



## Fort Ord Reuse Authority

920 2<sup>nd</sup> Avenue, Suite A, Marina, CA 93933  
Phone: (831) 883-3672 • Fax: (831) 883-3675 • [www.fora.org](http://www.fora.org)

### JOINT ADMINISTRATIVE AND WATER/WASTEWATER OVERSIGHT COMMITTEE MEETING

**9:30 A.M. WEDNESDAY, MAY 30, 2012**  
910 2<sup>nd</sup> Avenue, Marina CA 93933 (on the former Fort Ord)

### AGENDA

1. **CALL TO ORDER AT 9:30 AM (or following the Administrative Committee meeting)**
2. **PUBLIC COMMENT PERIOD:** Members of the audience wishing to address the Fort Ord Reuse Authority (FORA) Joint Administrative and Water/Wastewater Oversight Committee on matters within the jurisdiction of FORA, but not on this agenda, may do so during the Public Comment Period. Public comments are limited to a maximum of three minutes. Public comments on specific agenda items will be heard at the time the matter is under Committee consideration.
3. **ACKNOWLEDGEMENTS, ANNOUNCEMENTS AND CORRESPONDENCE**
4. **APPROVAL OF MEETING MINUTES:** May 16, 2012
5. **OLD BUSINESS**
  - a. Draft FY 2012/13 Ord Community Water and Wastewater Budgets and Rates – Approval ACTION
6. **NEW BUSINESS** – none
7. **ADJOURNMENT**



# Fort Ord Reuse Authority

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## JOINT ADMINISTRATIVE AND WATER/WASTEWATER OVERSIGHT COMMITTEE MEETING

**9:15 AM WEDNESDAY, MAY 16, 2012**

910 2<sup>nd</sup> Avenue, Marina CA 93933 (Carpenter's Union Hall)

### MINUTES

#### 1. CALL TO ORDER AT 9:15 AM

Confirming a quorum, Administrative Committee co-chair Daniel Dawson called the meeting to order at 10:15 AM. The following people, indicated by signatures on the roll sheet, attended:

##### Committee Members

Vicki Nakamura, MPC

Mike Lerch, CSUMB

Doug Yount, City of Marina

Elizabeth Caraker, City of Monterey

Paul Greenway, Monterey Co.

Rick Riedl, City of Seaside

Daniel Dawson City of DRO

Graham Bice, UCMBEST

Debby Platt, City of Marina

Bob Schaffer, MCP

Kelly Cadiente, MCWD

Steve Endsley, FORA

Jim Arnold, FORA

Crissy Maras, FORA

Robert Norris, FORA

Pat Ward, Bestor Engineers

Kathleen Lee, Sup. Potter

Mike McCullough, Silverado Homes

Carl Niizawa, MCWD

Chuck Lande, Marina Heights

Patrick Breen, MCWD

Jerry Bowden, FORA

#### 2. PUBLIC COMMENT PERIOD: None

#### 3. ACKNOWLEDGEMENTS, ANNOUNCEMENTS AND CORRESPONDENCE: None

#### 4. APPROVAL OF MEETING MINUTES: May 2, 2012

On a motion made by Rick Reidl and seconded by Graham Bice, the May 2, 2012 meeting minutes were approved as presented.

#### 5. OLD BUSINESS

##### a. Draft FY 2012/13 Ord Community Water and Wastewater Budgets and Rates-Draft MCWD Board Presentation

Carl Niizawa reviewed a newly formatted capital improvement summary sheet and noted the capital projects scheduled in FY 12/13. He specified that project GW-0211, the tie-in between the MCWD system and the regional desalination project system, may not occur if the regional project does not move forward.

MCWD Director of Administrative Services Kelly Cadiente reviewed the draft presentation MCWD anticipated providing to the FORA Board on June 8<sup>th</sup>. She noted that the Proposition 218 process that was undertaken last year allowed for a two year rate increase, therefore no Prop 218 process would be required for a rate increase to take place this year. Committee members provided a few suggestions to Ms. Cadiente and were generally in approval of the presentation and format of the information provided.

A FORA presentation focusing more on the MCWD/FORA relationship and the water and wastewater facilities agreement between the two will be provided at the next meeting scheduled for May 30<sup>th</sup>, in anticipation of providing the information to the Board on June 8<sup>th</sup>.

## **6. NEW BUSINESS**

### **a. Water/Wastewater Facilities Agreement**

FORA Assistant Executive Officer Steve Endsley noted the possibility that once MCWD annexes the Ord Community into their service area, annual approval of the budgets and rates by the FORA Board may no longer be required. The Facilities Agreement does state that MCWD shall construct facilities for water augmentation as required under the Fort Ord Base Reuse plan for reuse and redevelopment of the former Fort Ord. This will occur independently of the rate setting process.

## **7. ADJOURNMENT**

The meeting was adjourned at 10:55 AM.

Minutes prepared by Crissy Maras, Grants and Contracts Coordinator

DRAFT

# **Ord Community Water/Wastewater Systems**

## **Draft Compensation Plan**

**For FY 2012-2013**

**Presented to**

**Fort Ord Reuse Authority**

**Water Wastewater Oversight Committee**

**May 16, 2012**

**by**

**Marina Coast Water District**





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## Draft FY 2012-2013 Ord Community Service Area Budget Summary

Introduction. The purpose of this summary is to provide an overview of the FY 2012-2013 Budget document and the key assumptions used in developing this Budget document.

In, accordance with Article 7 of the Water Wastewater Facilities Agreement between Marina Coast Water District (MCWD) and Fort Ord Reuse Authority (FORA), the District maintains separate cost centers to ensure that revenues and expenses are appropriately segregated and maintained for the Marina systems, the Ord Community systems, and the accruing costs for the Regional Water Augmentation Project. On October 25, 2006, the MCWD Board adopted Ordinance No. 43 which also requires the cost centers to remain separated after the expiration of the Agreement between MCWD and FORA.

District costs that are not dedicated to a specific cost center are shared among the four primary cost centers – Marina Water, Marina Wastewater Collection, Ord Community Water and Ord Community Wastewater Collection. Sharing of these expenses, in turn, creates efficiencies and cost savings for administrative functions for the two service areas that would otherwise not be realized. The District uses the operating expenses ratio to allocate the shared expenses. The allocation rate for the proposed fiscal year has changed based on previous year (FY 2010-2011) audited expenditure figures.

The FORA Board adopts the Ord Community budgets by resolution before MCWD Board adopts the entire budget, also by resolution.

A five-year financial plan and rate study was completed in 2008, however recommendations from the rate study are not fully incorporated in this budget document. The MCWD Board of Directors instead directed staff to prepare the budget based on a 5.0% rate increase instead of the 7.8% recommended in the rate study.

### Cost Centers:

- Ord Community Water
- Ord Community Wastewater Collection (Sewer)

### Assumptions:

- Revenues (proposed rate increase of 5.0%):
  - Ord Community Water \$5.627 million
  - Ord Community Wastewater Collection \$1.859 million
- Expenses:
  - Ord Community Water \$3.844 million
  - Ord Community Wastewater Collection \$0.764 million

- Debt Service on loans (principal/interest):
  - Ord Community Water \$1.714 million
  - Ord Community Wastewater Collection \$0.668 million
  
- Capital Replacement Reserve Fund:
  - Ord Community Water \$0.200 million
  - Ord Community Sewer \$0.100 million

Ord Community Water Rates (monthly):

	FY 2011-2012	FY 2012-2013
Meter Service Charge	\$17.11	\$17.97
First Tier (0-8 hcf)	2.33	2.45
Second Tier (8-16 hcf)	3.27	3.43
Third Tier (16+ hcf)	4.22	4.43
Average Monthly bill (13 units)	\$52.10	\$54.72
Flat Rate Billing	84.34	88.56

Ord Community Wastewater Collection Rates (monthly):

	FY 2011-2012	FY 2012-2013
Monthly Flat Fee Bill	\$25.56	\$26.84

Capacity Charge:

- Ord Community Water Capacity Charge \$5,750\* per equivalent dwelling unit
  - Ord Community Wastewater Collection Capacity Charge \$2,150 per equivalent dwelling unit
- \* Ord Community water capacity charge includes future contributions from FORA towards RUWAP Project

Monthly Capital Surcharge\*:

- Ord Community Water Monthly Capital Surcharge for NEW Customers (\$20.00 per EDU)
  - Ord Community Wastewater Monthly Capital Surcharge for NEW Customers (\$5.00 per EDU)
- \* Monthly Capital Surcharge applies to all new customers effective July 2005.

