



# FORT ORD REUSE AUTHORITY

## REGULAR MEETING

### FORT ORD REUSE AUTHORITY (FORA) WATER/WASTEWATER OVERSIGHT COMMITTEE

Wednesday, February 22, 2017 at 9:30 a.m.

920 2<sup>nd</sup> Avenue, Suite A, Marina CA 93933 (FORA Community Information Center)

## AGENDA

1. CALL TO ORDER/ESTABLISHMENT OF QUORUM
2. PLEDGE OF ALLEGIANCE
3. ACKNOWLEDGEMENTS, ANNOUNCEMENTS AND CORRESPONDENCE
4. PUBLIC COMMENT PERIOD

*Members of the public wishing to address the Committee on matters within its jurisdiction, but not on this agenda, may do so for up to 3 minutes and will not receive Committee action. Whenever possible, written correspondence should be submitted to the Committee in advance of the meeting, to provide adequate time for its consideration.*

5. APPROVAL OF MEETING MINUTES

- a. December 14, 2016 Meeting Minutes ACTION

6. BUSINESS ITEMS

*Business items are for Committee discussion, debate, direction to staff, and/or action. Comments from the public are not to exceed 3 minutes or as otherwise determined by the Chair.*

- a. Review 2016-2017 Second Quarter Report INFORMATION
- b. Review Fiscal Year (FY) 2017-18 Draft Budget INFORMATION
- c. Review FY 2017-18 Draft 5 year Capital Improvement Plan INFORMATION

7. ITEMS FROM MCWD

8. ITEMS FROM MEMBERS

*Receive communication from Committee members as it pertains to future agenda items.*

9. ADJOURNMENT

**NEXT MEETING: March 15, 2017**

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**FORT ORD REUSE AUTHORITY  
WATER/WASTEWATER OVERSIGHT COMMITTEE  
MEETING MINUTES**

920 2<sup>nd</sup> Avenue, Suite A, Marina CA 93933 | FORA Conference Room  
9:30 a.m., Wednesday, December 14, 2016

**1. CALL TO ORDER**

Confirming quorum, Chair Rick Riedl called the meeting to order at 9:34 a.m. The following were present:

**Committee Members:**

Nick Nichols, Monterey County  
Steve Matarazzo, University of California  
Santa Cruz (UCSC)  
Rick Riedl, City of Seaside  
Mike Lerch, CSUMB

Patrick Breen, Marina Coast Water District  
Bob Schaffer  
Ken Nishi  
Doug Yount

**FORA Staff:**

Jonathan Brinkmann  
Peter Said  
Ikuyo Yoneda-Lopez

**Other Attendees:**

Mike Wegley, Marina Coast Water District  
Kelly Cadiente, Marina Coast Water District

**2. PLEDGE OF ALLEGIANCE**

Peter Said led the pledge of allegiance.

**3. ACKNOWLEDGEMENTS, ANNOUNCEMENTS AND CORRESPONDENCE**

Mr. Peter Said of FORA announced that Marina Coast Water District is holding a meeting regarding its second Notice of Pending Recycled Water Availability to jurisdictions immediately following the Water/Wastewater Oversight Committee Meeting in the FORA office.

**4. PUBLIC COMMENT PERIOD**

None.

**5. APPROVAL OF MEETING MINUTES**

a. November 16, 2016

**MOTION:** Committee member Steve Matarazzo moved, seconded by Nick Nichols, to approve the November 16, 2016 Water/Wastewater Oversight Committee (WWOC) minutes.

**MOTION PASSED:** UNANIMOUSLY.

**6. BUSINESS ITEMS**

**a. Q1 Quarterly Report**

As discussed to at the November 16, 2016 Water/Wastewater Oversight Committee meeting, Ms. Kelly Cadiente of Marina Coast Water District (MCWD) provided the committee with the revised Q4 Financial Activity report after year-to-date actuals for administrative expense and interest expense were collected. Ms. Cadiente also presented the Q1 Quarterly Report to the committee. Mr. Mike Wegley of MCWD provided the committee with the Capital Improvement Program updates. Mr. Said inquired about the status of the Marina-Ord Community inter-tie. Mr. Wegley agreed to provide an update in July 2017 after sufficient data is collected.

**b. Review Budget Approval Calendar**

Ms. Cadiente presented the updated Budget Approval Calendar.

**c. Set 2017 Meeting Schedule**

Mr. Said proposed to include April 26, 2017 and May 3, 2017 special meeting dates into the current 2017 approved meeting schedule.

MOTION: Committee member Nick Nichols moved to add the special meeting dates to the existing meeting schedule. Seconded by Committee member Mike Lerch.

MOTION PASSED UNANIMOUSLY.

**7. ITEMS FROM MCWD**

None.

**8. ITEMS FROM MEMBERS**

None.

**9. ADJOURNMENT**

Chair Riedl adjourned the meeting at 10:45 a.m.

**NEXT MEETING: January 18, 2017**

Marina Coast Water District

**Quarterly Report  
to the**

**FORA**

**Water/Wastewater Oversight Committee**

**2<sup>nd</sup> QUARTER FY 2016/2017**

**October 1, 2016 – December 31, 2016**



# Introduction

The *1998 Joint Water and Wastewater Facilities Agreement* between the Marina Coast Water District and the Fort Ord Reuse Authority requires the District to make Quarterly Reports to the WWOC for its operations. This report covers the first quarter, FY 2016/2017, October 1, 2016 – December 31, 2016.

