

Marina Coast Water District

**Quarterly Report
to the**

FORA

Water/Wastewater Oversight Committee

1st QUARTER FY 2015/2016



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 2015/2016, July 1, 2015 – September 30, 2015.

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 st Qtr <u>14-15 / 15-16</u>	2 nd Qtr <u>13-14 / 14-15</u>	3 rd Qtr <u>13-14 / 14-15</u>	4 th Qtr <u>13-14 / 14-15</u>
Total Water Pumped ³ :	785 / 509	525 / 571	601 / 433	756 / 465
Quantity of Water Metered:	588 / 341	408 / 438	280 / 345	505 / 397
Estimated Un-Metered Water Use ¹ :	66 / 60	94 / 94	94 / 70	66 / 65
Estimated Line Loss ² :	131 / 102	23 / 39	227 / 18	185 / 25
Sewage Flow at Flume (mgd):	0.79 / 0.75	0.91 / 0.90	0.84 / 0.82	0.82 / 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 st Qtr <u>15/16</u>	2 nd Qtr <u>14/15</u>	3 rd Qtr <u>14/15</u>	4 th Qtr <u>14-15</u>
Total Non-Residential Meters*:	351	271	351	351
Metered Non-Residential:	100%	100%	100%	100%
Total residential meters installed:	3063	2816	3032	3032
Residential units under a flat fee:	737	737	782	783
Residential Metered as % of all residential:	81%	72%	80%	79%

- ▶ AMR meters now mandatory for all development projects.
- ▶ Un-metered Residential Units: Army – Stillwell 299, Fitch 161, Marshall 275 (735 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) gravity sewer camera inspection equipment is currently out for installation into new CCTV van.
 - Manhole Inspection
 - Generator maintenance
 - Pump efficiency testing
- Connection Control Survey of the water system, ongoing
- Fats, Oils and Grease (FOG) compliance work, ongoing
- Inventory and planning for metering unmetered accounts where possible
- El Nino preparation activities. Review/update Emergency Response Plan (ERP)

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, 2013 and a site audit conducted late April 2014. List of approved fields of testing and analytes certificate issued 8/21/14. Renewal period is (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 2013 Consumer Confidence Report or Annual Water Quality Report. District is in compliance of all California and USEPA drinking water standards. Its 2014 e-ARDWP (electronic Annual Drinking Water Program Report) deemed complete and acceptable 4/29/2015 by DWP District 05.

➔ 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

Interior/Exterior Water Conservation Assistance Programs – Assisting Existing Customers

- Water use analysis for large landscape sites on-going
- Noticed increase in leaks and high water use at East Garrison due to irrigation
- Assisted many customers at new Shea Homes development regarding high water use and broken irrigation systems
- New Water Conservation Specialist I hired
- Service Learning student from CSUMB developing water conservation video clips

Rebate and Incentives

- Monterey Peninsula Unified School District completed retrofitting of all irrigation controllers at twelve sites to weather-based irrigation controllers
- Strong interest in Landscape Incentives
- Completed retrofitting of 87 toilets at Best Western in Marina
- Met with different Property Managers from multiple apartment complexes to discuss retrofitting irrigation performance and efficiency
- State introduced incentive program for replacing your turf to help supplement local Water Districts program's
- Several customers reported approval from State Lawn Replacement incentive program

2014 Statewide Drought

- New State website to anonymously report water waste is up and running
- New State Model Water Efficient Landscape Ordinance (MWELO) proposed
- Revisions of MWELO require cities to either adopt stricter standards or follow proposed model; effective December 1st, 2015