Annual Capital Improvement Programs:

- Ord Community Water \$0.637 million
- Ord Community Wastewater Collection \$0.659 million

District Staffing:

- Support for a staff of 36 positions:
  - Administration – 11
  - Operations & Maintenance – 17
  - Laboratory – 1
  - Conservation – 1
  - Engineering – 6

**ORD COMMUNITY  
WATER & WASTEWATER SYSTEM  
RATES, FEES and CHARGES  
FY 2012 - 2013  
Effective July 1, 2012**

**Water Consumption Charge**

0 - 8 hcf	First Tier	2.45	per hcf
8 - 16 hcf	Second Tier	3.43	per hcf
16+ hcf	Third Tier	4.43	per hcf
	Monthly Capital Surcharge (New EDU)	20.00	per EDU
	Flat Rate	88.56	per unit

**Monthly Minimum Water Charges**

<u>Size</u>	<u>Fee</u>
5/8" or 3/4"	17.97 per month
1"	44.90 per month
1 1/2"	89.76 per month
2"	143.62 per month
3"	269.29 per month
4"	448.82 per month
6"	897.63 per month
8"	1,795.28 per month

**Monthly Minimum Sewer Charges**

Monthly Wastewater Charge	26.84	per EDU
Monthly Capital Surcharge (New EDU)	5.00	per EDU

**Temporary Water Service**

Meter Deposit Fee	\$650.00
Hydrant Meter Fee (Set/Remove Fee)	\$140.00 one time fee
Hydrant Meter Fee (Relocate Fee)	\$140.00 per occurrence
Minimum Monthly Service Charge	86.35 per month
Estimated Water Consumption Deposit	\$1,100.00 minimum

**Repair, Replacement and Maintenance of Private Fire Hydrants (Monthly Charge)**

Single/Double Outlet, All Sizes	\$13.50 per month
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**Capacity Charges (Effective Date: July 1, 2012)**

Water	\$5,750.00 per edu
Sewer	\$2,150.00 per edu

**MARINA & ORD COMMUNITY  
WATER & WASTEWATER SYSTEM  
RATES, FEES and CHARGES  
FY 2012 - 2013  
Effective July 1, 2012**

**Labor Charges**

General Manager	\$189.86 per hour
Deputy General Manager/District Engineer	\$124.67 per hour
District Counsel	\$124.53 per hour
Director of Administrative Services	\$91.77 per hour
Capital Projects Manager	\$78.48 per hour
Projects Manager	\$84.80 per hour
Associate Engineer	\$76.03 per hour
Assistant Engineer	\$55.86 per hour
Engineering Administrative Assistant	\$50.38 per hour
Lab Supervisor	\$73.92 per hour
O&M Superintendent	\$90.99 per hour
O&M Supervisor	\$86.23 per hour
Operations & Maintenance System Operator 3	\$72.01 per hour
Operations & Maintenance System Operator 2	\$66.15 per hour
Operations & Maintenance System Operator 1	\$59.86 per hour
Conservation Specialist	\$53.48 per hour

**Equipment Charges**

Work Truck	\$20.00 per hour
Backhoe Tractor	\$30.00 per hour
Vactor Truck	\$30.00 per hour
Dump Truck	\$30.00 per hour
Ground Penetrating Radar Uit	\$10.00 per hour

**Miscellaneous Charges**

Photocopy Charges	\$0.10 per copy
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**Water Meter Installation Fee**

(includes box and meter)

<u>Size</u>	<u>Fee</u>
5/8" or 3/4"	\$350.00
1"	\$400.00
1 1/2"	\$450.00
2"	\$700.00
3" or Larger	

Actual direct and indirect cost to district.

Advance payment to be based on estimated cost.

**Other Fees and Charges**

Preliminary Project Review Fee (large projects)	\$500.00
Plan Review Fees:	
Existing Residential Modifications	\$200.00 per unit plus additional fees
Existing Commercial Modifications	\$400.00 per unit plus additional fees
Plan Review	\$500.00 per unit plus additional fees
Water/Sewer Permit Fee	\$30.00 each
Small Project Inspection Fee (single lot)	\$400.00 per unit
Large Project Inspection Fee (large projects)	\$500.00 per unit plus 3% of water & sewer construction cost
Building Modification/Addition Fee	\$200.00 per unit
Deposit for a Meter Relocation	\$200.00 deposit, plus actual costs
Mark and Locate Fee (USA Markings)	\$100.00 first mark and locate at no-charge, each additional for \$100
Backflow/Cross Connection Control Fee	\$45.00 per device
Additional Backflow/Cross Connection Device	\$30.00 per device
Deposit for New Account	\$35.00 per edu
Meter Test Fee	\$15.00 for 3/4" meter, actual cost for 1" and larger
Returned Check Fee	\$15.00 per returned item

# **Ord Community Water System**

MARINA COAST WATER DISTRICT  
ORD COMMUNITY WATER SYSTEM OPERATIONS  
PROPOSED BUDGET

EXHIBIT W-1

	Actual Ord Community Water Expenses FY 2009-2010	Actual Ord Community Water Expenses FY 2010-2011	Adopted Budget Ord Community Water Expenses FY 2011-2012	Estimated Ord Community Water Expenses FY 2011-2012	Proposed Budget Ord Community Water Expenses FY 2012-2013	BUD vs BUD % CHANGE	BUD vs EST % CHANGE
<b>Administration/Management</b>							
Personnel	\$643,839	\$621,526	\$570,330	\$619,026	\$703,830	23.4%	13.7%
Expenses	\$395,786	\$533,849	\$696,660	\$654,675	\$696,100	-0.1%	6.3%
Insurance	\$48,775	\$54,712	\$67,500	\$66,985	\$62,000	-8.1%	-7.4%
Legal	\$68,770	\$70,818	\$62,100	\$68,531	\$15,000	-75.8%	-78.1%
Interest Expense	\$784,479	\$1,214,441	\$1,158,750	\$1,155,391	\$1,072,122	-7.5%	-7.2%
subtotal	\$1,941,649	\$2,495,346	\$2,555,340	\$2,564,608	\$2,549,052	-0.2%	-0.6%
<b>Operations &amp; Maintenance</b>							
Personnel	\$676,431	\$665,258	\$1,115,890	\$806,010	\$806,363	-27.7%	0.0%
Maintenance Expenses	\$267,449	\$222,368	\$223,990	\$182,984	\$226,900	1.3%	24.0%
Power Costs	\$360,444	\$431,469	\$490,250	\$434,982	\$539,450	10.0%	24.0%
Annual Maintenance	\$2,833	\$61,067	\$50,000	\$30,000	\$50,000	0.0%	66.7%
subtotal	\$1,307,157	\$1,380,162	\$1,880,130	\$1,453,976	\$1,622,713	-13.7%	11.6%
<b>Laboratory</b>							
Personnel	\$164,473	\$134,898	\$157,530	\$84,209	\$109,171	-30.7%	29.6%
Equipment/Expenses	\$23,420	\$29,522	\$44,010	\$44,010	\$49,961	13.5%	13.5%
Lab Contract Services	\$8,229	\$17,633	\$36,000	\$36,000	\$37,800	5.0%	5.0%
subtotal	\$196,122	\$182,053	\$237,540	\$164,219	\$196,932	-17.1%	19.9%
<b>Conservation</b>							
Personnel	\$129,780	\$131,848	\$144,550	\$102,208	\$92,583	-36.0%	-9.4%
Expenses	\$38,042	\$39,200	\$64,205	\$60,806	\$48,460	-24.5%	-20.3%
subtotal	\$167,822	\$171,048	\$208,755	\$163,014	\$141,043	-32.4%	-13.5%
<b>Engineering</b>							
Personnel	\$152,064	\$169,798	\$264,830	\$332,936	\$341,245	28.9%	2.5%
Expenses	\$74,406	\$33,438	\$4,180	\$3,386	\$1,250	-70.1%	-63.1%
Outside Consultants	\$40,620	\$13,746	\$21,000	\$51,882	\$63,750	203.6%	22.9%
subtotal	\$267,090	\$216,982	\$290,010	\$388,204	\$406,245	40.1%	4.6%
<b>Total Operating Expenses</b>	<b>\$3,879,840</b>	<b>\$4,445,591</b>	<b>\$5,171,775</b>	<b>\$4,734,021</b>	<b>\$4,915,985</b>	<b>-4.9%</b>	<b>3.8%</b>