# Topics of Discussion

1. Water consumption data
2. Meter installation update
3. Significant O&M activities
4. Status of required permits
5. Water conservation activities
6. Capital Improvement Program update
7. Quarterly fiscal activity

# Water Consumption Data

	<u>Acre-Feet</u>			
	1 <sup>st</sup> Qtr	2 <sup>nd</sup> Qtr	3 <sup>rd</sup> Qtr	4 <sup>th</sup> Qtr
	Jul - Sep	Oct - Dec	Jan - Mar	Apr - Jun
	<u>15-16 / 16-17</u>	<u>15-16 / 16-17</u>	<u>14-15 / 15-16</u>	<u>14-15 / 15-16</u>
Total Water Pumped <sup>3</sup> :	509 / 527	359 / 373	433 / 332	465 / 490
Quantity of Water Metered:	341 / 337	487 / 305	345 / 263	397 / 281
Estimated Un-Metered Water Use <sup>1</sup> :	60 / 58	60 / 56	70 / 55	65 / 55
Estimated Line Loss <sup>2</sup> :	102 / 132	(188) / 12	18 / 14	25 / 154
Sewage Flow at Flume (mgd):	0.75 / 0.76	0.76 / 0.89	0.82 / 0.87	0.77 / 0.77

[1] Meter installation will replace estimated use.

[2] As O&M & R&R functions unfold over the years, MCWD expects line loss will be reduced to approximate industry standards (10%+/-).

[3] Includes water pumped through Ord/Marina Inter-tie (MCWD will balance Ord/Marina inter-tie water accounts over time)

# Meter Installation Update

	1 <sup>st</sup> Qtr	2 <sup>nd</sup> Qtr	3 <sup>rd</sup> Qtr	4 <sup>th</sup> Qtr
	Jul - Sep	Oct - Dec	Jan - Mar	Apr - Jun
	<u>16/17</u>	<u>16/17</u>	<u>15/16</u>	<u>15-16</u>
Total Non-Residential Meters*:	346	314	351	345
Metered Non-Residential:	100%	100%	100%	100%
<hr/>				
Total residential meters:	3417	3622	3122	3262
Residential units under a flat fee:	826	803	790	790
Residential Metered as % of all residential:	81%	81%	80%	81%

- ▶ AMR meters now mandatory for all development projects.
- ▶ Un-metered Residential Units: Army – Stillwell 318, Fitch 151, Marshall 334 (803 total active during the quarter).

\* Includes commercial, schools and hydrant meters which vary over time.



# Significant O&M Activities

- Annual Preventative Maintenance
  - Valve exercising
  - Main flushing
  - Hydrant maintenance
  - Sewer main jetting
  - Closed Circuit Television (CCTV)
  - Manhole Inspection
  - Generator maintenance
  - Pump efficiency testing
  - Leak Detection
  
- Programs
  - Cross-Connection Control
  - Fats, Oils and Grease (FOG) compliance work
  - Metering unmetered accounts in OMC
    - 97 installed to date, 976 more to meter before 2025

## Status of Required Permits

- District retains the following State and local regulatory agencies permits: State Water Resources Control Board (SWRCB), Division of Drinking Water (DDW) and Environmental Laboratory Accreditation Programs (ELAP), California Regional Water Quality Control Board, Monterey County Environmental Health, and the Monterey Bay Unified Air Pollution Control District. ELAP approved continued accredited status of District's laboratory accreditation renewal effective October 1, 2015, the application was deemed "complete and acceptable" and a list of approved fields of testing and analytes certificate was issued 8/24/15. Renewal period is two (2) years.
- District operates the water systems in Central Marina and Ord Community under one SWRCB Domestic Water Supply Permit, Marina Coast Water District, System No. 2710017. As required by the Safe Drinking Water Act, District completed preparation and distribution to its customers the 2015 Consumer Confidence Report or Annual Water Quality Report. District is in compliance of all California and USEPA drinking water standards. Its 2015 e-ARDWP (electronic Annual Drinking Water Program Report) was submitted 3/29/2016 to DWP District 05. 8/4/2016 Report deemed complete and acceptable.
- District reports to the statewide electronic reporting of sanitary sewage overflows (SSOs) administered by the State Water Resources Control Board Statewide General WDR, Order No. 2006-0003 for public agencies that owns and operates a sanitary sewer system.
- District implements the MCWD Fats/Oil/Grease (FOG) program and coordinates with MRWPCA the public education program to promote proper disposal of grease and fats.

