Seaside before proceeding further on the design of the project; 2) when negotiating with the City of Seaside, ask that they agree to pump the storm water into the lift station and for additional land for the pump station; 3) have a stand-by generator and insure that it won't flood for 50/100 years; and, the suggested changes to the resolution. President Moore seconded the motion. The motion was passed.

Director Zefferman - Yes
Director Le - Yes
Director Cortez - Yes

Vice President Shriner - Yes
President Moore - Yes

NOTES:

1. Overall Project

Ord Lift Station Project design has proceeded to the point necessary to establish the location and dimensions for a site plan to be used to determine easements required and to prepare legal descriptions for lift station and force main easements. Staff will also use the site plan to submit an application for new electric service to be provided by PG&E as PG&E's backlog to design and construct new electric service is anticipated to take longer than the duration of the project's design and construction phases. Detailed design will proceed after easements are acquired and CEQA Public Comment and Board approval is completed.

2. Obtain Easements

Schaaf & Wheeler and Whitson Engineers and Surveyors have prepared legal descriptions and site plan exhibits for the easements necessary for the District's Ord Lift Station and Force Main project. MCWD staff submitted the proposed necessary easements and dimensions to City of Seaside engineering staff who requested some minor changes. Seaside engineering then presented the District's easement requests to Seaside City Council on September 19, 2019 in Closed Session. Staff direction was to return to Council with easement documents necessary for the District's Ord Lift Station & Force Main project, with the condition that none of the easements would be exclusive:

- Sewer Lift Station Facility Easement
- Sewer Lift Station Facility Access Easement
- Sewer Pipeline Easements (PUE)
- Temporary Construction Easement

MCWD staff is presently preparing Grant of Easement documents for Seaside engineering to take to Seaside City Council for consideration at Seaside's November 7, 2019 City Council meeting.

3. Storm Water

Per Rick Riedl, City of Seaside Public Works Director/City Engineer, a recent meeting between Paul Sciuto, M1W GM and the City of Seaside executive staff and Mayor, Mr. Sciuto explained that M1W does not need winter stormwater flows as there is excess water available during the

winter. Mr. Riedl also commented that an EIR would likely need to be completed to consider a combined sewer project (stormwater/wastewater). Mr. Riedl also explained that since Seaside's stormwater currently percolates into the Seaside Groundwater Basin, there would be no need to combine the sewers and pump to MIW who would have to treat the combined sewer and then pump back to Seaside to inject in the same Seaside Groundwater Basin that the stormwater currently recharges.