**MARINA COAST WATER DISTRICT  
ORD COMMUNITY WATER SYSTEMS  
CAPITAL IMPROVEMENT PROJECT BUDGET FOR FY 2012-2013**

**EXHIBIT W-2**

<b>Project No.</b>	<b>Project Name</b>	<b>Amount</b>
WD-0203	MCWD Fort Ord Office Landscape Project	\$10,250
WD-0115	SCADA System Improvements - Phase I	\$204,000
GW-0211	Regional Desalination (RD) Integration with Potable System	\$26,460
OW-0119	Demolish D-Zone Reservoir	\$167,000
OW-0222	Eastern Distribution System - Phase II	<u>\$230,000</u>
	<b>TOTALS</b>	<b><u>\$637,710</u></b>

Capital Improvement Project Sheet

<b>Project:</b>	<b>MCWD Fort Ord Office Landscape Project</b>
<b>Project No:</b>	<b>WD-0203</b>
<b>Cost Center:</b>	<b>Marina Water; Marina Sewer; Ft Ord Water; Ft Ord Sewer</b>

**Project Description**  
 This project is for completing the installation of landscaping at MCWDs' Fort Ord Office located at 2840 4th Avenue in Marina, CA. the project scope includes installing a "water-wise" irrigation system and the planting of native plant species and other low water use plants.

**Project Justification**  
 A landscape installed as a demonstration "garden", which will be open to the general public, will enhance the public's understanding of the District's landscape and conservation ordinances.

<b>PROJECT COSTS:</b>	<b>Prior Years</b>	<b>FY 12/13</b>	<b>FY 13/14</b>	<b>FY 14/15</b>	<b>FY 15/16</b>	<b>FY 16/17</b>	<b>OUT YEARS</b>	<b>Total</b>
<b>Cost Category / Phasing</b>								
<b>Planning</b>								
External Services								0
Internal Services								0
<b>Design</b>								
External Services								0
Internal Services								0
<b>Construction</b>								
External Services		11,500						11,500
Internal Services		9,000						9,000
<b>Property / Easement Acquisitions</b>								0
<b>Other Project Costs</b>								0
<b>Estimated Cost By Fiscal Year</b>	<b>0</b>	<b>20,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,500</b>

<b>Project Funding / Cost Centers</b>	<b>G L Code</b>	<b>% Cost Splits</b>	<b>Prior Years</b>	<b>FY 12/13</b>	<b>FY 13/14</b>	<b>FY 14/15</b>	<b>FY 15/16</b>	<b>FY 16/17</b>	<b>OUT YEARS</b>	<b>Total</b>
01 - Marina Water	01-00-160-402	30%	0	6,150	0	0	0	0	0	6,150
02 - Marina Sewer	02-00-160-402	9%	0	1,845	0	0	0	0	0	1,845
03 - Ft Ord Water	03-00-160-402	50%	0	10,250	0	0	0	0	0	10,250
04 - Ft Ord Sewer	04-00-160-402	11%	0	2,255	0	0	0	0	0	2,255
										0
<b>Funding By Fiscal Year</b>			<b>0</b>	<b>20,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,500</b>

Capital Improvement Project Sheet

<b>Project:</b>	<b>SCADA System Improvements - Phase I</b>
<b>Project No:</b>	<b>WD-0115</b>
<b>Cost Center:</b>	<b>Marina Water; Marina Sewer; Ft Ord Water; Ft Ord Sewer</b>

**Project Description**  
 This project is for improving the Supervisory, Control, and Data Acquisition (SCADA) facilities. MCWD has more than 40 (current) remote water and sewer infrastructure sites that need SCADA improvement. The current phase of the project will result in functional and expandable SCADA "hubs" that will transmit signals to MCWD's O&M control room while the future phases will up-grade the remote sites.

**Project Justification**  
 This project is needed to increase the reliability of the SCADA facilities. A well-functioning SCADA system is fundamental to efficient operation of water and wastewater systems and reliable SCADA facilities reduce risk because problems with remote infrastructure can be identified, communicated and/or prevented prior to failure.

<b>PROJECT COSTS:</b>	<b>Prior Years</b>	<b>FY 12/13</b>	<b>FY 13/14</b>	<b>FY 14/15</b>	<b>FY 15/16</b>	<b>FY 16/17</b>	<b>OUT YEARS</b>	<b>Total</b>
<b>Cost Category / Phasing</b>								
<b>Planning</b>								
External Services								0
Internal Services								0
<b>Design</b>								
External Services								0
Internal Services								0
<b>Construction</b>								
External Services	554,890	400,000	125,000	125,000	125,000	125,000		1,454,890
Internal Services		8,000	10,000	10,000	10,000	10,000		48,000
<b>Property / Easement Acquisitions</b>								0
<b>Other Project Costs</b>								0
<b>Estimated Cost By Fiscal Year</b>	<b>554,890</b>	<b>408,000</b>	<b>135,000</b>	<b>135,000</b>	<b>135,000</b>	<b>135,000</b>	<b>0</b>	<b>1,502,890</b>

<b>Project Funding / Cost Centers</b>	<b>G L Code</b>	<b>% Cost Splits</b>	<b>Prior Years</b>	<b>FY 12/13</b>	<b>FY 13/14</b>	<b>FY 14/15</b>	<b>FY 15/16</b>	<b>FY 16/17</b>	<b>OUT YEARS</b>	<b>Total</b>
01 - Marina Water	01-00-160-402	30%	166,467	122,400	40,500	40,500	40,500	40,500	0	450,867
02 - Marina Sewer	02-00-160-402	9%	49,940	36,720	12,150	12,150	12,150	12,150	0	135,260
03 - Ft Ord Water	03-00-160-402	50%	277,445	204,000	67,500	67,500	67,500	67,500	0	751,445
04 - Ft Ord Sewer	04-00-160-402	11%	61,038	44,880	14,850	14,850	14,850	14,850	0	165,318
										0
<b>Funding By Fiscal Year</b>			<b>554,890</b>	<b>408,000</b>	<b>135,000</b>	<b>135,000</b>	<b>135,000</b>	<b>135,000</b>	<b>0</b>	<b>1,502,890</b>

Capital Improvement Project Sheet

<b>Project:</b>	Regional Desal (RD) Integration w/ Potable System
<b>Project No:</b>	GW-0211
<b>Cost Center:</b>	Ord Community Water; Marina Water

**Project Description**  
 This project is for providing infrastructure needed to integrate a desalinated potable water source into MCWD's existing potable system. The project scope includes water quality and hydraulic modeling, analysis, design, and construction efforts.

**Project Justification**  
 Determining and implementing the infrastructure needed to accommodate a desalinated source of potable water within the current water distribution system in a necessity in the event such a source of water becomes available.