# Water Conservation Activities

## **Conservation Assistance and Programs**

- Staff continues to assist homeowners in new development regarding irrigation
- Staff attended HOA meeting in East Garrison
- Staff attended CSUMB Otter Expo and CSUMB Internship conference
- Staff presented to CSUMB classrooms
- Staff met with landscape contractor for CSUMB, Abrams Park, and Preston Park to assess current irrigation and discuss potential incentives available
- Staff continues to meet and work with landscape contractor at Imjim Office Park
- Billing insert regarding irrigation controllers sent to all customers
- Staff continues interior surveys in CSUMB East Campus Housing prior to retrofit
- Staff attended “First Light of the Night” Event at Ord Chapel

## **2016 Conservation**

- Compared to 2013, water production reductions for October was at 31%, November was at 23%, and December was at 27% District-wide
- Exceeded the State’s Minimum requirement of 12% Production Savings each month District-wide

# Ord Community Rebates

## FY 2016-2017 Quarters 1 & 2

<b>Toilets</b>				
	# Rebates	Rebate Amount (\$)	Estimated Water Savings (units per year)	Estimated Water Savings (AF per year)
Q1	13	\$ 1,374.97	22.2	0.05
Q2	12	\$ 1,500.00	20.5	0.05
Total	25	\$ 2,874.97	42.8	0.10

<b>Clothes Washers</b>				
	# Rebates	Rebate Amount (\$)	Estimated Water Savings (units per year)	Estimated Water Savings (AF per year)
Q1	13	\$ 1,500.00	106.6	0.24
Q2	18	\$ 2,250.00	147.6	0.34
Total	31	\$ 3,750.00	254.1	0.58

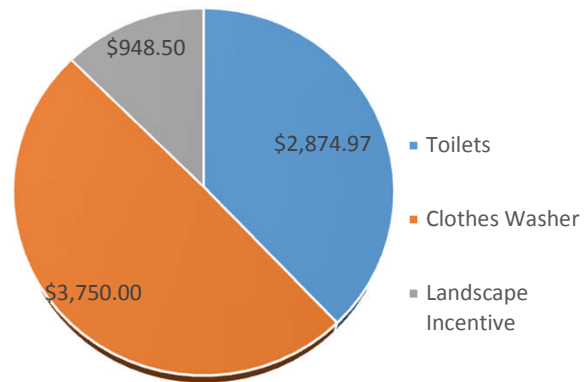
<b>Landscape Incentive</b>				
	# Rebates	Rebate Amount (\$)	Estimated Water Savings (units per year)	Estimated Water Savings (AF per year)
Q1	1	\$ 948.50	117	0.27
Q2	0	\$ -	0	0.00
Total	1	\$ 948.50	117	0.27

# Ord Community Rebates by Type, Rebate Amount, and Estimated Water Savings FY 2016-2017 Quarters 1 & 2

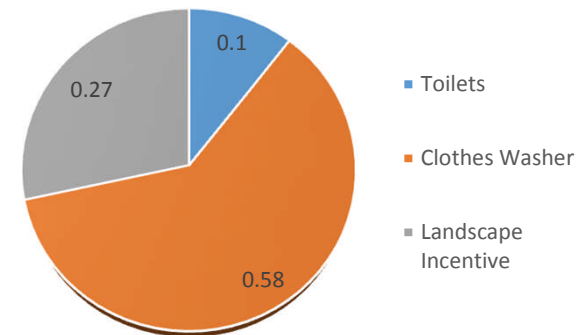
Rebate Type	Rebate Amount (\$)
Toilets	\$ 2,874.97
Clothes Washer	\$ 3,750.00
Landscape Incentive	\$ 948.50

Rebate Type	Estimated Water Savings (AF per year)
Toilets	0.10
Clothes Washer	0.58
Landscape Incentive	0.27

Rebate Type and Rebate Amount (\$)



Estimated Water Savings (AF per year)



# Capital Improvement Program Update

- Fiscal Year 2016/2017 Update
  - ❖ Water System
  - ❖ Wastewater System
  - ❖ Water Augmentation Project

<b>Water System FY 2016/2017 Second Quarter</b>					
<b>MCWD CIP</b>	<b>Project Name</b>	<b>Capital Budget</b>	<b>Budget Adjustment</b>	<b>Activity to Date</b>	<b>Comments</b>
<b>OW-0223</b>	<b>Well 30 Pump Replacement</b>	<b>\$210,000</b>		<b>\$108,668</b>	<b>Complete</b>
<b>OW-0206</b>	<b>Inter-Garrison Road Pipeline Upsizing</b>	<b>\$644,124</b>		<b>\$23,056</b>	<b>Whitson Engineers preparing design. Project construction sequenced to coincide with Inter-Garrison Rd Widening &amp; East Garrison commercial development.</b>
<b>OW-0128</b>	<b>Lightfighter B-zone Pipeline Design</b>	<b>\$605,199</b>		<b>\$85,414</b>	<b>Contract -MPE. Held Construction Kick-off Meeting and reviewed submittals. Construction to begin third quarter.</b>
<b>OW-0115</b>	<b>SCADA System Improvements</b>	<b>\$311,987</b>		<b>\$77,559</b>	<b>Procurement and Installation under way. End of useful life replacement and upgrade.</b>
<b>WD-0202</b>	<b>IOP Building E (BLM)</b>	<b>\$1,929,138 (\$3,572,479)</b>		<b>\$1,913,565 (\$3,543,638)</b>	<b>Construction Complete.</b>