Capital Improvement Program Update

❖ Fiscal Year 2015/2016 Update

- Water System
- Wastewater System
- Water Augmentation Project

	Water System FY 2015/2016 First Quarter		
<i>MCWD CIP</i>	<i>Project Name</i>	<i>Capital Budget</i>	<i>Comments</i>
OW-0201	Gigling Transmission from D Booster Pump Station to JM Blvd.	\$109,100	Budgeted for design. No action this quarter. Project sequenced to coincide with Gigling Rd Widening.
OW-0223	Well 30 Pump Replacement	\$210,000	Preconstruction w/ Maggiora Well Drilling. Submittal returned for corrections. Next quarter submittal approval and fabrication.
OW-0240	3 rd Street Water Main	\$122,000	Contract bid, awarded and signed with Anderson Pacific. Construction next quarter.
WD-0115	SCADA System Improvements	\$137,700	Radio upgrades at existing remote sites. No progress this quarter. Cost center share is 66% (\$90,882).
OW-0193	Imjin Pkwy Pipeline - Reservation Rd. to Abrams Dr.	\$52,000	Budgeted for design. No action this quarter. Project sequenced to coincide with Imjin Pkwy Widening.
WD-0202	IOP Building E (BLM)	\$2,542,500	Construction by Dilbeck & Sons on-going. Cost center share is 54% (\$1,372,950).
GW-0123	B2 Zone Tank (Next to B1)	\$200,000	Budgeted for design. No Action this quarter. Project sequenced to follow A-zone tanks. Cost center share is 63% (\$126,000).
GW-0212	Potable Water Tank Compliance Project	\$45,000	Awarded in June to Inland Potable Services. Inspections in late July. Cost center share is 63% (\$28,350).

	Water System FY 2015/2016 First Quarter		
<i>MCWD CIP</i>	<i>Project Name</i>	<i>Capital Budget</i>	<i>Comments</i>
<i>GW-0112</i>	<i>A1&A2 Zone Tanks & B/C Booster Station</i>	<i>\$1,301,446</i>	<i>Easement acquisition in progress. Cost center share is 63% (\$819,911).</i>
<i>OW-0206</i>	<i>Inter-Garrison Road Pipeline Upsizing</i>	<i>\$167,485</i>	<i>Budgeted for design. Completing Consultant Agreement with Whitson Engineers this quarter. Project sequenced to coincide with Inter-Garrison Rd Widening.</i>
<i>OW-128</i>	<i>Lightfighter B-zone Pipeline Design</i>	<i>\$32,000</i>	<i>Budgeted for design. No Action this quarter. Required to serve redevelopment demands in the area because no progress is no progress on A-zone tank property acquisition.</i>

	Wastewater System FY 2015/2016 First Quarter		
MCWD CIP	Project Name	Capital Budget	Comments
OS-0200	Clark Lift Station Improvements (Clark Ct. & Brostrom)	\$287,902	End of useful life replacement. No progress this quarter.
OS-0205	Imjin Lift Sta. & Force Main Improvements - Phase 1	\$248,000	For long-term development flow increases from East-Garrison, UCMBEST & Marina Airport. Moved to the FY 2015-16 budget. No action this quarter.
OS-0203	Gigling Force Main Replacement	\$573,000	Beyond useful life. No progress this quarter. Scope design with Seaside next quarter.
OS-0152	Hatten, LS Improvements	\$110,000	End of useful life replacement. No progress this quarter.
WD-0115	SCADA System Improvements	\$137,700	No progress this quarter. Cost center share is 12% (\$16,254).
WD-0202	IOP Building E (BLM)	\$2,542,500	Construction on-going. Cost center share is 12%(\$35,100).

		Water Augmentation Project FY 2015/2016		
<i>MCWD CIP</i>	<i>FORA CIP</i>	<i>Project Name</i>	<i>Capital Budget</i>	<i>Comments</i>
<i>RW-0156</i>		<i>Recycled Water Delivery and Supply Project</i>		<i>Apply for SRF Loan next quarter</i>

Ord Water 1st Quarter Fiscal Activity

INCOME STATEMENT
JULY 1, 2015 TO SEPTEMBER 30, 2015
(UNAUDITED)

