

Resolution No. 09-05
Resolution of the Board of Directors
Fort Ord Reuse Authority
Adopting the Capacity Charge and Capital Surcharge element of the Budget and the Ord
Community Compensation Plan for FY 2009-2010

May 8, 2009

RESOLVED by the Board of Directors (“Directors”) of the Fort Ord Reuse Authority (“FORA”), at a regular meeting duly called and held on May 8, 2009 at the FORA Conference Facility/Bridge Center, 201 13th Street, Building 2925, Marina, California as follows:

WHEREAS, Marina Coast Water District (“District”) Staff prepared and presented the draft FY 2009-2010 Budget which includes projected revenues, expenditures and capital improvement projects for the Ord Community Water, Recycled Water and Wastewater systems, including the area within the jurisdiction of FORA and the area remaining within the jurisdiction of the U.S. Army; and,

WHEREAS, FORA is authorized by the FORA Act, particularly Government Code 67679(a)(1), to arrange for the provision of water and wastewater services to the Ord Community; and

WHEREAS, the District and FORA, entered into a “Water/Wastewater Facilities Agreement” (“the Agreement”) on March 13, 1998, and have subsequently duly amended the Agreement; and,

WHEREAS, The Agreement provides a procedure for establishing budgets and compensation plans to provide for sufficient revenues to pay the direct and indirect, short-term and long-term costs, including capital costs, to furnish the water and wastewater facilities; and,

WHEREAS, the Agreement, as amended, provides that FORA and the District will each adopt the annual Budget and Compensation Plan by resolution; and,

WHEREAS, the proposed Budget and Compensation Plan for 2009-2010 provides for funds necessary to meet operating and capital expenses for sound operation and provision of the water, recycled water and wastewater facilities and to enable the District to provide continued water, recycled water and sewer services within the existing service areas on the former Fort Ord. The rates, fees and charges adopted by FORA apply only to the area within FORA’s jurisdictional boundaries; and,

WHEREAS, a financing study prepared by Citigroup Global Markets Inc. in 2005 for the District recommended the adoption of capacity charges and a capital surcharge as an element of financing capital facilities for water and wastewater services to the Ord Community; and,

WHEREAS, the Water/Wastewater Oversight Committee of FORA and the District full Board have reviewed the proposed Budget and Compensation Plan; and,

WHEREAS, pursuant to the Agreement, FORA and the District have adopted and implemented and acted in reliance on budgets and compensation plans for prior fiscal years; and,

WHEREAS, pursuant to the Agreement, FORA and the District have cooperated in the conveyance to the District of easements, facilities and ancillary rights for the water, recycled water and wastewater systems on the area of the former Fort Ord within FORA's jurisdiction; and,

WHEREAS, the District has provided water and wastewater services on the former Fort Ord by contract since 1997, and currently provides water and wastewater services to the area of the former Fort Ord within FORA's jurisdiction under the authority of the Agreement, and provides such services to the portion of the former Fort Ord still under the Army's jurisdiction by contract with the Army; and,

WHEREAS, capacity charges and surcharges are imposed as a condition of service to customers. The charges are not imposed upon real property or upon persons as an incident of real property ownership; and,

WHEREAS, estimated revenues from the capacity charges and surcharges will not exceed the estimated reasonable costs of providing the facilities and services for which the charges are imposed; and,

WHEREAS, the capacity charges and surcharges have not been calculated nor developed on the basis of any parcel map, including any assessor's parcel map; and,

WHEREAS, the capacity charges will not be effective until adopted by resolution of the District after compliance with Section 54354.5 of the Government Code; and

WHEREAS, after a public meeting and based upon staff's recommendations, the Board has determined that the capital elements of the Budget and Compensation Plan, including the capacity charges and surcharges therein, should be adopted as set forth on Attachment A to this Resolution; and

WHEREAS, Government Code Section 54999.3 requires that before imposing certain capital facilities fees on certain educational and state entities, any public agency providing public utility service must negotiate with the entities receiving the service; and

WHEREAS, FORA is the lead agency for the adoption of rates, fees and charges for the area of the Ord Community under FORA's jurisdiction, and that in adopting rates and charges for that area, the District is acting as a responsible agency and relying on FORA's compliance with the requirements of the California Environmental Quality Act ("CEQA"); that the District has previously adopted rates, fees and charges for its jurisdictional service area; and that, in approving rates, fees and charges for the area of Ord Community within the jurisdiction of the U.S. Army, the District is acting to provide continued water and sewer service within existing service areas on the Ord Community, and that such action is exempt from CEQA pursuant to Public Resources Code Section 21080(b)(8) and Section 15273 of the State CEQA Guidelines codified at 14 CCR §15273.