PROJECT COSTS:	Prior Years	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	OUT YEARS	Total
<b>Cost Category / Phasing</b>								
<b>Planning</b>								
External Services		20,000	625,590					645,590
Internal Services		22,000	72,000					94,000
<b>Design</b>								
External Services				645,590	100,000			745,590
Internal Services				65,000				65,000
<b>Construction</b>								
External Services				3,432,435	3,432,435			6,864,870
Internal Services				65,000	130,000			195,000
<b>Property / Easement Acquisitions</b>								0
<b>Other Project Costs</b>								0
<b>Estimated Cost By Fiscal Year</b>	<b>0</b>	<b>42,000</b>	<b>697,590</b>	<b>4,208,025</b>	<b>3,662,435</b>	<b>0</b>	<b>0</b>	<b>8,610,050</b>

Project Funding / Cost Centers	G L Code	% Cost Splits	Prior Years	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	OUT YEARS	Total
01 - Marina Water -		37%	0	15,540	258,108	1,556,969	1,355,101	0	0	3,185,719
03 - Ft Ord Water		63%	0	26,460	439,482	2,651,056	2,307,334	0	0	5,424,332
										0
										0
<b>Funding By Fiscal Year</b>			<b>0</b>	<b>42,000</b>	<b>697,590</b>	<b>4,208,025</b>	<b>3,662,435</b>	<b>0</b>	<b>0</b>	<b>8,610,050</b>

Capital Improvement Project Sheet

<b>Project:</b>	Demolish D-zone Reservoir
<b>Project Number:</b>	OW-0119
<b>Cost Center:</b>	Ord Community Water

**Project Description**  
 This project is for demolishing the out of service D-zone reservoir tank. The concrete tank to be removed is located at the remote D/E Reservoir Site northeast of Fitch Park.

**Project Justification**  
 This project is a remaining task from the original "Replace D/E Reservoir" Project (for constructing the currently utilized D-zone reservoir and the E-zone Booster Pump Station). The demolition needs to occur in order to allow a Recycled Water Reservoir and an additional D-zone reservoir tank to be constructed. Completing this project soon will avoid delays in constructing the Recycled Water Infrastructure.

PROJECT COSTS:	Prior Years	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	OUT YEARS	Total
<b>Cost Category / Phasing</b>								
<b>Planning</b>								
External Services								0
Internal Services								0
<b>Design</b>								
External Services								0
Internal Services								0
<b>Construction</b>								
External Services		150,000						150,000
Internal Services		17,000						17,000
<b>Property Easement / Acquisitions</b>								0
<b>Other Project Costs</b>								0
<b>Estimated Cost By Fiscal Year</b>	0	167,000	0	0	0	0	0	167,000

Project Funding / Cost Centers	G L CODE	% Cost Splits	Prior Years	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	OUT YEARS	Total
03 - Fort Ord Water	03-00-160-330	100%	0	167,000	0	0	0	0	0	167,000
				0	0	0	0	0	0	0
<b>Funding By Fiscal Year</b>			0	167,000	0	0	0	0	0	167,000

Capital Improvement Project Sheet

<b>Project:</b>	Eastern Distribution System - Phase II
<b>Project Number:</b>	OW-0222
<b>Cost Center:</b>	Ord Community Water

**Project Description**  
 This project is for adding additional municipal water supply well(s) at the eastern edge of MCWD's service area. The scope of this project includes investigating the feasibility of adding potable water supply wells, designing the wells, and designing the connection of the wells to MCWD's potable water distribution system.

**Project Justification**  
 This project is intended to increase MCWD's reliable water supply. The Eastern Distribution System projects were identified in the 2006 MCWD Water Master Plan prepared by Carollo Engineers.

PROJECT COSTS:	Prior Years	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	OUT YEARS	Total
<b>Cost Category / Phasing</b>								
<b>Planning</b>								
External Services	15,000	205,000						220,000
Internal Services	5,000	25,000						30,000
<b>Design</b>								
External Services								0
Internal Services								0
<b>Construction</b>								
External Services								0
Internal Services								0
<b>Property Easement / Acquisitions</b>								0
<b>Other Project Costs</b>								0
<b>Estimated Cost By Fiscal Year</b>	<b>20,000</b>	<b>230,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>

Project Funding / Cost Centers	G L CODE	% Cost Splits	Prior Years	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	OUT YEARS	Total
04 - Fort Ord Sewer		100%	20,000	230,000	0	0	0	0	0	250,000
										0
										0
										0
<b>Funding By Fiscal Year</b>			<b>20,000</b>	<b>230,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>

**MARINA COAST WATER DISTRICT  
ORD COMMUNITY WATER SYSTEM OPERATIONS  
REVENUE PROJECTIONS**

**EXHIBIT W-3**

	Actual FY 2009-2010	Actual FY 2010-2011	Adopted FY 2011-2012	Estimated FY 2011-2012	Proposed FY 2012-2013	BUD vs BUD %	BUD vs EST %
<b>Number of water services</b>							
# Flat Rate Customers	1,200	1,200	1,200	1,100	1,100		
# Metered Customers	2,988	2,808	2,808	2,908	2,908		
<b>Total Customers</b>	<b>4,188</b>	<b>4,008</b>	<b>4,008</b>	<b>4,008</b>	<b>4,008</b>		
<b>Annual Water Usage (in AF)</b>							
Metered use	1,310	1,650	1,790	1,820	1,800		
Unmetered use / Losses	1,350	800	800	770	770		
<b>Total Water Usage</b>	<b>2,660</b>	<b>2,450</b>	<b>2,590</b>	<b>2,590</b>	<b>2,570</b>		
<b>Monthly Service Charges</b>							
Flat Rate Billing	\$74.58	\$80.40	\$84.34	\$84.34	\$88.56		
Metered Service Charge - 3/4" Meter	\$15.13	\$16.31	\$17.11	\$17.11	\$17.97		
<b>Monthly Quantity Rates</b>							
Tier 1 (0-8 hcf)	\$2.06	\$2.22	\$2.30	\$2.30	\$2.45		
Tier 2 (8 - 16 hcf)	\$2.89	\$3.12	\$3.27	\$3.27	\$3.43		
Tier 3 (16+ hcf)	\$3.73	\$4.02	\$4.22	\$4.22	\$4.43		
Monthly Capital Surcharge (per EDU)	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00		
<b>Annual Revenue Calculations</b>							
Flat Rate Accounts	1,263,332	1,196,319	1,253,000	1,121,472	1,177,545	-6.0%	5.0%
Metered Accounts	2,714,635	3,059,444	3,196,000	3,078,378	3,232,297	1.1%	5.0%
Other Water Sales	0	928,836	893,000	914,752	915,000	2.5%	0.0%
Other Fees & Charges	472,054	423,922	62,500	96,613	59,500	-4.8%	-38.4%
<b>A Total Operating Revenue</b>	<b>\$4,450,021</b>	<b>\$5,608,521</b>	<b>\$5,404,500</b>	<b>\$5,211,215</b>	<b>\$5,384,342</b>	<b>-0.4%</b>	<b>3.3%</b>
B Capacity Fee (\$5,750 per EDU)	699,198	351,099	50,000	49,434	50,000	0.0%	1.1%
C Capital Surcharge Revenue	47,787	78,815	80,000	81,782	80,000	0.0%	-2.2%
D Bond Revenue	19,882	22,567	19,880	22,565	22,580	13.6%	0.1%
E Grant Revenue	33,243	783,326	800,000	850,920	0	-100.0%	-100.0%
F Non-operating Revenue (Including Interest Income)	289,844	117,212	90,500	105,448	90,540	0.0%	-14.1%
<b>TOTAL REVENUE (A through F)</b>	<b>\$5,539,975</b>	<b>\$6,961,540</b>	<b>\$6,444,880</b>	<b>\$6,321,364</b>	<b>\$5,627,462</b>	<b>-12.7%</b>	<b>-11.0%</b>
G Operating Expenditures	3,715,598	4,136,536	4,829,775	4,388,839	4,569,985	-5.4%	4.1%
H CIP Projects	0	3,804,699	4,835,929	1,100,000	637,710	-86.8%	-42.0%
I General Capital Outlay	133,882	75,993	95,600	90,200	159,940	67.3%	77.3%
J Debt Service	270,000	682,500	612,500	612,500	656,931	7.3%	7.3%
K Capital Replacement Reserve Fund	200,000	200,000	200,000	200,000	200,000	0.0%	0.0%
L <u>Payments to Land Use Jurisdictions/FORA</u>							
Reimb. to Land Use Agencies (5% of OR)	28,772	49,803	30,000	33,039	34,000	13.3%	2.9%
FORA Admin/Liaison Fees	25,000	25,000	25,000	25,000	25,000	0.0%	0.0%
Reimbursements to FORA (5% of OR)	73,470	197,252	250,000	250,143	250,000	0.0%	-0.1%
Mmbrshp on FORA Bd. of Directors (1% of OR)	37,000	37,000	37,000	37,000	37,000	0.0%	0.0%
<b>TOTAL EXPENDITURES (G through L)</b>	<b>\$4,483,722</b>	<b>\$9,208,783</b>	<b>\$10,915,804</b>	<b>\$6,736,721</b>	<b>\$6,570,566</b>	<b>-39.8%</b>	<b>-2.5%</b>
<b>TRANSFER FROM/(TO) RESERVES</b>	<b>(\$1,056,253)</b>	<b>\$2,247,243</b>	<b>\$4,470,924</b>	<b>\$415,357</b>	<b>\$943,104</b>		
<b>NET REVENUE</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		