4. Stand-by generator

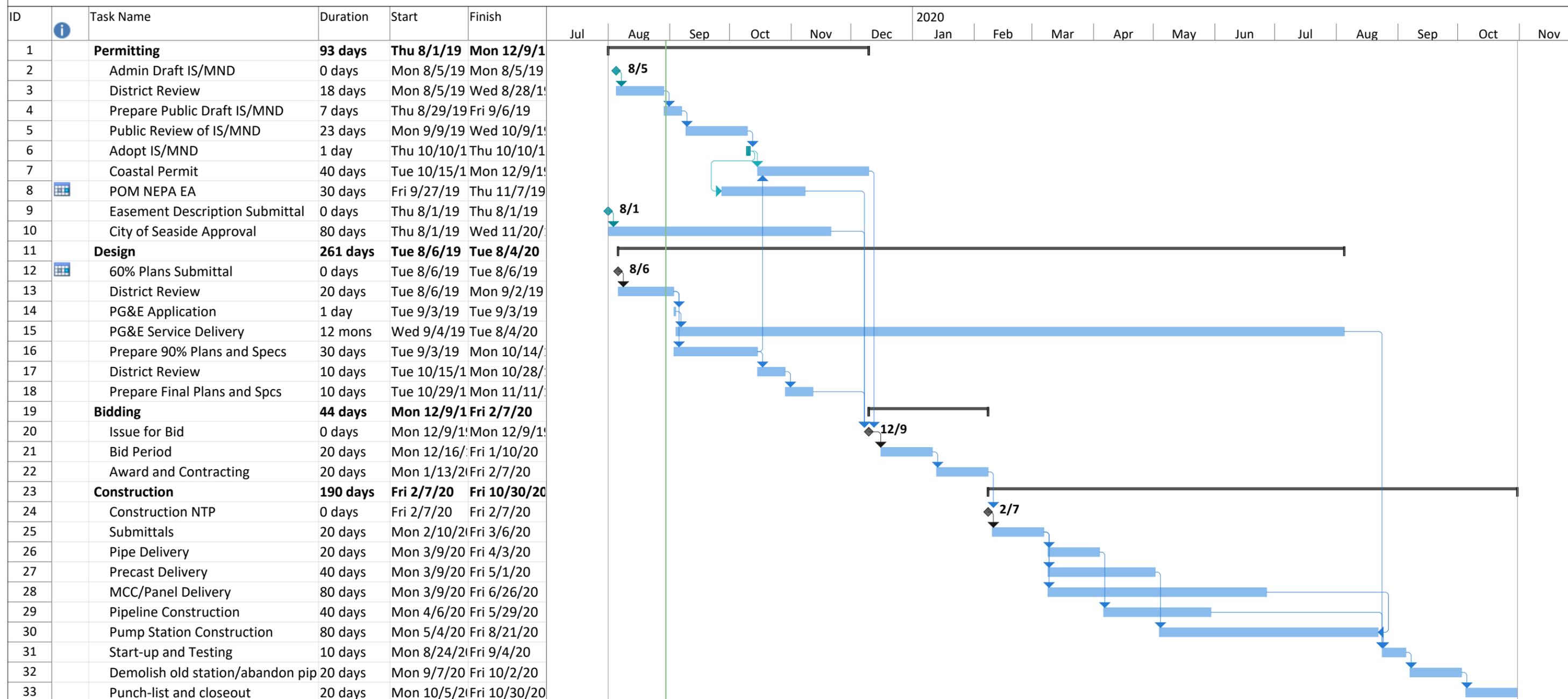
A stand-by generator is in the Project Scope for the Ord Lift Station & Force Main project.

5. Outside the 50/100-year flood

Staff has verified that the proposed site for the Ord Village Lift Station is not within a 50-year flood area and the 100-year flooding is less than 1 foot per the Federal Emergency Management Agency flood maps.



Marina Coast Water District
Ord Village Lift Station and Force Main



Project: msproj11 Date: Fri 8/30/19	Task		Project Summary		Inactive Milestone		Manual Summary Rollup		Deadline	
	Split		External Tasks		Inactive Summary		Manual Summary		Progress	
	Milestone		External Milestone		Manual Task		Start-only		Manual Progress	
	Summary		Inactive Task		Duration-only		Finish-only			