<b>Wastewater System FY 2016/2017 Second Quarter</b>					
<b>MCWD CIP</b>	<b>Project Name</b>	<b>Capital Budget</b>	<b>Budget Adjustment</b>	<b>Activity to Date</b>	<b>Comments</b>
<b>OS-0200</b>	<b>Clark Lift Station Improvements (Clark Ct. &amp; Bostrom)</b>	<b>\$616,475</b>		<b>\$201,723</b>	<b>Contractor - Started demolition and construction. End of useful life replacement.</b>
<b>OS-0205</b>	<b>Imjin Lift Sta. &amp; Force Main Improvements - Phase 1</b>	<b>\$264,000</b>		<b>\$0</b>	<b>Design FY 16-17 and construction FY17-18. For long-term development flow increases from East-Garrison, UCMBEST &amp; Marina Airport.</b>
<b>OS-0152</b>	<b>Hatten Lift Sta. Improvements</b>	<b>\$110,000</b>	<b>-\$110,000</b>	<b>\$0</b>	<b>End of useful life replacement. Rebudget for Ord Village Force Main.</b>
<b>OS-0147</b>	<b>Ord Village FM Improvements Design</b>	<b>\$0</b>	<b>\$110,000</b>	<b>\$0</b>	<b>End of useful life replacement.</b>
<b>WD-0202</b>	<b>IOP Building E (BLM)</b>	<b>\$428,697 (\$3,572,479)</b>		<b>\$425,237 (\$3,543,638)</b>	<b>Construction complete.</b>



<b>Recycled Urban Water Augmentation Project FY 2016/2017 Second Quarter</b>				
<b>MCWD CIP</b>	<b>Project Name</b>	<b>Capital Budget</b>	<b>Activity to Date</b>	<b>Comments</b>
<b>RW- 0156</b>	<b>Recycled Water Delivery and Supply Project</b>	<b>\$12,760,000</b>	<b>\$1,076,724</b>	<b>Carollo redesigning to coordinate with PCA ATW/GWR. Acquiring ROW. SRF loan pending.</b>

# Ord Water 2nd Quarter Fiscal Activity

MARINA COAST WATER DISTRICT  
INCOME STATEMENT  
OCTOBER 1, 2016 TO DECEMBER 31, 2016  
(UNAUDITED)

ORD COMMUNITY WATER FUND

	CURRENT QUARTER				YEAR-TO-DATE			
	ACTUAL	BUDGET	\$ VARIANCE	% VARIANCE	ACTUAL	BUDGET	\$ VARIANCE	% VARIANCE
<b>REVENUES</b>								
WATER SALES	1,475,843	1,396,944	78,899	5.65%	3,018,067	2,793,887	224,180	8.02%
SEWER SALES	-	-	-	-	-	-	-	-
INTEREST INCOME	5,460	1,198	4,262	355.76%	10,351	2,396	7,955	332.01%
OTHER REVENUE	78,839	54,575	24,264	44.46%	211,869	109,150	102,719	94.11%
<b>TOTAL REVENUES</b>	<b>1,560,142</b>	<b>1,452,717</b>	<b>107,425</b>	<b>7.39%</b>	<b>3,240,287</b>	<b>2,905,433</b>	<b>334,854</b>	<b>11.53%</b>
<b>EXPENSES</b>								
ADMINISTRATIVE	479,816	490,192	(10,376)	(2.12%)	992,720	980,385	12,335	1.26%
OPERATING & MAINTENANCE	306,481	383,638	(77,157)	(20.11%)	626,120	767,276	(141,156)	(18.40%)
LABORATORY	41,644	56,185	(14,541)	(25.88%)	89,702	112,371	(22,669)	(20.17%)
CONSERVATION	41,001	66,710	(25,709)	(38.54%)	76,110	133,420	(57,310)	(42.95%)
ENGINEERING	113,458	202,952	(89,494)	(44.10%)	218,495	405,904	(187,409)	(46.17%)
INTEREST EXPENSE	327,574	203,168	124,406	61.23%	343,822	406,337	(62,515)	(15.39%)
FRANCHISE/MEMBERSHIP FEES	98,285	78,750	19,535	24.81%	188,323	157,500	30,823	19.57%
<b>TOTAL EXPENSES</b>	<b>1,408,259</b>	<b>1,481,595</b>	<b>(73,336)</b>	<b>(4.95%)</b>	<b>2,535,292</b>	<b>2,963,193</b>	<b>(427,901)</b>	<b>(14.44%)</b>
<b>NET GAIN (LOSS) FROM OPERATIONS</b>	<b>151,883</b>	<b>(28,878)</b>	<b>180,761</b>	<b>(625.95%)</b>	<b>704,995</b>	<b>(57,760)</b>	<b>762,755</b>	<b>(1320.56%)</b>
CAPACITY FEE/CAPITAL SURCHARGE	1,488,844	610,206	878,637	143.99%	2,532,365	1,220,413	1,311,953	107.50%
NON-OPERATING REVENUE	71,738	57,573	14,165	24.60%	141,565	115,145	26,420	22.94%
CAPITALIZED EQUIPMENT/CIP	126,548	355,815	(229,266)	(64.43%)	226,874	1,423,259	(1,196,385)	(84.06%)
DEVELOPER REVENUE	102,093	112,500	(10,407)	(9.25%)	207,514	225,000	(17,486)	(7.77%)
DEVELOPER EXPENSES	103,718	110,000	(6,282)	(5.71%)	197,172	220,000	(22,828)	(10.38%)

