

Marina Coast Water District

**Quarterly Report
to the**

FORA

Water/Wastewater Oversight Committee

1st 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 first quarter, FY 2014/2015, July 1, 2014 – September 30, 2014.

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 estimated revenues
8. Customer Service feedback

Water Consumption Data

	<u>Acre-Feet</u>			
	1 st Qtr <u>13-14 / 14-15</u>	2 nd Qtr <u>12-13 / 13-14</u>	3 rd Qtr <u>12-13 / 13-14</u>	4 th Qtr <u>12-13 / 13-14</u>
Total Water Pumped:	811 / 785	525 / 571	601 / 433	678 / 756
Quantity of Water Metered ³ :	611 / 588	408 / 438	280 / 345	597 / 505
Estimated Un-Metered Water Use ¹ :	94 / 66	94 / 94	94 / 69	94 / 66
Estimated Line Loss ² :	106 / 131	23 / 39	227 / 19	(13) / 185
Sewage Flow at Flume (mgd):	0.84 / 0.79	0.91 / 0.90	0.84 / 0.89	0.87 / 0.82

[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>13/14</u>	3 rd Qtr <u>13/14</u>	4 th Qtr <u>13-14</u>
Total Non-Residential Meters*:	272	271	271	270
Metered Non-Residential:	100%	100%	100%	100%
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Total residential meters installed:	2927	2816	2816	2851
Residential units under a flat fee:	737	1101	764	737
Residential Metered as % of all residential:	80%	72%	79%	79%

- ▶ AMR meters now mandatory for all development projects.
- ▶ Un-metered Residential Units: Army – Stillwell 282, Fitch 180, Marshall 275

* 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

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 2013 e-ARDWP (electronic Annual Drinking Water Program Report) deemed approved/complete 4/30/2014 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
- Landscape incentive program participation at an all time high
- Addressed leaks and high usage at new East Garrison community
- Bathroom and public space placards distributed for commercial accounts
- Analyzed new water consumption at University Village Apartments

In-School Water Conservation Education

- New 2014-15 school-year program approved
- Planning for expansion into 4th & 5th grades with conservation booklets
- All five elementary schools in the MCWD service area - Crumpton, Marina Vista, Olson, Marshall, Marshall West
- Three unique lesson plans for Fall, Winter, and Spring semesters
- Ten ZUNZUN musical school assemblies. Two assemblies at each school.

2014 Statewide Drought

- Started monthly state water monitoring reports
- Started tracking monthly Gallons Per Capita Day (GPCD) water use
- Prepared for aggressive changes to water use restrictions
- Increased production and distribution of posters/flyers at CSUMB housing

Capital Improvement Program Update

- ❖ Fiscal Year 2014/2015 Update
 - Water System
 - Wastewater System
 - Water Augmentation Project

Water System FY 2014/2015			
<i>MCWD CIP</i>	<i>Project Name</i>	<i>Capital Budget</i>	<i>Comments</i>
<i>OW-0201</i>	<i>Gigling Transmission from D Booster to JM Blvd.</i>	<i>\$1,800</i>	<i>Deferred</i>
<i>OW-0223</i>	<i>Well 30 Pump Replacement</i>	<i>\$210,000</i>	<i>In progress. Anticipated in 4th quarter.</i>
<i>WD-0115</i>	<i>SCADA System Improvements</i>	<i>\$35,000</i>	<i>Cost center share is 26% (\$9,100). In progress.</i>
<i>WD-0203</i>	<i>Ord Office Landscape Project</i>	<i>\$20,500</i>	<i>Cost center share is 52%(\$10,660). Deferred</i>
<i>WD-0202</i>	<i>IOP Building E (BLM)</i>	<i>\$2,262,400</i>	<i>Cost center share is 50%(\$1,131,200). Grading permit issued 22JAN15.</i>
<i>GW-0212</i>	<i>Potable Water Tank Compliance Project</i>	<i>\$58,000</i>	<i>Cost center share is 63% (\$36,540). Summer 2015.</i>
<i>GW-0112</i>	<i>A1&A2 Zone Tanks & B/C Booster Station</i>	<i>\$278,514</i>	<i>Cost center share is 63% (\$175,464). Easement acquisition in progress.</i>

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>Summer 2015</i>
<i>OS-0205</i>	<i>Imjim LS & Force Main Improvements - Phase 1</i>	<i>\$28,000</i>	<i>Deferred</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>Cost center share is 14% (\$2,255). Deferred</i>
<i>WD-0202</i>	<i>IOP Building E (BLM)</i>	<i>\$2,262,400</i>	<i>Cost center share is 11%(\$316,736). Grading permit issued 22JAN15.</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>

Quarterly Estimated Revenues

Based on the water and wastewater rates in place as of July 1, 2014 budgeted and actual revenues are as follows:

	1 st Qtr <u>14-15</u>	2 nd Qtr <u>13-14</u>	3 rd Qtr <u>13-14</u>	4 th Qtr <u>13-14</u>
Water Deliveries (both metered and flat rate)				
Budgeted	\$1,301,560	\$1,049,750	\$1,049,750	\$1,049,750
Actual	\$1,230,631	\$1,044,273	\$872,383	\$1,021,842
Wastewater Collection				
Budgeted	\$483,315	\$423,390	\$423,390	\$423,390
Actual	\$437,621	\$426,918	\$415,621	\$422,869

*These numbers include all FORA approved charges.

Ord Community Customer Service Feedback

	<u>2014/2015</u>	<u>2014/2015</u>
Appeals/Complaints	6	6
Backflow Service	0	0
Broken Line	1	1
Broken Meter	0	0
Connect/Disconnect	146	146
Colored Water	0	0
Excess Water Usage	33	33
Water with Odor	0	0
Customer Leak	27	27
Install/Change Out Meter	129	129
Misc Service	19	19
Water Pressure	0	0
Water Quality	0	0
Re-Read Meter	220	220
Relocate Meter	0	0
Repair Meter	0	0
Repair/Replace Meter Box	0	0
Sewer Service	0	0
No Water/Shut-Off	13	13