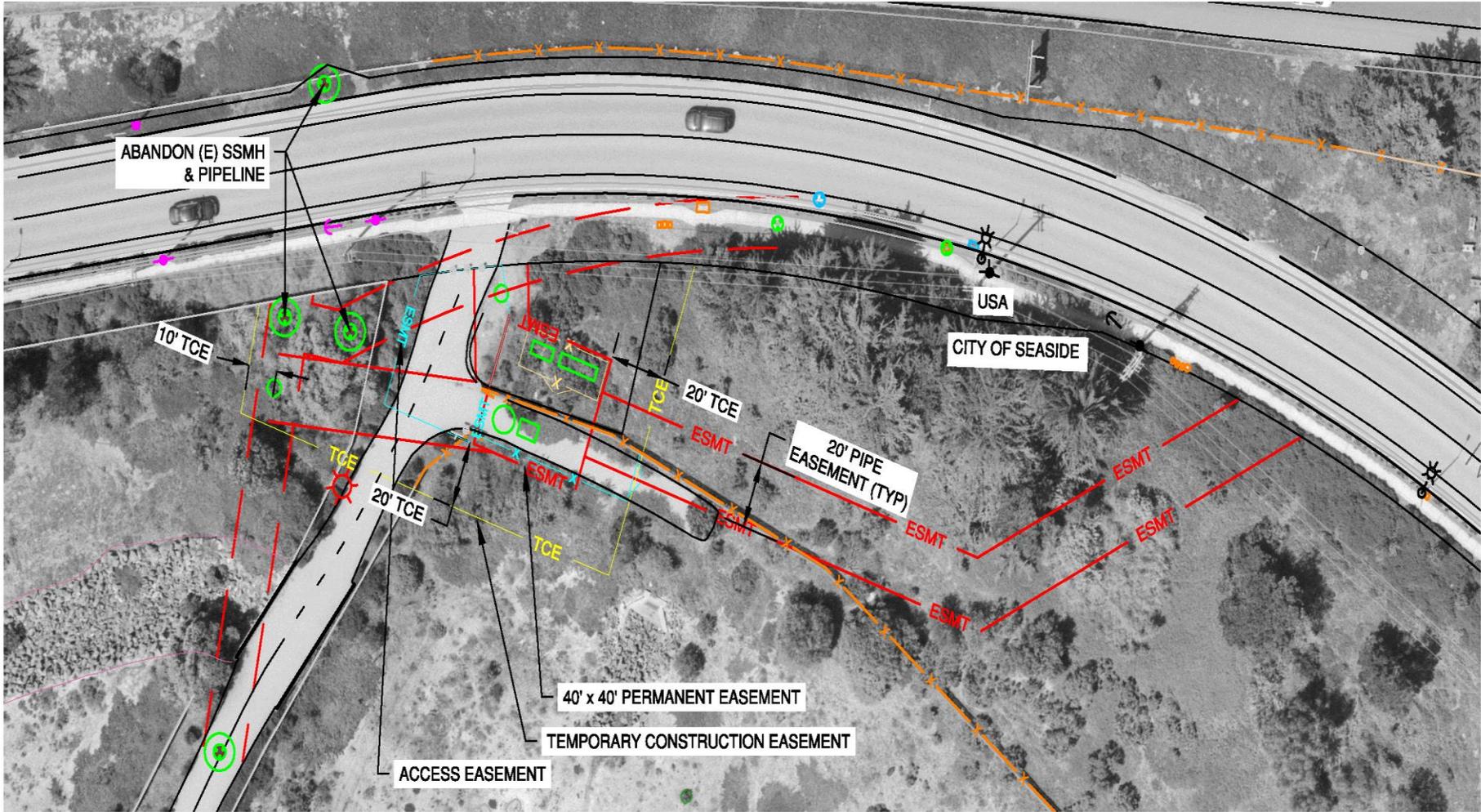


Marina Coast Water District
11 Reservation Road
Marina, CA 93933
mcwd.org

Ord Village Lift Station

Drawn By:
J.Hollida

Date:
9/9/201J



SCALE: 1 INCH = 40 FEET

LEGEND:	
	ESMT EASEMENT
	TCE TEMPORARY CONSTRUCTION EASEMENT
	(E) WOOD FENCE
	(N) WOOD FENCE
	(N) CHAIN LINK FENCE
	(E) UTILITY EASEMENT
	ESMT ACCESS EASEMENT

Marina Coast Water District
Staff Report

Agenda Item: 12-B

Meeting Date: October 21, 2019

Prepared By: Michael Wegley

Approved By: Keith Van Der Maaten

Agenda Title: Receive a Report on Current Capital Improvement Projects

Staff Recommendation: The Board of Directors is requested to receive a report on current capital improvement projects.

Background: *5-Year Strategic Plan Mission Statement 2.0 – Our objective is to provide a high-quality water distribution system and an efficiently operating wastewater collection system to serve existing and future customers.*

The FY 2019-2020 Budget approved by the Board of Directors includes improvements and expansion plans for existing water delivery and wastewater collection systems. The annual Capital Improvement Projects (CIP) are prioritized and listed based on the 5-year Capital Improvement Program which is also updated annually with the budget. The Board requested to receive a report on current CIPs.

Discussion/Analysis: The attached Capital Improvement Project Status Report lists the active projects with the project number, title, description, justification and status of progression through design and construction. Also attached for reference is a map of the 2019-20 Capital Improvement Projects to assist with the report.