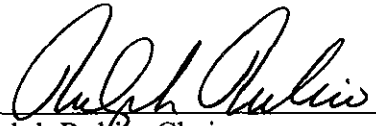
NOW, THEREFORE, BE IT RESOLVED AS FOLLOWS,

1. The Board of Directors of the Fort Ord Reuse Authority approves and adopts the capital elements of the FY 2009-2010 Budget for water, recycled water and wastewater services to the Ord Community.

2. The FORA Board adopts the capital elements of the compensation plan for the area of Ord Community within FORA's jurisdiction, including capacity charges and capital surcharges, set forth on Attachment A to this Resolution. The District is authorized to charge and collect capacity charges and capital surcharges for provision of water and wastewater services within the boundaries of the Fort Ord Reuse Authority in accordance with the schedule set forth in Attachment A. The District is further authorized to use the same charges in providing services to the area of Ord Community within the jurisdiction of the U.S. Army.
3. The charges authorized by this Resolution shall not exceed the estimated reasonable costs of providing the services for which the charges are imposed.
4. The District must comply with Government Code Section 54354.5 in adopting the capacity charges and capital surcharges set forth in Attachment A.
5. The District must comply with the requirements of Government Code section 54999.3 before imposing a capital facilities fee (as defined in Government Code section 54999.1) on any school district, county office of education, community college district, the California State University, the University of California or state agency.

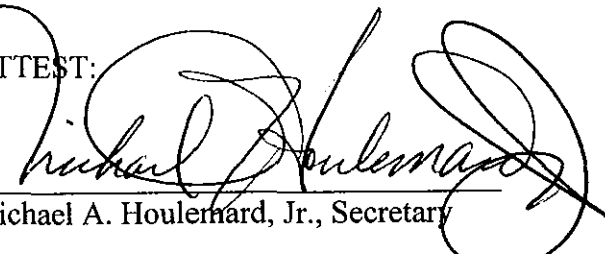
PASSED AND ADOPTED on May 8, 2009, by the Board of Directors of the Fort Ord Reuse Authority by the following roll call vote:

Ayes:	12	Directors Rubio, McCloud, Gray, Kampe, Potter, Parker, Selfridge, Russell, Mancini, Pendergrass, McCall, and Cook (alternate for Supervisor Calcagno)
Noes:	-0-	
Absentions:	-0-	
Absent:	-1-	Director Barnes



 Ralph Rubio, Chair

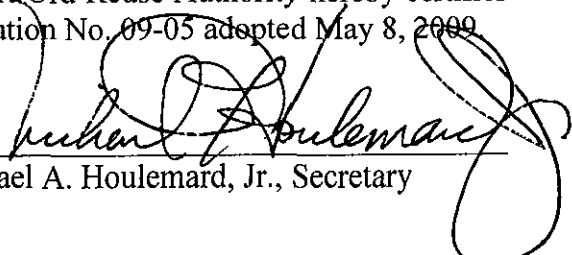
ATTEST:



 Michael A. Houlemard, Jr., Secretary

CERTIFICATE OF SECRETARY

The undersigned Secretary of the Board of the Fort Ord Reuse Authority hereby certifies that the foregoing is a full, true and correct copy of Resolution No. 09-05 adopted May 8, 2009.



 Michael A. Houlemard, Jr., Secretary

Ord Community Water/Wastewater Systems

Compensation Plan

for FY 2009-2010

presented to

Fort Ord Reuse Authority

Board of Directors

May 8, 2009

by

Marina Coast Water District



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Draft FY 2009-2010 Ord Community Service Area Budget Summary

Introduction. The purpose of this summary is to provide an overview of the FY 2009-2010 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. General overhead costs are also allocated in this manner which, 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 2007-2008) 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 and recommendations from the rate study are incorporated in this budget document.