# Ord Sewer 2nd Quarter Fiscal Activity

MARINA COAST WATER DISTRICT  
 INCOME STATEMENT  
 OCTOBER 1, 2016 TO DECEMBER 31, 2016  
 (UNAUDITED)

## ORD COMMUNITY SEWER FUND

	CURRENT QUARTER				YEAR-TO-DATE			
	ACTUAL	BUDGET	\$ VARIANCE	% VARIANCE	ACTUAL	BUDGET	\$ VARIANCE	% VARIANCE
<b>REVENUES</b>								
WATER SALES	-	-	-	-	-	-	-	-
SEWER SALES	568,010	533,792	34,218	6.41%	1,121,825	1,067,584	54,241	5.08%
INTEREST INCOME	1,677	397	1,280	322.42%	3,176	794	2,382	300.00%
OTHER REVENUE	4,029	4,150	(121)	(2.92%)	18,112	8,300	9,812	118.22%
<b>TOTAL REVENUES</b>	<b>573,716</b>	<b>538,339</b>	<b>35,377</b>	<b>6.57%</b>	<b>1,143,113</b>	<b>1,076,678</b>	<b>66,435</b>	<b>6.17%</b>
<b>EXPENSES</b>								
ADMINISTRATIVE	92,586	114,363	(21,777)	(19.04%)	193,872	228,725	(34,853)	(15.24%)
OPERATING & MAINTENANCE	214,612	133,835	80,777	60.36%	369,445	267,669	101,776	38.02%
LABORATORY	-	-	-	-	-	-	-	-
CONSERVATION	-	-	-	-	-	-	-	-
ENGINEERING	22,839	57,984	(35,145)	(60.61%)	47,365	115,968	(68,603)	(59.16%)
INTEREST EXPENSE	106,095	65,512	40,583	61.95%	110,645	131,024	(20,379)	(15.55%)
FRANCHISE/MEMBERSHIP FEES	6,298	3,750	2,548	67.95%	11,733	7,500	4,233	56.44%
<b>TOTAL EXPENSES</b>	<b>442,430</b>	<b>375,444</b>	<b>66,986</b>	<b>17.84%</b>	<b>733,060</b>	<b>750,886</b>	<b>(17,826)</b>	<b>(2.37%)</b>
<b>NET GAIN (LOSS) FROM OPERATIONS</b>	<b>131,286</b>	<b>162,895</b>	<b>(31,609)</b>	<b>(19.40%)</b>	<b>410,053</b>	<b>325,792</b>	<b>84,261</b>	<b>25.86%</b>
CAPACITY FEE/CAPITAL SURCHARGE	446,117	249,210	196,907	79.01%	804,009	498,421	305,589	61.31%
NON-OPERATING REVENUE	20,087	16,120	3,966	24.60%	39,638	32,241	7,398	22.95%
CAPITAL IMPROVEMENT PROJECT	154,142	252,919	(98,776)	(39.05%)	158,606	1,011,675	(853,069)	(84.32%)
DEVELOPER REVENUE	21,804	35,000	(13,196)	(37.70%)	54,779	70,000	(15,221)	(21.74%)
DEVELOPER EXPENSES	18,340	27,500	(9,160)	(33.31%)	45,553	55,000	(9,447)	(17.18%)

FY 2017/2018 Budget Calendar  
 WWOC Review of Marina Coast Water District  
 (Inclusive of Marina Board & Ord Community review)  
 02/07/2017

<b>DATE</b>	<b>RP</b>	<b>MCWD</b>	<b>WWOC</b>	<b>FORA</b>	<b>DESCRIPTION</b>
12/14/2016	DAS/GM		X		Distribute 2017-2018 Draft Budget Schedule to WWOC
12/19/2016	DAS/GM	X			Distribute 2017-2018 Draft Budget Schedule to MCWD Board
02/15/2017	DAS/DH	X			Distribute 2017-2018 Budget Worksheets to Department Heads
02/21/2017	DAS/GM	X			Present 2016-2017 Mid-Year Report to MCWD Board. PUBLIC MEETING
02/22/2017	DAS/GM	X	X		Present 2016-2017 Mid-Year Report and Draft 2017-2018 5-Year CIP Plan to WWOC. PUBLIC MEETING
02/27/2017	DAS/DH	X			2017-2018 Budget Worksheets due from Department Heads
03/09/2017	DAS/GM		X		Distribute 2017-2018 Ord Community Draft Budget to WWOC for 03/15/17 meeting
03/20/2017	DAS/GM	X			Budget Workshop Meeting (Department Heads/Board). PUBLIC MEETING
04/12/2017	DAS/GM		X		Q&A with WWOC on 2017-2018 Ord Community Draft Budget and provide WWOC with updates from the Budget Workshop. PUBLIC MEETING.
04/17/2017	DAS/GM	X			Present Revised 2017-2018 Draft Budget to the Board. PUBLIC MEETING
04/26/2017 Special Meeting	DAS/GM		X		Further discussion 2017-2018 Ord Community Revised Draft Budget with WWOC. Possible WWOC recommendation to FORA Board. PUBLIC MEETING
05/01/2017	DAS/GM	X			Present 2017-2018 Revised Draft Budget to the Board. PUBLIC MEETING
05/03/2017 Special Meeting	DAS/GM		X		2017-2018 Ord Community Revised Draft Budget presented to WWOC for recommendation to FORA Board (if necessary). PUBLIC MEETING
05/12/2017	DAS/GM FORAStaff	X		X	FORA Board first vote to adopt 2017-2018 Ord Community Budgets. PUBLIC MEETING
06/09/2017	DAS/GM FORA Staff	X		X	FORA Board second vote to adopt 2017-2018 Ord Community Budgets (if necessary). PUBLIC MEETING
06/19/2017	DAS//GM	X			MCWD Board adopts 2017-2018 District Budget. PUBLIC MEETING