One CIP completed this fiscal year and no longer on the active projects list is the Regional Urban Water Augmentation Project Transmission Pipeline and Blackhorse Reservoir completed August 15, 2019. Although not a CIP, the certificate of completion for the LAFCO annexation was filed July 2, 2019.



Legend

- RW-0174 Recycled Water Distribution
- Existing Recycled Water Pipelines

MW-0111 Beach Road Pipeline Del Monte Blvd to DeForest

MS-0143 Replace Lift Station No. 6 (Crescent)

OS-0152 Booker Lift Station

GW-0305 California and Imjin Parkway Pipeline

MW-0302 Crescent Ave Connector to Reservoir 2

OS-0152 Neeson Lift Station

OW-0193 Imjin Parkway Pipeline Resv. Rd to Abrams Dr.

RW-0306 RUWAP Imjin Parkway

OW-0206 Inter-Garrison Road Pipeline Upsizing

OS-0205 Imjin Lift Station Improvements- Phase 1

GW-0112 A1 & A2 Zone Tanks & B/C Booster Station

OW-0306 D Zone Booster Pump Replacement

OS-0147 Ord Village LS & Force Main Improvements

OS-0152 Hatten Lift Station

OW-0202 South Boundary Road Pipeline

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community



Marina Coast Water District
11 Reservation Road
Marina, CA 93933

2019-2020 Capital Improvement Projects

Drawn By:

Jaron Hollida

Date:

02/27/2019

Project No.	Title	Description	Justification	Status
MW-0111	Beach Road Pipeline - Del Monte Blvd. to DeForest Rd.	New 12" parallel pvc pipeline in Beach Road from DeForest Road to Del Monte Ave.	Adresses Fire Flow Deficiencies in Central Marina	Added to RW-0174 project as Carollo Task Order #2. See RW-0174
MW-0302	Crescent Ave Connector to Reservoir 2	New 12" pvc pipeline in Beach Road from Reservoir 2 to Crescent Ave.	Adresses Fire Flow Deficiencies in Central Marina	Added to RW-0174 project as Carollo Task Order #3. See RW-0174
GW-0112	A1 & A2 Zone Tanks and B/C Booster Sta. - On CSUMB northwest of Inter-Garrison Rd and 6th Ave	Two 1.6 MG A-Zone storage tanks , B-Zone and C-Zone Booster Pump Station, and associated piping and facilities. Architectural treatments not to exceed 10% of tank cost.	This project will provide water storage for Zone A in the Ord Community and Central Marina. The B and C booster pumps will pump water from the A Zone tanks to Zones B and C tanks. The booster pump station replaces dilapidated facilities that have been in service long beyond their useful life.	30% plans and basis of design report are in internal review. Next the 30% plans will be submitted to CSUMB and DDW for review and comment. Design schedule is: Feb. 2020 for 60% plans with architectural and environmental; July 2020 bid opening; Construction 540 days.
GW-0305	California Avenue and Imjin Parkway Pipeline	Construction of approximately 2,550 feet of 24" diameter pipeline in Imjin Parkway and California Avenue from Abrams Drive to Marina-Heights Drive.	Reroutes A Zone transmission around the Sand Tank when the booster pumps are relocated to the new A Zone tanks.	Part of GW-0112 project; tracked as part of GW-0112.
OS-0152	Hatten, Neeson, Booker LS Improvements	Replacement or refurbishment of lift stations.	Smaller lift stations beyond their useful life and in need of repair.	Neeson lift station refurbished in-house with new pumps and motor control center. Booker wet and dry pits will be replaced with submersible pump station as part of Sea Haven Ph 3 infrastructure by Wathen-Castanos.
OS-0205	Imjin Lift Sta Improvements - Ph 1	First Phase is to construct new wetwell, electrical and controls. Reuse 2 existing pumps and install new 3rd pump. 2nd Phase is replace the force main.	The existing lift station is not operating efficiently and is undersized. The second phase will be needed to accommodate long-term growth.	Advertised for bids due 11/26/19. Award in December and 90 days construction following procurement of materials.
OS-0147	Ord Village LS & FM	Relocate lift station east of Hwy 1 and reconstruct force main in new alignment. Reuse 2016 replacement pumps.	Sanitary sewer overflows from force main. Relocating the lift station eliminates two highway crossings and restores environmentally sensitive State Parks land.	Obtaining easements. Notice of Intent and Initial Study/Mitigated Negative Declaration circulated for public comment.
OW-0193	Imjin Pkwy Water Main Pipeline - Reservation Rd to Abrams Dr	2,800 LF of 12-inch pipeline	Improves connectivity within the B-zone between the Airport/UCMBest and Abrams/Preston Park area.	Combined with RW-0306 for construction with Imjin Parkway by City of Marina. See RW-0306
OW-0202	South Boundary Rd Pipeline	7,300 LF of 24-inch pipeline	Serves Del Rey Oaks and Monterey. Project sequenced to coincide with the FORA South Boundary Road project.	Water Main design to serve DRO Development. Whitson performing Construction Timing and Alignment Evaluation Study.