Cost Centers:

- Marina Water
- Marina Wastewater Collection (Sewer)
- Ord Community Water
- Ord Community Wastewater Collection (Sewer)
- New Water Project

Assumptions:

- Revenues:
 - Ord Community Water \$4.898 million (proposed rate increase of 10%)
 - Ord Community Wastewater Collection \$1.604 million (proposed rate increase of 7.8%)
- New financing (use of 2006 Series Bond proceeds & other funding sources):
 - 2006 series bond proceeds & other sources to fund \$9.496 million for Ord Community Water, \$0.115 million for Ord Community Wastewater, and \$35.207 million for New Water Project
- Expenses:
 - Ord Community Water \$4.170 million
 - Ord Community Wastewater Collection \$1.075 million
 - New Water Project \$0.425 million

- Debt Service on existing loans (principal/interest):
 - Ord Community Water \$0.794 million
 - Ord Community Wastewater Collection \$0.413 million
 - New Water Project \$0.260 million
- Capital Replacement Reserve Fund:
 - Ord Community Water \$0.200 million
 - Ord Community Sewer \$0.100 million

Ord Community Water Rates (monthly):

	FY 2008-2009	FY 2009-2010
Meter Service Charge	\$13.75	\$15.13
First Tier (0-8 hcf)	1.87	2.06
Second Tier (8-16 hcf)	2.63	2.89
Third Tier (16+ hcf)	3.39	3.73
Flat Rate Billing	67.76	74.58
Average Monthly bill (13 units)	\$41.86	\$46.06

Ord Community Wastewater Collection Rates (monthly):

	FY 2008-2009	FY 2009-2010
Monthly Flat Fee Bill	\$20.97	\$22.60

Capacity Charge:

- Ord Community Water Capacity Charge \$5,700* per equivalent dwelling unit
 - Ord Community Wastewater Collection Capacity Charge \$2,100 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.

Capital Improvement Programs:

- Ord Community Water \$9.605 million
- Ord Community Wastewater Collection \$0.132 million
- New Water Project \$34.798 million

District Overhead:

- Support for a staff of 39 positions:
 - Administration – 13
 - Operations & Maintenance – 15
 - Laboratory – 2
 - Conservation – 2
 - Engineering – 7

**ORD COMMUNITY
WATER & WASTEWATER SYSTEM
RATES, FEES and CHARGES
FY 2009 - 2010
Effective July 1, 2009**

Water Consumption Charge

0 - 8 hcf	First Tier	2.06	per hcf
8 - 16 hcf	Second Tier	2.89	per hcf
16+ hcf	Third Tier	3.73	per hcf
	Monthly Capital Surcharge (New EDU)	20.00	per EDU
	Flat Rate	74.58	per unit

Monthly Minimum Water Charges

<u>Size</u>	<u>Fee</u>
5/8" or 3/4"	\$15.13 per month
1"	\$37.81 per month
1 1/2"	\$75.60 per month
2"	\$120.96 per month
3"	\$226.80 per month
4"	\$378.00 per month
6"	\$755.99 per month
8"	\$1,511.99 per month

Monthly Minimum Sewer Charges

Monthly Wastewater Charge	\$22.60	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	\$72.73 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

Water	\$5,700.00 per edu
Sewer	\$2,100.00 per edu

**MARINA & ORD COMMUNITY
WATER & WASTEWATER SYSTEM
RATES, FEES and CHARGES
FY 2009 - 2010
Effective July 1, 2009**

Labor Charges

District Engineer	\$105.00 per hour
Capital Projects Manager	\$85.00 per hour
Operations Engineer	\$80.00 per hour
Projects Engineer	\$68.00 per hour
Associate Engineer	\$63.00 per hour
Engineering Administrative Assistant	\$44.00 per hour
Operations & Maintenance Superintendent	\$78.00 per hour
Operations & Maintenance System Operator 3	\$60.00 per hour
Operations & Maintenance System Operator 2	\$55.00 per hour
Operations & Maintenance System Operator 1	\$50.00 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 Unit	\$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
Basic Penalty	10% of the delinquent amount
Additional Penalty	1.50% per month of the delinquent amount

Ord Community Water System

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

EXHIBIT W-1

	Adopted Budget Ord Community Water Expenses FY 2008-2009	Proposed Budget Ord Community Water Expenses FY 2009-2010
Administration/Management		
Personnel	\$656,490	\$722,600
Expenses	\$608,060	\$664,500
Insurance	\$47,650	\$57,700
Legal	\$42,640	\$47,500
Interest Expense	\$394,240	\$484,000
subtotal	\$1,749,080	\$1,976,300
Operations & Maintenance		
Personnel	\$667,560	\$753,637
Maintenance Expenses	\$152,100	\$155,025
Power Costs	\$428,500	\$443,200
Annual Maintenance	\$50,000	\$50,000
subtotal	\$1,298,160	\$1,401,862
Laboratory		
Personnel	\$140,850	\$147,314
Equipment/Expenses	\$33,415	\$37,300
Lab Contract Services	\$10,000	\$14,400
subtotal	\$184,265	\$199,014
Conservation		
Personnel	\$107,270	\$122,709
Expenses	\$62,018	\$61,605
subtotal	\$169,288	\$184,314
Engineering		
Personnel	\$413,990	\$352,639
Expenses	\$6,960	\$8,360
Outside Consultants	\$50,600	\$48,000
subtotal	\$471,550	\$408,999
Total Operating Expenses	\$3,872,343	\$4,170,489