GM= General Manager; DAS= Director of Administrative Services; DH=Department Heads

Marina Coast Water District										
DRAFT Five-Year CIP										
CIP No.	PROJECT DESCRIPTION	FY 2016-17 Remaining	FY 2017-18 Proposed	FY 2018-19 Proposed	FY 2019-20 Proposed	FY 2020-21 Proposed	FY 2021-22 Proposed	OUT YEARS	TOTAL	CATEGORY
OW-0000	<b>Ord Water</b>									
OW-0206	Inter-Garrison Road Pipeline Up-Sizing - In Design	\$50,000	\$600,000	\$0	\$0	\$0	\$0	\$0	\$650,000	E
OW-0115	SCADA System Improvements -Phase II	\$311,987	\$0	\$0	\$0	\$0	\$0	\$0	\$311,987	E
OW-0128	Lightfighter "B" Zone Pipeline Extension - In Construction	\$335,800	\$0	\$0	\$0	\$0	\$0	\$0	\$335,800	M
OW-0223	Well 30 Pump Replacement	\$108,668	\$0	\$0	\$0	\$0	\$0	\$0	\$108,668	E
OW-0193	Imjin Parkway Pipeline, Reservation Rd to Abrams Drive	\$0	\$102,000	\$460,800	\$0	\$0	\$0	\$0	\$562,800	E
OW-0201	Gigling Transmission from D Booster to JM Blvd	\$0	\$109,100	\$332,100	\$0	\$0	\$0	\$0	\$441,200	E
OW-0119	Demolish D-zone Reservoir	\$0	\$0	\$17,900	\$160,700	\$0	\$0	\$0	\$178,600	E
OW-0230	Wellfield Main 2B -Well 31 to Well 34	\$0	\$0	\$164,400	\$0	\$167,700	\$518,300	\$0	\$850,400	E
OW-0127	CSUMB Pipeline Up-Sizing -Commercial Fireflow	\$0	\$0	\$38,311	\$0	\$38,311	\$0	\$117,231	\$193,853	E
OW-0211	Eastside Parkway (D-Zone pipeline)	\$0	\$0	\$0	\$415,632	\$2,498,444	\$0	\$0	\$2,914,076	M
OW-0203	7th Avenue and Gigling Rd	\$0	\$0	\$0	\$0	\$61,990	\$189,689	\$0	\$251,679	E
OW-0129	Rehabilitate Well 31	\$0	\$0	\$0	\$0	\$0	\$1,707,438	\$0	\$1,707,438	E
OW-0202	South Boundary Road Pipeline	\$0	\$0	\$0	\$0	\$0	\$205,000	\$1,289,000	\$1,494,000	M
OW-0122	Replace D & E Reservoir Off-Site Piping	\$0	\$0	\$0	\$0	\$0	\$0	\$1,016,400	\$1,016,400	E
OW-0167	2nd Ave extension to Gigling Rd	\$0	\$0	\$0	\$0	\$0	\$0	\$272,400	\$272,400	E
OW-0118	B4" Zone Tank @ East Garrison "	\$0	\$0	\$0	\$0	\$0	\$0	\$3,116,949	\$3,116,949	S
OW-0212	Reservoir D2" + D-BPS Up-Size "	\$0	\$0	\$0	\$0	\$0	\$0	\$3,997,826	\$3,997,826	E
OW-0208	Pipeline Up-Sizing -to Stockade	\$0	\$0	\$0	\$0	\$0	\$0	\$709,391	\$709,391	S
OW-0209	Pipeline Up-Sizing -between Dunes & MainGate	\$0	\$0	\$0	\$0	\$0	\$0	\$220,050	\$220,050	M
OW-0210	Sand Tank Demolition	\$0	\$0	\$0	\$0	\$0	\$0	\$542,078	\$542,078	E
OW-0204	2nd Ave Connection, Reindollar to Imjin Pkwy	\$0	\$0	\$0	\$0	\$0	\$0	\$1,214,489	\$1,214,489	E
OW-0214	Imjin Road, 8th St. to Imjin Pkwy	\$0	\$0	\$0	\$0	\$0	\$0	\$1,104,081	\$1,104,081	E
OW-0121	C2" to "B4" Pipeline and PRV Station "	\$0	\$0	\$0	\$0	\$0	\$0	\$1,409,403	\$1,409,403	S
OW-0171	Eucalyptus Rd Pipeline	\$0	\$0	\$0	\$0	\$0	\$0	\$2,351,264	\$2,351,264	M
OW-0213	Reservoir B4/B5 to East Garrison Pipeline	\$0	\$0	\$0	\$0	\$0	\$0	\$257,487	\$257,487	S
OW-0216	UCMBEST Pipeline	\$0	\$0	\$0	\$0	\$0	\$0	\$402,493	\$402,493	S
OW-0217	Reservation Road, Imjin to MBEST Drive	\$0	\$0	\$0	\$0	\$0	\$0	\$539,368	\$539,368	M
OW-0218	Golf Boulevard Transmission Line	\$0	\$0	\$0	\$0	\$0	\$0	\$1,104,081	\$1,104,081	M
OW-0219	B5" Zone Tank @ East Garrison "	\$0	\$0	\$0	\$0	\$0	\$0	\$3,116,949	\$3,116,949	S
OW-0231	Wellfield Main 3A -Intergarrison to ASP Bldg	\$0	\$0	\$0	\$0	\$0	\$0	\$3,541,126	\$3,541,126	E
OW-0232A	Install Well 36 -Retire Well 29	\$0	\$0	\$0	\$0	\$0	\$0	\$2,515,243	\$2,515,243	E
OW-0232B	Wellfield Main 1B -between Wells 36 and 35	\$0	\$0	\$0	\$0	\$0	\$0	\$3,169,802	\$3,169,802	E
OW-0233	Wellfield Main 1C (Parallel) Well 36 to ASP Bldg	\$0	\$0	\$0	\$0	\$0	\$0	\$3,736,274	\$3,736,274	M
OW-0234	B-BPS at ASP Bldg	\$0	\$0	\$0	\$0	\$0	\$0	\$1,355,195	\$1,355,195	M
OW-0235	Ord Well-head Disinfection	\$0	\$0	\$0	\$0	\$0	\$0	\$2,710,391	\$2,710,391	M