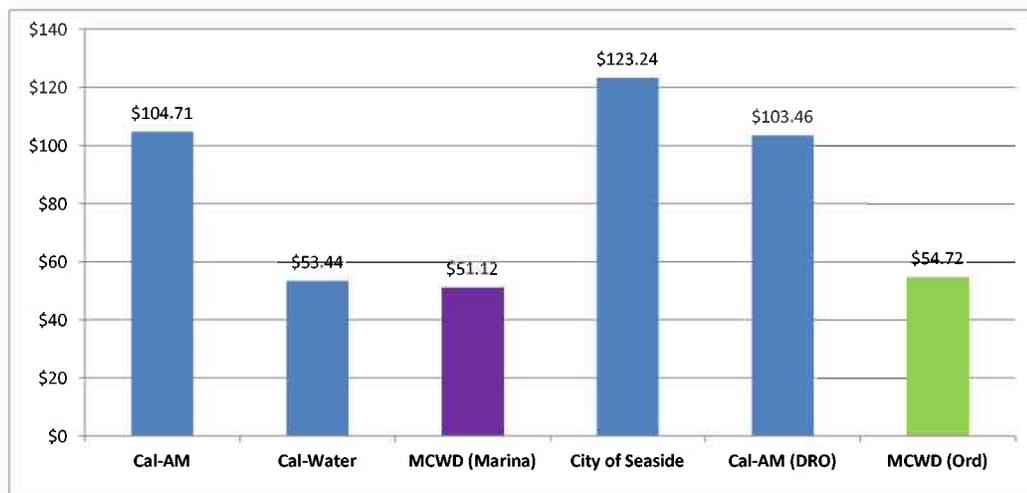
MONTHLY WATER RATES FOR REGION SURROUNDING THE ORD COMMUNITY

Revised March 12, 2012

TYPE OF FEE	CAL-AM <sup>1</sup>	California Water Service Company <sup>c</sup>	Proposed MCWD City of Marina <sup>3</sup>	Seaside Mun. Water <sup>2</sup>	City of Del Rey Oaks (Cal-Am) <sup>1</sup>	Proposed MCWD Ord Community <sup>3</sup>	Median Rates
Quantity Rate per 100 cu.ft.							
1st tier	\$0.2798	\$1.9067	\$2.29	\$3.59	\$0.2798	\$2.45	\$2.10
2nd tier	\$0.4068	\$2.0070	\$2.79	\$7.77	\$0.4068	\$3.43	\$2.40
3rd tier	\$0.8136	\$2.2479	\$5.09	\$12.59	\$0.8136	\$4.43	\$3.34
4th tier	\$1.6272			\$17.96	\$1.6272		\$1.63
5th tier	\$2.8475			\$24.64	\$2.8475		\$2.85
6th tier				\$32.15			
Breakpoint for 1st tier	40	600	800	400	40	800	500
Breakpoint for 2nd tier	80	1,100	1,600	1,000	80	1,600	1,050
Breakpoint for 3rd tier	120	1700+	1600+	2,000	120	1600+	1,600
Breakpoint for 4th tier	160			3,000	160		
Breakpoint for 5th tier	200			4,000	200		
				4,000 +			
Meter Service Charge per month							
3/4-inch	\$13.29	\$24.49	\$18.85	\$24.49	\$13.29	\$17.97	\$18.41
Service Charge (hcf)		0.200					\$0.20
Service Charge (monthly)	3.8100	1.547			2.5600		\$2.56
Surcharges (%)	7.6280				7.6280		\$7.63
Surcharges	3.71	-1.163			3.71		\$3.71
<b>For illustrative purposes only, monthly rates based on 13 hcf/month, or 0.358 acre feet/year</b>	<b>\$104.71</b>	<b>\$53.44</b>	<b>\$51.12</b>	<b>\$123.24</b>	<b>\$103.46</b>	<b>\$54.72</b>	<b>\$66.46</b>

- 1. Rates effective as of July 1, 2011.
- 2. Proposed rates effective as of July 1, 2012.

MONTHLY WATER RATES FOR REGION SURROUNDING THE ORD COMMUNITY - 13 hcf



**2011 Ord Community Water Consumption vs. Allocation (in Acre Feet per year)**

EXHIBIT W-5

<b>Entity</b>	<b>2010 Consumption</b>	<b>2011 Consumption</b>	<b>Fort Ord Reuse Plan Allocation (AFY)</b>	<b>% of</b>
<b>OMC</b>				
Nonresidential	45	36		
Residential	182	201		
Residential (e)	410	401		
Irrigation	39	39		
<b>Subtotal</b>	<b>676</b>	<b>677</b>	<b>1,577.0 (1) (4)</b>	<b>43%</b>
Construction Water - Army	3	0		
<b>CSUMB</b>				
Main Campus	136	182		
CSUMB Housing (metered)	232	244		
CSUMB Housing (e)	0	0		
CSUMB Irrigation	35	35		
CSUMB Irrigation (e)	0	0		
<b>Subtotal</b>	<b>403</b>	<b>461</b>	<b>1,035.0</b>	<b>45%</b>
UC MBEST	3	2	230.0	
County	10	10	710.0 (7)	
County/State Parks	0	0	45.0	
Cty/Del Rey Oaks	0	0	242.5 (6)(7)	
Cty/Monterey	0	0	65.0	
Cty/Marina (Sphere)	0	0	10.0	
<b>Subtotal</b>	<b>13</b>	<b>12</b>	<b>1,302.5</b>	<b>1%</b>
<b>Seaside</b>				
Golf Course	349	430		
MPUSD	100	78		
Brostrom	60	59	85.0 (4)	
Thorson	60	69	120.0 (3)	
Seaside Highlands	166	166		
Monterey Bay Land, LLC	0	0	114.0 (5)	
Other	5	5	693.0 (7)	
<b>Subtotal</b>	<b>740</b>	<b>806</b>	<b>1,012.0 (4)</b>	<b>80%</b>
Construction Water - Seaside	51	1		
<b>Marina</b>				
Preston/Abrams	177	174		
Airport	10	7		
Other	69	78		
<b>Subtotal</b>	<b>256</b>	<b>258</b>	<b>1,325.0 (7)</b>	<b>20%</b>
Construction Water - Marina	15	5		
<b>Total</b>	<b>2,157</b>	<b>2,221</b>	<b>6,251.5</b>	<b>36%</b>
Assumed Line Loss	232 (8)	127 (8)	348.5 (7)	
Total Extracted	2389	2348		
Reserve	4211	4252	0 (7)	
<b>Total</b>	<b>6600</b>	<b>6600</b>	<b>6,600</b>	

**Notes:**

(e) indicates water use is estimated; meters are not installed.