Project No.	Title	Description	Justification	Status
OW-0206	Inter-Garrison Road Pipeline Upsizing	Construct 1700-LF of 18-inch water main between East Garrison and Abrams Drive	For commercial Fire flow in East Garrison.	Awarded 7/15/19 and Pre-Con meeting held 9/18/19. Reviewing material submittals and finalizing permits for Notice to Proceed. Contract Time - 90 days.
RW-0174	RUWAP - Distribution Mains	5 miles of recycled water pipe, 5 PRV's, paving & Jack & Bore Intersection crossing	Implement Recycled Water as a water source to meet the needs of MCWD's customers & to augment the current groundwater supply source for FORA.	Board Awarded CM, CEQA & ESDC on 9/16; SRF Qtrly Report submitted 10/1. Bid opening 12/3/19. Contract time - 300 calendar days for substantial completion and 335 days to final completion.
RW-0306	Imjin Pkwy Recycled Water Main Pipeline - Reservation Rd to Abrams Dr	Construction of approximately 2,800 LF of 12-inch PVC recycled water pipeline	This project is sequenced to coincide with the City of Marina Project to widen Imjin Parkway.	Kimley Horn is incorporating the design into the Imjin Parkway Widening project plans to coordinate with the RUWAP distribution mains. Kimley Horn contract amended 5/21/18. Needs reimbursement agreement with Marina. Marina's target date to begin construction is April 2020.

Marina Coast Water District
Staff Report

Agenda Item: 12-C

Meeting Date: October 21, 2019

Prepared By: Kelly Cadiente

Approved By: Keith Van Der Maaten

Agenda Title: Receive the 3rd Quarter 2019 District Water Consumption Report

Summary: The Board of Directors is requested to receive the 3rd Quarter 2019 District Water Consumption Report. The report is a ten-year comparative report that is provided to the Board on quarterly basis. Quarterly water consumption reports of the Ord Community have been submitted to the Board since 2006 and are organized by land-use jurisdiction. Reports submitted since 2016 include the consumption information for Central Marina as well as an analysis of variances between current-year projected consumption and prior-year consumption. In addition, two graphs of the data in the consumption report are included; 1) 10-Year Comparison of Annual Usage of Central Marina and the Ord Community; and 2) 10-Year Comparison of Annual Usage of the Ord Community by Jurisdiction.

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

- The rainfall total for the 3rd quarter of 2019, and the first three months of the Rain Year (July, August, September) in Marina was 0.29” inches. That was 76% of the normal amount of 0.38” inches.
- The reference evapotranspiration rate in South Salinas for the 3rd quarter of 2019 was 16.75” inches. This measurement was 0.11” inches above the historic quarterly average reading of 16.64 “ inches.

