

Marina Coast Water District

**Quarterly Report
to the**

FORA

Water/Wastewater Oversight Committee

4th QUARTER FY 2014/2015



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 fourth quarter, FY 2014/2015, April 1, 2015 – June 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	2 nd Qtr	3 rd Qtr	4 th Qtr
	<u>13-14 / 14-15</u>	<u>13-14 / 14-15</u>	<u>13-14 / 14-15</u>	<u>13-14 / 14-15</u>
Total Water Pumped ³ :	811 / 785	525 / 571	601 / 433	756 / 465
Quantity of Water Metered:	611 / 588	408 / 438	280 / 345	505 / 397
Estimated Un-Metered Water Use ¹ :	94 / 66	94 / 94	94 / 70	66 / 65
Estimated Line Loss ² :	106 / 131	23 / 39	227 / 18	185 / 3
Sewage Flow at Flume (mgd):	0.84 / 0.79	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>14/15</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*:	272	271	351	351
Metered Non-Residential:	100%	100%	100%	100%
Total residential meters installed:	2927	2816	3032	3032
Residential units under a flat fee:	737	737	782	783
Residential Metered as % of all residential:	80%	72%	80%	79%

- ▶ AMR meters now mandatory for all development projects.
- ▶ Un-metered Residential Units: Army – Stillwell 308, Fitch 216, Marshall 259 (783 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
 - Manhole Inspection
 - Generator maintenance
 - Pump efficiency testing
- Connection Control Survey of the water system
- Fats, Oils and Grease (FOG) compliance work ongoing
- Working with Military Housing to meter flat rate accounts

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
- Large toilet retrofit started at Best Western Beach Dunes Inn
- Irrigation assistance for Shoreline at Monterey Bay multi-family apartments
- Placards regarding the need to conserve water delivered to restaurants and hotels
- Assist customers with high water use and leak inspections
- Public Outreach on water conservation at CSUMB Earth Day Event
- Presentation at CSUMB classroom educating students on how to use less water
- Public Outreach on water conservation for Marina Garden Tour Event
- New Water Conservation Intern hired

Rebate and Incentive Programs

- Increase in interest for landscape incentive with multiple projects completed
- Increase in interest for hot water recirculation pump incentive
- Met with Monterey Peninsula Unified School District to discuss upgrading all irrigation controllers to smart irrigation controllers

2014 Statewide Drought

- Started monthly state water monitoring reports
- Started reporting itemized category consumption i.e commercial, institutional, industrial, etc.
- Started tracking number of infractions/customers contacted about water use
- Bill inserts created and mailed informing customers of watering restrictions

Capital Improvement Program Update

❖ Fiscal Year 2014/2015 Update

- Water System
- Wastewater System
- Water Augmentation Project

Water System FY 2014/2015			
MCWD CIP	Project Name	Capital Budget	Comments
OW-0201	Gigling Transmission from D Booster to JM Blvd.	\$1,800	No action. Budgeted for design in FY 15/16
OW-0223	Well 30 Pump Replacement	\$210,000	Contract awarded in June to Maggiora Brothers. Install equipment in 2015-2016.
OW-0240	3 rd Street Water Main	\$122,000	Added as a repair project. Designed under on-call contract. Issue for Bid July 2015.
WD-0115	SCADA System Improvements	\$35,000	Cost center share is 26% (\$9,100). Radio upgrades at existing stations.
WD-0203	Ord Office Landscape Project	\$20,500	Closed.
WD-0202	IOP Building E (BLM)	\$2,262,400	Cost center share is 50%(\$1,131,200). Construction on-going.
GW-0212	Potable Water Tank Compliance Project	\$58,000	Cost center share is 63% (\$36,540). Awarded in June to Inland Potable Services. Inspections in late July.
GW-0112	A1&A2 Zone Tanks & B/C Booster Station	\$278,514	Cost center share is 63% (\$175,464). Easement acquisition in progress.

	Wastewater System FY 2014/2015		
<i>MCWD CIP</i>	<i>Project Name</i>	<i>Capital Budget</i>	<i>Comments</i>
<i>OS-0200</i>	<i>Clark Lift Station Improvements</i>	<i>\$287,902</i>	<i>Moved to the FY 2015-16 budget.</i>
<i>OS-0205</i>	<i>Imjim LS & Force Main Improvements - Phase 1</i>	<i>\$28,000</i>	<i>Moved to the FY 2015-16 budget.</i>
<i>OS-0183</i>	<i>Gigling Force Main Replacement</i>	<i>\$1,000,000</i>	<i>Design in FY14/15, construct in FY15/16</i>
<i>WD-0115</i>	<i>SCADA System Improvements</i>	<i>\$35,000</i>	<i>Cost center share is 33% (\$11,550).</i>
<i>WD-0203</i>	<i>Ord Office Landscape Project</i>	<i>\$20,500</i>	<i>Closed</i>

		Water Augmentation Project FY 2014/2015		
<i>MCWD CIP</i>	<i>FORA CIP</i>	<i>Project Name</i>	<i>Capital Budget</i>	<i>Comments</i>
<i>RD-0101</i>		<i>Regional Desalination Project</i>	<i>\$1,000,000</i>	<i>Legal Fees.</i>