**Footnotes:**

(1) The 1996/1998 FORA Board Allocation Plan reflects 1410 afy that considers future conservation on the POM Annex. The OMC's current reservation of 1577 afy reflects the decrease of 38 afy and 114 afy (see footnote [4]) from the original 1729 afy. The FORA Board has not yet revised the allocation numbers to reflect this change.

(3) The Sunbay/Thorson property was given its own allocation (120 afy) as part of the transfer of real estate from the US Army to the Southwest Sunbay Land Company.

(4) Seaside's original allocation of 710 afy was augmented by 38 afy by agreement with the OMC and Brostrom, and by 114 afy under final terms of the land exchange agreement among the City of Seaside, Monterey Bay Land, LLC and the US Army.

(5) 114 afy of Monterey Bay Land, LLC controlled potable water includes the proviso that the City of Seaside shall use no less than 39 afy of such water for affordable or workforce housing.

(6) The FORA Board approved an additional 17.5 afy for Del Rey Oaks on 05/13/2005.

(7) In January 2007, the FORA Board changed the 150 afy interim use loans to Marina, Seaside, Del Rey Oaks and Monterey County in October 1998 to add to their permanent allocations.

(8) Line loss figures include water transferred from Ord to Marina system through the inter-tie. The transferred numbers are tracked in the SCADA system and will be repaid back to Ord from Marina over time.

# **Ord Community Wastewater System**

**MARINA COAST WATER DISTRICT  
ORD COMMUNITY WASTEWATER SYSTEM OPERATIONS  
PROPOSED BUDGETS**

	Actual Ord Community Wastewater Expenses FY 2009-2010	Actual Ord Community Wastewater Expenses FY 2010-2011	Adopted Budget Ord Community Wastewater Expenses FY 2011-2012	Estimated Ord Community Wastewater Expenses FY 2011-2012	Proposed Budget Ord Community Wastewater Expenses FY 2012-2013	BUD vs BUD % CHANGE	BUD vs EST % CHANGE
<b>Administration/Management</b>							
Personnel	\$180,898	\$160,948	\$116,190	\$132,736	\$154,850	33.3%	16.7%
Expenses	\$44,393	\$66,762	\$80,220	\$76,196	\$89,030	11.0%	16.8%
Insurance	\$13,705	\$13,640	\$13,750	\$13,705	\$13,640	-0.8%	-0.5%
Legal	\$17,396	\$16,865	\$12,650	\$14,100	\$3,300	-73.9%	-76.6%
Interest Expense	\$301,475	\$467,421	\$466,560	\$460,709	\$395,300	-15.3%	-14.2%
subtotal	\$557,867	\$725,636	\$689,370	\$697,446	\$656,120	-4.8%	-5.9%
<b>Operations &amp; Maintenance</b>							
Personnel	\$185,755	\$198,580	\$233,100	\$272,321	\$230,318	-1.2%	-15.4%
Maintenance Expenses	\$42,206	\$93,134	\$96,520	\$41,147	\$109,510	13.5%	166.1%
Power Costs	\$49,521	\$50,056	\$57,100	\$48,010	\$52,825	-7.5%	10.0%
Annual Maintenance	\$5,270	\$809	\$10,000	\$10,000	\$15,000	50.0%	50.0%
subtotal	\$282,752	\$342,579	\$396,720	\$371,478	\$407,653	2.8%	9.7%
<b>Engineering Department</b>							
Personnel	\$126,911	\$159,077	\$68,820	\$90,841	\$77,761	13.0%	-14.4%
Expenses	\$1,709	\$994	\$1,100	\$1,853	\$275	-75.0%	-85.2%
Outside Consultants	\$7,642	\$10,560	\$5,500	\$47,598	\$17,850	224.5%	-62.5%
subtotal	\$136,262	\$170,631	\$75,420	\$140,292	\$95,886	27.1%	-31.7%
<b>TOTAL</b>	<b>\$976,881</b>	<b>\$1,238,846</b>	<b>\$1,161,510</b>	<b>\$1,209,216</b>	<b>\$1,159,659</b>	<b>-0.2%</b>	<b>-4.1%</b>

MARINA COAST WATER DISTRICT  
ORD COMMUNITY WASTEWATER SYSTEM  
CAPITAL IMPROVEMENT PROJECT BUDGET FOR FY 2012-2013

EXHIBIT WW-2

<b>Project No.</b>	<b>Project Name</b>	<b>Amount</b>
WD-0203	MCWD Fort Ord Office Landscape Project	\$2,255
WD-0115	SCADA System Improvements - Phase I	\$44,880
OS-0200	Clark Lift Station Improvement	\$395,000
OS-0150	East Garrison Lift Station Improvements	<u>\$217,000</u>
	<b>TOTALS</b>	<b><u>\$659,135</u></b>

Capital Improvement Project Sheet

<b>Project:</b>	<b>MCWD Fort Ord Office Landscape Project</b>
<b>Project No:</b>	<b>WD-0203</b>
<b>Cost Center:</b>	<b>Marina Water; Marina Sewer; Ft Ord Water; Ft Ord Sewer</b>

**Project Description**  
 This project is for completing the installation of landscaping at MCWDs' Fort Ord Office located at 2840 4th Avenue in Marina, CA. the project scope includes installing a "water-wise" irrigation system and the planting of native plant species and other low water use plants.

**Project Justification**  
 A landscape installed as a demonstration "garden", which will be open to the general public, will enhance the public's understanding of the District's landscape and conservation ordinances.

PROJECT COSTS:	Prior Years	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	OUT YEARS	Total
<b>Cost Category / Phasing</b>								
<b>Planning</b>								
External Services								0
Internal Services								0
<b>Design</b>								
External Services								0
Internal Services								0
<b>Construction</b>								
External Services		11,500						11,500
Internal Services		9,000						9,000
<b>Property / Easement Acquisitions</b>								0
<b>Other Project Costs</b>								0
<b>Estimated Cost By Fiscal Year</b>	<b>0</b>	<b>20,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,500</b>

Project Funding / Cost Centers	G L Code	% Cost Splits	Prior Years	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	OUT YEARS	Total
01 - Marina Water	01-00-160-402	30%	0	6,150	0	0	0	0	0	6,150
02 - Marina Sewer	02-00-160-402	9%	0	1,845	0	0	0	0	0	1,845
03 - Ft Ord Water	03-00-160-402	50%	0	10,250	0	0	0	0	0	10,250
04 - Ft Ord Sewer	04-00-160-402	11%	0	2,255	0	0	0	0	0	2,255
										0
<b>Funding By Fiscal Year</b>			<b>0</b>	<b>20,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,500</b>

Capital Improvement Project Sheet

<b>Project:</b>	<b>SCADA System Improvements - Phase I</b>
<b>Project No:</b>	<b>WD-0115</b>
<b>Cost Center:</b>	<b>Marina Water; Marina Sewer; Ft Ord Water; Ft Ord Sewer</b>

**Project Description**  
 This project is for improving the Supervisory, Control, and Data Acquisition (SCADA) facilities. MCWD has more than 40 (current) remote water and sewer infrastructure sites that need SCADA improvement. The current phase of the project will result in functional and expandable SCADA "hubs" that will transmit signals to MCWD's O&M control room while the future phases will up-grade the remote sites.

**Project Justification**  
 This project is needed to increase the reliability of the SCADA facilities. A well-functioning SCADA system is fundamental to efficient operation of water and wastewater systems and reliable SCADA facilities reduce risk because problems with remote infrastructure can be identified, communicated and/or prevented prior to failure.