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**Marina Coast Water District**

**DRAFT Five-Year CIP**

CIP No.	PROJECT DESCRIPTION	FY 2016-17 Remaining	FY 2017-18 Proposed	FY 2018-19 Proposed	FY 2019-20 Proposed	FY 2020-21 Proposed	FY 2021-22 Proposed	OUT YEARS	TOTAL	CATEGORY
OS-0000	<b>Ord Sewer</b>									
OS-0200	Clark Lift Station Improvement -In Construction	\$616,475	\$0	\$0	\$0	\$0	\$0	\$0	\$616,475	E
OS-0147	Ord Village Sewer Pipeline & Lift Station Impr Project	\$110,000	\$662,651	\$0	\$0	\$0	\$0	\$0	\$772,651	E
OS-0205	Imjin LS & Force Main Improvements-Phase 1	\$50,000	\$0	\$574,000	\$0	\$0	\$0	\$558,000	\$1,182,000	M
OS-0203	Gigling LS and FM Improvements -In Design	\$65,000	\$1,316,000	\$0	\$0	\$0	\$0	\$0	\$1,381,000	E
OS-0208	Parker Flats Collection System	\$0	\$0	\$103,530	\$0	\$0	\$0	\$0	\$103,530	M
OS-0152	Hatten, Booker, Neeson LS Improvements Project	\$0	\$0	\$0	\$100,000	\$425,000	\$0	\$370,000	\$895,000	E
OS-0153	Misc. Lift Station Improvements	\$0	\$0	\$0	\$561,000	\$936,360	\$0	\$0	\$1,497,360	E
OS-0209	Imjin LS & Force Main Improvements-Phase 2	\$0	\$0	\$0	\$65,000	\$0	\$920,000	\$370,000	\$1,355,000	E
OS-0154	Del Rey Oaks-Collection System Planning	\$0	\$0	\$0	\$0	\$61,200	\$0	\$0	\$61,200	S
OS-0202	SCSD Sewer Improvements-DRO	\$0	\$0	\$0	\$0	\$502,454	\$0	\$1,537,510	\$2,039,964	S
OS-0204	CSUMB Developments	\$0	\$0	\$0	\$0	\$608,899	\$0	\$0	\$608,899	S
OS-0207	Seaside Resort Sewer Imps. Project	\$0	\$0	\$0	\$0	\$0	\$326,146	\$0	\$326,146	S
OS-0149	Dunes Sewer Pipeline Replacement Projects	\$0	\$0	\$0	\$0	\$0	\$461,923	\$0	\$461,923	M
OS-0151	Cypress Knolls Sewer Pipeline Improvements Project	\$0	\$0	\$0	\$0	\$0	\$97,424	\$0	\$97,424	S
OS-0215	Demolish Ord Main Garrison WWTP	\$0	\$0	\$0	\$0	\$0	\$0	\$1,623,648	\$1,623,648	E
OS-0148	Marina Heights Sewer Pipeline Improvements Project	\$0	\$0	\$0	\$0	\$0	\$0	\$825,863	\$825,863	M
OS-0150	East Garrison Lift Station Improvements	\$0	\$0	\$0	\$0	\$0	\$0	\$260,000	\$260,000	E
OS-0206	Fitch Park Sewer Improvements	\$0	\$0	\$0	\$0	\$0	\$0	\$127,071	\$127,071	S
OS-0210	1st Ave Sewer Pipeline Replacement Project	\$0	\$0	\$0	\$0	\$0	\$0	\$408,340	\$408,340	M
OS-0211	Gen'l Jim Moore Sewer Pipeline Replacement Project	\$0	\$0	\$0	\$0	\$0	\$0	\$49,972	\$49,972	M
OS-0212	Gen'l Jim Moore Sewer Pipeline Replacement Project III	\$0	\$0	\$0	\$0	\$0	\$0	\$187,037	\$187,037	M
OS-0214	Intergarrison/8th Ave SS (for Eastside Pkwy developments)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	M
OS-0213	MRWPCA Buy-In	\$0	\$0	\$0	\$0	\$0	\$0	\$11,040,808	\$11,040,808	M
OS-0216	SCSD Sewer Improvements-Seaside East	\$0	\$0	\$0	\$0	\$0	\$0	\$6,480,709	\$6,480,709	S
OS-0217	SCSD Sewer Improvements-City of Monterey	\$0	\$0	\$0	\$0	\$0	\$0	\$1,444,854	\$1,444,854	S