Marina Coast Water District
Staff Report

Agenda Item: 12-D

Meeting Date: October 21, 2019

Prepared By: Kelly Cadiente

Approved By: Keith Van Der Maaten

Agenda Title: 2019 Sewer Flow Report through September 30, 2019

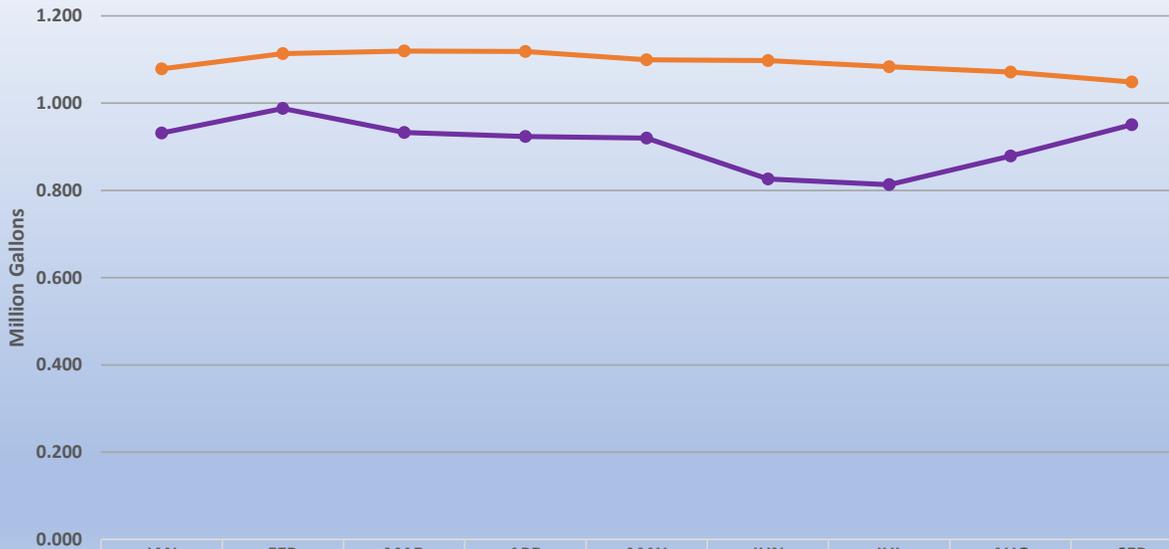
Summary: The Board is requested to receive the 2019 Sewer Flow Report through September 30, 2019. This staff report includes tracking information on sewer flows through the Monterey One Water Agency's (M1W) Fort Ord and Marina pump stations.

M1W provides flow data for the Marina Pump Station monthly through an automated report. Central Marina sanitary sewer flows for the quarter ended September 30, 2019 were 98.250-million-gallons or 301.628 Acre Feet (AF) which yielded an average daily sewer flow of 1.068-million-gallons-per-day (MGD) or 3.279 AF per day.

The Ord Community's sanitary sewer flow to the M1W interceptor system is measured by a District flume structure located adjacent to the retired Main Garrison wastewater treatment plant. The Ord Community sanitary sewer flows for the quarter ended September 30, 2019 was 80.965-million-gallons or 248.563 AF, which yielded an average daily sewer flow of 0.880 MGD or 2.702 AF per day.

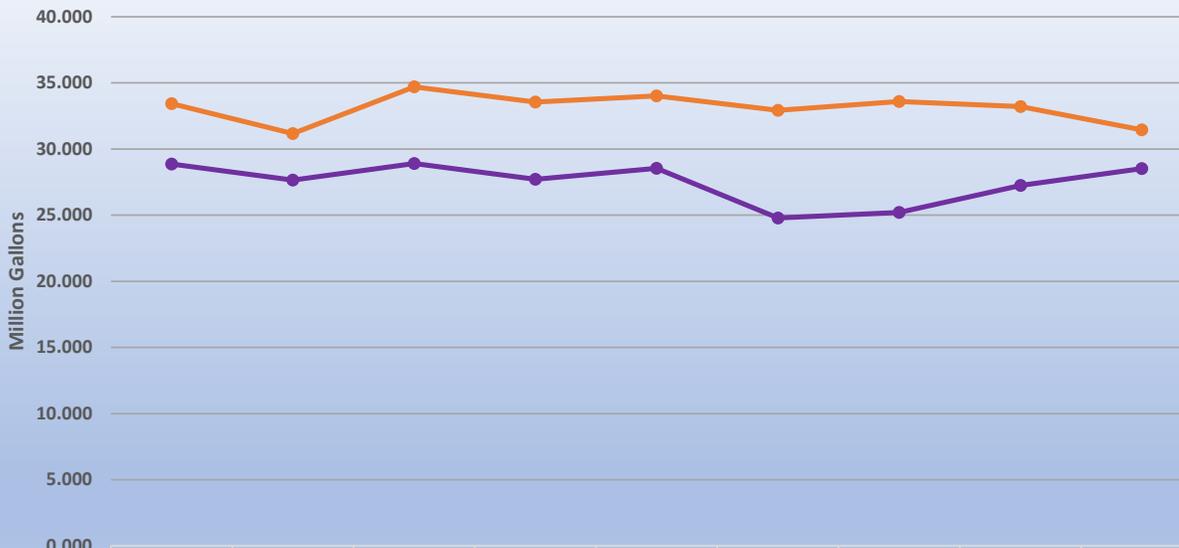
This staff report also includes charts for January – September 2019 average daily flows and the total flows by month.