<b>PROJECT COSTS:</b>	<b>Prior Years</b>	<b>FY 12/13</b>	<b>FY 13/14</b>	<b>FY 14/15</b>	<b>FY 15/16</b>	<b>FY 16/17</b>	<b>OUT YEARS</b>	<b>Total</b>
<b>Cost Category / Phasing</b>								
<b>Planning</b>								
External Services								0
Internal Services								0
<b>Design</b>								
External Services								0
Internal Services								0
<b>Construction</b>								
External Services	554,890	400,000	125,000	125,000	125,000	125,000		1,454,890
Internal Services		8,000	10,000	10,000	10,000	10,000		48,000
<b>Property / Easement Acquisitions</b>								0
<b>Other Project Costs</b>								0
<b>Estimated Cost By Fiscal Year</b>	<b>554,890</b>	<b>408,000</b>	<b>135,000</b>	<b>135,000</b>	<b>135,000</b>	<b>135,000</b>	<b>0</b>	<b>1,502,890</b>

<b>Project Funding / Cost Centers</b>	<b>G L Code</b>	<b>% Cost Splits</b>	<b>Prior Years</b>	<b>FY 12/13</b>	<b>FY 13/14</b>	<b>FY 14/15</b>	<b>FY 15/16</b>	<b>FY 16/17</b>	<b>OUT YEARS</b>	<b>Total</b>
01 - Marina Water	01-00-160-402	30%	166,467	122,400	40,500	40,500	40,500	40,500	0	450,867
02 - Marina Sewer	02-00-160-402	9%	49,940	36,720	12,150	12,150	12,150	12,150	0	135,260
03 - Ft Ord Water	03-00-160-402	50%	277,445	204,000	67,500	67,500	67,500	67,500	0	751,445
04 - Ft Ord Sewer	04-00-160-402	11%	61,038	44,880	14,850	14,850	14,850	14,850	0	165,318
										0
<b>Funding By Fiscal Year</b>			<b>554,890</b>	<b>408,000</b>	<b>135,000</b>	<b>135,000</b>	<b>135,000</b>	<b>135,000</b>	<b>0</b>	<b>1,502,890</b>

Capital Improvement Project Sheet

<b>Project:</b>	Clark Lift Station Improvement
<b>Project Number:</b>	OS-0200
<b>Cost Center:</b>	Ord Community Sewer

**Project Description**  
 This project is for replacing the current sanitary sewer lift station with an improved lift station. The project scope includes an up-graded concrete below-grade we-well, a dual submersible pump, and a valve vault. A back-up generator is also included in the scope. The project is located at the intersection of Brostrom and Clark Court in the Former Fort Ord portion on eastern Marina.

**Project Justification**  
 This project is needed because the existing lift station is beyond its useful life. The lift station is costly to maintain and operate; replacement will result in lower operational expense.

PROJECT COSTS:	Prior Years	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	OUT YEARS	Total
<b>Cost Category / Phasing</b>								
<b>Planning</b>								
External Services								0
Internal Services								0
<b>Design</b>								
External Services		15,000						15,000
Internal Services		12,000						12,000
<b>Construction</b>								
External Services		360,000						360,000
Internal Services		8,000						8,000
<b>Property Easement / Acquisitions</b>								0
<b>Other Project Costs</b>								0
<b>Estimated Cost By Fiscal Year</b>	0	395,000	0	0	0	0	0	395,000

Project Funding / Cost Centers	G L CODE	% Cost Splits	Prior Years	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	OUT YEARS	Total
04 - Fort Ord Sewer		100%	0	395,000	0	0	0	0	0	395,000
										0
										0
										0
<b>Funding By Fiscal Year</b>			0	395,000	0	0	0	0	0	395,000

Capital Improvement Project Sheet

<b>Project:</b>	East Garrison Lift Station Improvements
<b>Project Number:</b>	OS-0150
<b>Cost Center:</b>	Ord Community Sewer

**Project Description**  
 This project is for the East Garrison sanitary sewer lift station. The project scope for this phased project will mirror the flow-rate demands of the East Garrison development project. The initial phase will be an up-grade of the existing FORA-constructed facility. The project is located near the entrance of East Garrison, adjacent to Reservation Road.

**Project Justification**  
 The installation of the lift station facility provides sanitary sewer service for the future residents of the East Garrison Development; the first structures that might be occupied soon broke ground in April 2012. Future phases of the project will be implemented based on the progress of the development.

PROJECT COSTS:		Prior Years	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	OUT YEARS	Total
<b>Cost Category / Phasing</b>									
<b>Planning</b>									
External Services		11,224							11,224
Internal Services									0
<b>Design</b>									
External Services		81,000	40,000	20,000			60,000		201,000
Internal Services			9,000	9,000			9,000		27,000
<b>Construction</b>									
External Services		231,796	160,000	60,000			650,000		1,101,796
Internal Services			8,000	8,000			12,000		28,000
<b>Property Easement / Acquisitions</b>									0
<b>Other Project Costs</b>									0
<b>Estimated Cost By Fiscal Year</b>		<b>324,020</b>	<b>217,000</b>	<b>97,000</b>	<b>0</b>	<b>0</b>	<b>731,000</b>	<b>0</b>	<b>1,369,020</b>

Project Funding / Cost Centers	G L CODE	% Cost Splits	Prior Years	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	OUT YEARS	Total
04 - Fort Ord Sewer	04-00-160-025	100%	324,020	217,000	97,000	0	0	731,000	0	1,369,020
										0
										0
										0
<b>Funding By Fiscal Year</b>			<b>324,020</b>	<b>217,000</b>	<b>97,000</b>	<b>0</b>	<b>0</b>	<b>731,000</b>	<b>0</b>	<b>1,369,020</b>

**MARINA COAST WATER DISTRICT  
ORD COMMUNITY WASTEWATER SYSTEM OPERATIONS  
PROJECTED NET REVENUE**

**EXHIBIT WW-3**

		Actual FY 2009-2010	Actual FY 2010-2011	Adopted FY 2011-2012	Estimated FY 2011-2012	Proposed FY 2012-2013	BUD vs BUD %	BUD vs EST %
	Estimated # of EDU's	5,490	5,599	5,595	5,530	5,530		
	Flat Rate Billing per EDU	\$22.60	\$24.36	\$25.56	\$25.56	\$26.84		
	Monthly Capital Surcharge (per EDU)	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00		
	Annual Revenue - Flat Rate Billing	1,488,795	1,636,658	1,713,300	1,693,559	1,778,237	3.8%	5.0%
	Other Fees & Charges	49,615	15,075	11,000	5,794	5,000	-54.5%	-13.7%
A	<b>Total Operating Revenue</b>	<b>1,538,410</b>	<b>1,651,733</b>	<b>1,724,300</b>	<b>1,699,353</b>	<b>1,783,237</b>	<b>3.4%</b>	<b>4.9%</b>
B	Capacity Fee (\$2,150 per EDU)	110,880	40,632	10,000	4,623	4,000	-60.0%	-13.5%
C	Capital Surcharge Revenue	10,511	18,370	18,000	18,570	18,000	0.0%	-3.1%
D	Bond Revenue	7,809	8,561	7,800	8,552	8,550	9.6%	0.0%
E	Non-Operating Revenue (Including Interest Income)	130,207	54,674	43,500	45,526	44,760	2.9%	-1.7%
	<b>TOTAL REVENUE (A through E)</b>	<b>\$1,797,817</b>	<b>\$1,773,970</b>	<b>\$1,803,600</b>	<b>\$1,776,624</b>	<b>\$1,858,547</b>	<b>3.0%</b>	<b>4.6%</b>
F	Operating Expenditures	1,001,696	1,226,910	1,149,510	1,197,216	1,147,659	-0.2%	-4.1%
G	CIP Projects	0	351,564	1,459,985	0	659,135	-54.9%	0.0%
H	General Capital Outlay	25,513	13,715	15,400	14,300	27,555	78.9%	92.7%
I	Debt Service (principal)	160,000	277,700	265,300	265,300	272,896	2.9%	2.9%
J	Capital Replacement Reserve Fund	100,000	100,000	100,000	100,000	100,000	0.0%	0.0%
K	Reimb. To Land Use Agencies (5% of OR)	-24,815	11,936	12,000	12,000	12,000	0.0%	0.0%
	<b>TOTAL EXPENDITURES (F through K)</b>	<b>\$1,262,394</b>	<b>\$1,981,825</b>	<b>\$3,002,195</b>	<b>\$1,588,816</b>	<b>\$2,219,245</b>	<b>-26.1%</b>	<b>39.7%</b>
	<b>Transfer From/(To) Reserves</b>	<b>(\$535,423)</b>	<b>\$207,855</b>	<b>\$1,198,595</b>	<b>(\$187,808)</b>	<b>\$360,698</b>		
	<b>BALANCE</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		