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Marina Coast Water District										
DRAFT Five-Year CIP										
CIP No.	PROJECT DESCRIPTION	FY 2016-17 Remaining	FY 2017-18 Proposed	FY 2018-19 Proposed	FY 2019-20 Proposed	FY 2020-21 Proposed	FY 2021-22 Proposed	OUT YEARS	TOTAL	CATEGORY
<b>General Water (33% Marina, 67% Ord)</b>										
GW-0112	A1 & A2 Zone Tanks & B/C Booster Station - LandAcquisition Issue	\$3,644,720	\$0	\$3,265,330	\$3,369,150	\$0	\$0	\$0	\$10,279,200	E
GW-0123	B2" Zone Tank @ CSUMB "	\$200,000	\$0	\$0	\$0	\$1,230,000	\$1,184,871	\$0	\$2,614,871	M
GW-0210	Reservoir A3 (1.6 MG)	\$0	\$0	\$0	\$0	\$0	\$0	\$3,469,240	\$3,469,240	M
GW-0231	Install Well 37 -Retire well 12	\$0	\$0	\$0	\$0	\$0	\$0	\$6,251,516	\$6,251,516	EDS
GW-0232	Install Well 38 -Retire well 10	\$0	\$0	\$0	\$0	\$0	\$0	\$6,251,516	\$6,251,516	EDS
GW-0233	A-BPS at ASP Bldg + Forebay Tank	\$0	\$0	\$0	\$0	\$0	\$0	\$1,665,535	\$1,665,535	EDS
GW-0234	Install Well 39 -Retire Well 30	\$0	\$0	\$0	\$0	\$0	\$0	\$6,251,516	\$6,251,516	EDS
GW-0235	B-BPS Expansion and Transmission to A1/A2 Tanks	\$0	\$0	\$0	\$0	\$0	\$0	\$13,084,043	\$13,084,043	EDS
GW-0236	Install Well 40 -Retire Well 11	\$0	\$0	\$0	\$0	\$0	\$0	\$6,251,516	\$6,251,516	EDS
GW-0237	Install Well 41 -Retire Well 31	\$0	\$0	\$0	\$0	\$0	\$0	\$6,251,516	\$6,251,516	EDS
<b>General Sewer (37% Marina, 63% Ord)</b>										
GS-0200	Odor Control Project	\$0	\$0	\$120,000	\$0	\$0	\$0	\$0	\$120,000	E
GS-0201	Del Monte/Reservation Road Sewer Main Improvements	\$0	\$0	\$0	\$0	\$270,000	\$0	\$0	\$270,000	E
<b>Water District-Wide (27% MW, 7%MS, 54%OW, 12%OS)</b>										
WD-0202	<b>IOP Building E (BLM)</b>	\$3,572,479	\$0	\$0	\$0	\$0	\$0	\$0	\$3,572,479	M
WD-0106	Corp Yard Demolition & Rehab	\$0	\$120,000	\$450,000	\$0	\$0	\$0	\$0	\$570,000	E
WD-0110	Asset Management Program -Phase II	\$0	\$0	\$0	\$250,000	\$0	\$0	\$0	\$250,000	E
WD-0110A	Asset Management Program --Phase III	\$0	\$0	\$0	\$0	\$0	\$250,000	\$0	\$250,000	E
WD-0115A	SCADA System Improvements (Security + RD integration)	\$0	\$0	\$0	\$0	\$0	\$0	\$410,000	\$410,000	E
<b>Water Augmentation</b>										
RW-0156	RUWAP ATW - Normandy to MRWPCA	\$12,760,000	\$14,124,000	\$7,554,000	\$0	\$0	\$0	\$2,000,000	\$36,438,000	

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## **FORT ORD REUSE AUTHORITY**

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# **2017 FORA WWOC MEETING SCHEDULE**

January 18

February 22

March 15

April 12

April 26 – Special Meeting

May 03 – Special Meeting

May 17

June 14

July 19

August 16

September 13

October 18

(November 10 Veterans Day is Observed)

November 22

December 13

All Water Wastewater Oversight Committee meetings are open to the public. The Water/Wastewater Oversight Committee (WWOC) meets Wednesdays, at 9:30 am or following the FORA Administrative Committee meeting, whichever occurs later. Meeting dates are subject to change. Please call the FORA office for up to date information. . Meeting dates and times are subject to change. Agendas and other meeting materials are posted on the FORA website [www.fora.org](http://www.fora.org) and are available upon request.