MCWD 2019 Average Daily Sewer Flows by Month



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
ORD COMMUNITY	0.931	0.988	0.933	0.923	0.920	0.826	0.813	0.879	0.951
CENTRAL MARINA	1.079	1.113	1.119	1.118	1.099	1.097	1.084	1.071	1.048

MCWD 2019 Total Sewer Flows by Month



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
ORD COMMUNITY	28.871	27.658	28.905	27.704	28.537	24.790	25.205	27.240	28.520
CENTRAL MARINA	33.440	31.170	34.700	33.550	34.020	32.920	33.590	33.210	31.450

From: Peter Le <DirectorLe@mcwd.org>

Sent: Tuesday, October 8, 2019 3:18 PM

To: Keith Van Der Maaten <KVanDerMaaten@mcwd.org>; Derek Cray <dcray@mcwd.org>

Subject: Report on the 2019 California Special District Association (CSDA) Annual Conference

October 8, 2019

Board of Directors

Marina Coast Water District

I attended the 2019 California Special District Association (CSDA) Annual Conference and Exhibitor Showcase in Anaheim from September 25 to September 28, 2019. I submit this report on my attendance in accordance with the Board Procedures Manual.

Some of the presentation materials can be downloaded from the link:
guidebook.com/guide/159555

On Day 1, September 25, 2019, I attended the session "Everything You Ever Wanted to Know About Website Compliance". SB 929, passed in 2018, requires all special district websites to be in compliance by January 2020. Our District staff also needs to check our website for compliance with SB 272, AB 2853 (optional), AB 392, AB 2257, AB 2019, AB 169, CA Government Code 7405, a link to the Controller's "By the Numbers" (report must be submitted within 7 months after the close of the fiscal year), and a link to the Controller's Public Pay website (must be submitted by April 30 each year). A hand out gave important compliance checklist. I don't believe the District complies with the above laws and regulations. For example, the posted Board agenda showed new location or a different meeting time in red letters that was not in compliance with the ADA requirements as described by the instructor.

The second session I attended was the "Town Hall - Legal Eagles" where participants asked legal questions and the two attorneys, specialized in employment and contracts, answered their questions. Several people asked questions on AB 5 (independent contractors), public employment, and board practices and procedures. The information on AB 5 such as the ABC tests were informative and useful to the District.

Later on the day, I attended the Chapter Roundtable Discussion where elected officials and staff discussed the Chapter Logos, Chapter Websites, Draft Chapter Guide, and questions and answers from participants. The Draft CSDA Affiliated Chapter Guide, version 5, was distributed and comments need to be submitted to CSDA by the end of October. A Special District Association of Monterey County logo was provided and the Monterey Chapter needs to decide whether to endorse this logo or not. Our CSDA liaison also emailed me a draft copy of the Draft Chapter Guide and I asked Paula to email it to Monterey chapter members for discussion at the October 15, 2019 chapter meeting.