Ord Water 4th Quarter Fiscal Activity

MARINA COAST WATER DISTRICT
INCOME STATEMENT
APRIL 1, 2015 TO JUNE 30, 2015
(UNAUDITED)

ORD COMMUNITY WATER FUND

	CURRENT QUARTER				YEAR-TO-DATE			
	ACTUAL	BUDGET	\$ VARIANCE	% VARIANCE	ACTUAL	BUDGET	\$ VARIANCE	% VARIANCE
REVENUES								
WATER SALES	1,412,228	1,588,678	(176,450)	(11.11%)	5,855,108	4,766,033	1,089,075	22.85%
SEWER SALES	-	-	-	-	-	-	-	-
INTEREST INCOME	52,184	20,579	31,605	153.58%	96,773	61,736	35,037	56.75%
OTHER REVENUE	64,636	22,693	41,943	184.83%	355,977	68,078	287,899	422.90%
TOTAL REVENUES	1,529,048	1,631,950	(102,902)	(6.31%)	6,307,858	4,895,847	1,412,011	28.84%
EXPENSES								
ADMINISTRATIVE	389,027	389,605	(578)	(0.15%)	1,456,393	1,168,815	287,578	24.60%
OPERATING & MAINTENANCE	387,916	452,060	(64,144)	(14.19%)	1,425,562	1,356,180	69,382	5.12%
LABORATORY	44,217	50,711	(6,494)	(12.81%)	152,472	152,132	340	0.22%
CONSERVATION	48,071	40,203	7,868	19.57%	173,180	120,610	52,570	43.59%
ENGINEERING	104,423	101,242	3,181	3.14%	372,689	303,725	68,964	22.71%
INTEREST EXPENSE	597,096	261,551	335,545	128.29%	1,038,314	784,652	253,662	32.33%
FRANCHISE/MEMBERSHIP FEES	71,480	67,500	3,980	5.90%	270,243	202,500	67,743	33.45%
TOTAL EXPENSES	1,642,230	1,362,872	279,358	20.50%	4,888,853	4,088,614	800,239	19.57%
NET GAIN (LOSS) FROM OPERATIONS	(113,182)	269,078	(382,260)	(142.06%)	1,419,005	807,233	611,772	75.79%
CAPACITY FEE/CAPITAL SURCHARGE	229,978	508,100	(278,122)	(54.74%)	830,218	1,524,300	(694,082)	(45.53%)
GRANT REVENUE	-	-	-	-	-	-	-	-
NON-OPERATING REVENUE	47,964	29,627	18,337	61.89%	115,253	88,881	26,372	29.67%
CAPITAL IMPROVEMENT PROJECT	226,922	-	226,922	100.00%	1,461,992	-	1,461,992	100.00%
DEVELOPER REVENUE	168,319	-	168,319	100.00%	493,572	-	493,572	100.00%
DEVELOPER EXPENSES	165,753	12,750	153,003	1200.02%	447,330	38,250	409,080	1069.49%

Ord Sewer 4th Quarter Fiscal Activity

MARINA COAST WATER DISTRICT
INCOME STATEMENT
APRIL 1, 2015 TO JUNE 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	484,815	483,315	1,500	0.31%	1,871,721	1,449,945	421,776	29.09%
INTEREST INCOME	20,280	8,205	12,075	147.17%	37,733	24,615	13,118	53.29%
OTHER REVENUE	1,650	3,669	(2,019)	(55.03%)	54,201	11,006	43,195	392.47%
TOTAL REVENUES	506,745	495,189	11,556	2.33%	1,963,655	1,485,566	478,089	32.18%
EXPENSES								
ADMINISTRATIVE	76,271	78,951	(2,680)	(3.39%)	311,140	236,854	74,286	31.36%
OPERATING & MAINTENANCE	156,841	118,951	37,890	31.85%	480,407	356,852	123,555	34.62%
LABORATORY	-	-	-	-	-	-	-	-
CONSERVATION	-	-	-	-	-	-	-	-
ENGINEERING	22,917	21,322	1,595	7.48%	76,537	63,966	12,571	19.65%
INTEREST EXPENSE	246,447	105,356	141,091	133.92%	422,151	316,067	106,084	33.56%
FRANCHISE FEE	4,854	3,250	1,604	49.35%	17,275	9,750	7,525	77.18%
TOTAL EXPENSES	507,330	327,830	179,500	54.75%	1,307,510	983,489	324,021	32.95%
NET GAIN (LOSS) FROM OPERATIONS	(585)	167,359	(167,944)	(100.35%)	656,145	502,077	154,068	30.69%
CAPACITY FEE/CAPITAL SURCHARGE	81,071	175,181	(94,109)	(53.72%)	292,758	525,542	(232,783)	(44.29%)
GRANT REVENUE	-	-	-	-	-	-	-	-
NON-OPERATING REVENUE	30,476	7,272	23,203	319.08%	45,279	21,816	23,463	107.55%
CAPITAL IMPROVEMENT PROJECT	29,425	-	29,425	100.00%	93,237	-	93,237	100.00%
DEVELOPER REVENUE	59,292	-	59,292	100.00%	186,046	-	186,046	100.00%
DEVELOPER EXPENSES	53,627	2,750	50,877	1850.09%	117,885	8,250	109,635	1328.91%