ORD COMMUNITY WATER FUND

	CURRENT QUARTER				YEAR-TO-DATE			
	ACTUAL	BUDGET	\$ VARIANCE	% VARIANCE	ACTUAL	BUDGET	\$ VARIANCE	% VARIANCE
REVENUES								
WATER SALES	1,374,942	1,365,732	9,210	0.67%	1,374,942	1,365,732	9,210	0.67%
SEWER SALES	-	-	-	-	-	-	-	-
INTEREST INCOME	15,924	20,466	(4,542)	(22.19%)	15,924	20,466	(4,542)	(22.19%)
OTHER REVENUE	73,756	33,775	39,981	118.37%	73,756	33,775	39,981	118.37%
TOTAL REVENUES	1,464,622	1,419,973	44,649	3.14%	1,464,622	1,419,973	44,649	3.14%
EXPENSES								
ADMINISTRATIVE	399,571	426,377	(26,806)	(6.29%)	399,571	426,377	(26,806)	(6.29%)
OPERATING & MAINTENANCE	377,021	452,971	(75,950)	(16.77%)	377,021	452,971	(75,950)	(16.77%)
LABORATORY	43,033	53,211	(10,178)	(19.13%)	43,033	53,211	(10,178)	(19.13%)
CONSERVATION	39,355	68,279	(28,924)	(42.36%)	39,355	68,279	(28,924)	(42.36%)
ENGINEERING	100,860	193,600	(92,740)	(47.90%)	100,860	193,600	(92,740)	(47.90%)
INTEREST EXPENSE	6,224	250,786	(244,562)	(97.52%)	6,224	250,786	(244,562)	(97.52%)
FRANCHISE/MEMBERSHIP FEES	75,828	68,750	7,078	10.30%	75,828	68,750	7,078	10.30%
TOTAL EXPENSES	1,041,892	1,513,974	(472,082)	(31.18%)	1,041,892	1,513,974	(472,082)	(31.18%)
NET GAIN (LOSS) FROM OPERATIONS	422,730	(94,001)	516,731	(549.71%)	422,730	(94,001)	516,731	(549.71%)
CAPACITY FEE/CAPITAL SURCHARGE	424,372	339,875	84,497	24.86%	424,372	339,875	84,497	24.86%
GRANT REVENUE	-	-	-	-	-	-	-	-
NON-OPERATING REVENUE	22,430	30,587	(8,157)	(26.67%)	22,430	30,587	(8,157)	(26.67%)
CAPITAL IMPROVEMENT PROJECT	66,365	-	66,365	100.00%	66,365	-	66,365	100.00%
DEVELOPER REVENUE	128,248	-	128,248	100.00%	128,248	-	128,248	100.00%
DEVELOPER EXPENSES	123,926	75,000	48,926	65.23%	123,926	75,000	48,926	65.23%

Ord Sewer 4th Quarter Fiscal Activity

MARINA COAST WATER DISTRICT
INCOME STATEMENT
JULY 1, 2015 TO SEPTEMBER 30, 2015
(UNAUDITED)

ORD COMMUNITY SEWER FUND

	CURRENT QUARTER				YEAR-TO-DATE			
	ACTUAL	BUDGET	\$ VARIANCE	% VARIANCE	ACTUAL	BUDGET	\$ VARIANCE	% VARIANCE
REVENUES								
WATER SALES	-	-	-	-	-	-	-	-
SEWER SALES	500,292	517,988	(17,696)	(3.42%)	500,292	517,988	(17,696)	(3.42%)
INTEREST INCOME	6,151	8,030	(1,879)	(23.40%)	6,151	8,030	(1,879)	(23.40%)
OTHER REVENUE	15,685	3,700	11,985	323.92%	15,685	3,700	11,985	323.92%
TOTAL REVENUES	522,128	529,718	(7,590)	(1.43%)	522,128	529,718	(7,590)	(1.43%)
EXPENSES								
ADMINISTRATIVE	96,315	90,624	5,691	6.28%	96,315	90,624	5,691	6.28%
OPERATING & MAINTENANCE	105,596	126,046	(20,450)	(16.22%)	105,596	126,046	(20,450)	(16.22%)
LABORATORY	-	-	-	-	-	-	-	-
CONSERVATION	-	-	-	-	-	-	-	-
ENGINEERING	22,075	61,469	(39,394)	(64.09%)	22,075	61,469	(39,394)	(64.09%)
INTEREST EXPENSE	1,743	101,288	(99,545)	(98.28%)	1,743	101,288	(99,545)	(98.28%)
FRANCHISE FEE	4,899	3,750	1,149	30.64%	4,899	3,750	1,149	30.64%
TOTAL EXPENSES	230,628	383,177	(152,549)	(39.81%)	230,628	383,177	(152,549)	(39.81%)
NET GAIN (LOSS) FROM OPERATIONS	291,500	146,541	144,959	98.92%	291,500	146,541	144,959	98.92%
CAPACITY FEE/CAPITAL SURCHARGE	168,129	101,511	66,619	65.63%	168,129	101,511	66,619	65.63%
GRANT REVENUE	-	-	-	-	-	-	-	-
NON-OPERATING REVENUE	6,280	7,721	(1,440)	(18.66%)	6,280	7,721	(1,440)	(18.66%)
CAPITAL IMPROVEMENT PROJECT	30,191	-	30,191	100.00%	30,191	-	30,191	100.00%
DEVELOPER REVENUE	43,948	-	43,948	100.00%	43,948	-	43,948	100.00%
DEVELOPER EXPENSES	39,982	25,000	14,982	59.93%	39,982	25,000	14,982	59.93%