On Day 2, the Opening Keynote Speaker was Mark Scharenborich, an Emmy award-winning speaker. He spoke about "Nice Bike - Making Connections that Move People". His message was

to inspire audience members to be more engaged and passionate about connecting with others. His "Nice Bike" principle is supported by three strong actions: acknowledge, honor, and connect that will help build stronger and more unified team. We can use his principles for our District.

I then attended the session on "Policies, Procedures, and Task Lists". The speaker defined and explained the needs to adopt policies, procedures and task list for an organization. He went through an example that modified existing policies, procedures, and task lists to make them clearer, easy to follow, and easy to update or change later. There was no need to explain the policy in the policy itself. Policy: Describes a management decision (What should be done). Procedure: List in order the steps a team takes to complete an action loop (Who does what and when). Task Outline: Lists in order the steps one person takes to complete a procedure step or a series of related actions (How to do it). Our district can review existing policies, procedures, and task list, revise and update outdated or unclear or difficult to follow documents based on the instructor's recommendations.

In the afternoon, I attended the session "Are Your Electronic Devices Spying on You?". The speaker described devices that could keep tracks of your routines and personal information. The speaker recommended using the PrivacyNotIncluded website to see which devices that you should purchase. She also recommended reviewing information on the InternetOfThings website. Additionally, you can also do a quick check on privacy if you use Chrome browser. She recommended that you turn off voice-to-text feature, do not give permission to microphone or camera, check your privacy settings, and do not use public wifi for sensitive information.

The last session I attended was "District Elections and the California Voting Rights Act: Who is Targeted, and What Happens When You Are Challenged?" Two speakers gave a list of community colleges, school districts, special districts, cities, etc. that had changed from at large elections to district elections. No agency has won a law suit that kept at large elections after spending millions of dollars because the standards were fairly low. City of Santa Monica is an example. AB 350 capped the payment to challenger at \$30,000 if the agency converts to district election. But the procedure is very tight and the agency must follow the exact steps and timeline described in AB 350. The speakers recommended each special district reviews its own situations and, if necessary, converts to district elections before being challenged. This will save district money and the district can reflect desires of ratepayers. Our district may need to discuss this issue before being challenged like City of Marina.

On Day 3, Erik Qualman, the Keynote speaker, spoke on "Socialnomics: Your Path to Digital Transformation". Whether you like it or not, society will digitally transform and everyone will have his or her own digital stamp and digital shadow, but it will never replace face-to-face conversations. The speaker introduced his STAMP guide posts. S stands for Simple to do list. T stands for True north. A stands for Act that you are not afraid to fail to produce useful output. M stands for Map which guides you how to get there. P stands for people and the need to network before needed and to shine the light on people. Everyone will leave his or her own

digital stamp and digital shadow which represent legacy. A brief introduction to staff on the speaker's opinions may be useful to our district.

CSDA staff provided legislative update on legislation that CSDA supported, opposed and took no position and which one had passed, failed or placed on shelf after the lunch.

In the afternoon, I attended the session "Emotional Intelligence or Dealing with Difficult people". The instructor defined emotion intelligence and pointed the benefits of being self aware. He also explained the core traits that are associated with emotional intelligence, the techniques on how to effectively deal with emotions, the true nature of anger, how negative thoughts drive negative emotions and negative behaviors, and practical techniques to self manage and reduce stress levels. The instructor gave several examples and engaged participants in this lecture. It is recommended that district staff attend this class in order to gain the knowledge and techniques to deal with co workers, customers, and clients.

The last session I attended was "Tips and Tricks to Increase Engagement and Service on Boards and Commission". A General Manger of a special district gave her experience on putting on classes for potential candidates and participated in public events to provide information to the public. A staff from the Institute for Local Governments provided information on how to increase engagement and service Board and Commissions. Additional information can be obtained from the website CA-ILG.ORG.

This concludes my report on the 50th CSDA Conference. I thank the District for paying the registration fee, per diem and accommodation. I paid the transportation costs to reduce the expenses to the District.

Let me know if anyone needs information on one of the above sessions. I can provide additional information such as the relevant websites and power-point presentations.

Peter Le
Director, MCWD

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