**MONTHLY WASTEWATER COLLECTION RATES FOR REGION SURROUNDING THE ORD COMMUNITY**

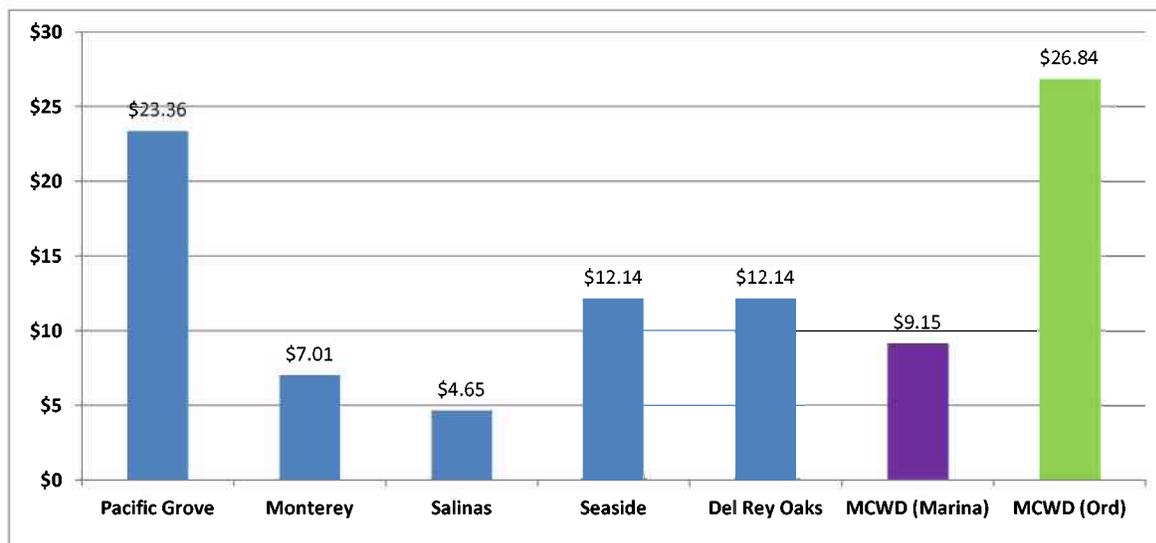
Revised March 12, 2012

SERVICE DESCRIPTION	City of Pacific Grove <sup>1</sup>	City of Monterey <sup>2</sup>	City of Salinas <sup>2</sup>	SCSD City of Seaside <sup>2</sup>	SCSD City of Del Rey Oaks <sup>2</sup>	Proposed MCWD City of Marina <sup>3</sup>	Proposed MCWD Ord Community <sup>3</sup>
Residential - per Living Unit	\$23.36	\$7.01	\$4.65	\$12.14	\$12.14	\$9.15	\$26.84
Business - 15 employees	\$31.83	\$7.18	\$6.44	\$18.74	\$18.74	\$13.73	\$40.26
Church - over 100 members	\$31.83	\$9.30	\$6.44	\$9.37	\$9.37	\$9.15	\$26.84
Laundromat - each washing machine	\$12.80	\$3.12	\$2.59	\$8.16	\$8.16	\$5.49	\$16.10
General Hospital - each bed	\$35.81	\$7.87	\$7.25	\$13.74	\$13.74	\$7.32	\$21.47
Motel/hotel - each room	\$9.69	\$2.02	\$1.96	\$5.27	\$5.27	\$2.29	\$6.71
Restaurant - each seat	\$4.41	\$0.52	\$0.89	\$1.35	\$1.35	\$0.64	\$1.88
High School/University - each student/faculty	\$0.35	\$0.10	\$0.07	\$0.25	\$0.25	\$0.64	\$1.88
Supermarket - 30 Employees	\$157.95	\$19.61	\$31.96	\$51.19	\$51.19	\$27.45	\$80.52

<sup>1</sup>Rate is 173% of MRWPCA rate

<sup>2</sup>Rate is for FY 2012/2013 based on 2011/2012 Prop 218 notice

<sup>3</sup>Rate is proposed for FY 2012/2013 based on 2011/2012 Prop 218 notice



**MCWD (Ord) rate will decrease as rate base increases. Current rate base must support operating costs and debt service on system.**

# Ord Community Reserves

MARINA COAST WATER DISTRICT  
ORD COMMUNITY RESERVE DETAIL  
PROJECTED AS OF JUNE 30, 2012

EXHIBIT RES-1

<u>Description</u>	Ord Water	Ord Sewer	TOTALS
Debt Reserve Fund (2006 Bond)*	1,664,919	649,091	2,314,010
Debt Reserve Fund (2010 Bond)*	433,245	101,940	535,185
IOP CD Account*	1,683,239	396,056	2,079,295
Sub-total	<u>3,781,403</u>	<u>1,147,087</u>	<u>4,928,490</u>
Capital Reserves			
Bond Series 2006 Construction Funds**	-	912,065	912,065
Capacity Charge/Capital Surcharge**	1,934,670	273,954	2,208,623
Capital Replacement**	813,558	407,025	1,220,583
Sub-total	<u>2,748,228</u>	<u>1,593,044</u>	<u>4,341,272</u>
General Operating Reserve (#)	1,181,088	2,071,647	3,252,735
<b>Total Projected Reserve as of 06-30-2012</b>	<b><u>7,710,719</u></b>	<b><u>4,811,778</u></b>	<b><u>12,522,497</u></b>
<b><u>FY 2012-2013 Operating Reserve</u></b>			
Beginning operating reserve	1,181,088	2,071,647	3,252,735
A Proposed transfers to operations	(305,394)	-	(305,394)
Due to/(Due From) Interfund Transfers	1,289,105	(1,525,000)	(235,895)
B Proposed transfers from operations		298,437	298,437
<b>Projected Ending Balance @ 06-30-2013</b>	<b><u>2,164,799</u></b>	<b><u>845,084</u></b>	<b><u>3,009,883</u></b>
6 mths avg operating expenses required by Board***	2,159,976	550,888	2,710,864
<b>Projected available Operating Reserve @ 06-30-2013</b>	<b><u>4,823</u></b>	<b><u>294,196</u></b>	<b><u>299,019</u></b>
<b><u>FY 2012-2013 Capital Reserve</u></b>			
Beginning capital reserve	2,748,228	1,593,044	4,341,272
Proposed transfer to capital reserve	200,000	100,000	300,000
C Proposed transfer from capital reserve	(637,710)	(659,135)	(1,296,845)
<b>Projected Ending Balance @ 06-30-2013</b>	<b><u>2,310,518</u></b>	<b><u>1,033,909</u></b>	<b><u>3,344,427</u></b>
Capital minimum balance required by Board***	1,000,000	1,000,000	2,000,000
<b>Projected available Capital Reserve @ 06-30-2013</b>	<b><u>1,310,518</u></b>	<b><u>33,909</u></b>	<b><u>1,344,427</u></b>
<b>Proposed Net Transfers from (To)/From Reserves (A+B+C)</b>	<b>(943,104)</b>	<b>(360,698)</b>	<b>(1,303,802)</b>

# Loan of \$7,622,073 from Ord Water to Regional Project is expected to be reimbursed through Regional Project financing

\* Held by external Agencies

\*\* Restricted to only capital spending

\*\*\*Per Board Policy