	B	G	M	W	X	Y	Z	AA	AB	
3	MARINA COAST WATER DISTRICT									
4	5-YEAR CAPITAL IMPROVEMENT BUDGET									
5			Original	JAN 2009	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	OUT
6	CIP #	Project Description	Cost	Cost	Proposed	Proposed	Proposed	Proposed	Proposed	YEARS
53		Ord Community Water 03-00-160-000								
55	FY 2008/2009 (Active Projects)									
57	OW-0124	Gen Jim Moore Blvd (Del Rey Oaks) (Construct)	2,611,000	3,022,000	2,935,000					
58	OW-0119	Replace D & E Reservoir (Construction/Demolition) [CIP No. 4.04, 3.07]	actual	8,300,000	3,600,000					
59	OW-0122	Replace D & E Reservoir Off-Site Piping	140,000	162,100	168,584					
60	OW-0128	Lightfighter "B" Zone Pipeline Extension (Design)	75,000	86,900	90,376					
61	OW-0170	Well 34 (deep aquifer at Well 32 site) (Design)	1,650,000	1,650,000	260,000					
62	WD-0115	SCADA System Improvements - Phase I	250,000	250,000	152,635					
63	INA	Basewide Environmental Insurance [50% OW, 50% OS]	20,658	20,700	10,764	11,195	11,642			
64	FY 2009/2010 (Planned Year)									
66	OW-0170	Well 34 (deep aquifer at Well 32 site) (Construct)	1,650,000	1,650,000	1,287,000					
67	WD-0106	Corp Yard (Demolition/Construct)	450,000	450,000	234,000					
68		2010 -- Urban Water Mgmt. Update	300,000	300,000	168,480					
69	OW-116	Eastern Distribution System (Prop 50 funded; OW-116 ; OW-170, Watkin Gate Well) (Design)	6,712,610	7,787,619	500,000	500,000				
70	OW-116	Eastern Distribution System (Prop 50 funded; OW-116 ; OW-170, Watkin Gate Well) (Construct)	6,712,610	7,787,619		2,980,589	3,588,881			
71	OW-0117	18" UCMBEST Mitigation Monitoring Program	109,000	109,000	33,000	18,000				
72	GW-xxx	Integrated Regional Water Management Plan - Update	100,000	100,000	56,160					
74	OW-0167	2nd Ave extension to Gigling Rd	170,850	197,800		213,940				
75	OW-0128	Lightfighter "B" Zone Pipeline Extension (Construct)	231,000	267,400		289,220				
76	GW-0112	"A1/A2" Zone Tank & B/C Booster Sta @ CSUMB (Design)	1,610,000	1,863,400		1,088,345				
77	GW-0112	"A1/A2" Zone Tank & B/C Booster Sta @ CSUMB (Construct)	5,074,000	5,872,600			3,567,173			
78		Surplus Area 2 Pipelines	773,000	894,700		967,708				
79		Gigling Transmission from D Booster to JM Blvd	93,960	118,700			133,521			
80		South Boundary Road Pipeline (DRO In-Tract) (20% allocation for up-sizing, if needed)	1,317,000	1,524,300			342,926			
81	OW-0127	Fire Flow Improvements - Commercial Flow on CSU (Design)	73,200	92,500			104,050			
82	OW-0127	Fire Flow Improvements - Commercial Flow on CSU (Construct)	414,800	523,800				612,772		
83		7th Avenue and Gigling Rd (Design)	25,650	32,400			36,446			
84		7th Avenue and Gigling Rd (Construct)	145,350	183,600				214,786		
85		2nd Ave connection, Reindollar to Imjin (2008)	1,000,000	1,000,000				1,169,859		
86	WD-0115	SCADA System Improvements - Phase II	248,000	248,000		112,659				
87	WD-0115	SCADA System Improvements - Phase III	100,000	100,000		45,427				
88	WD-0115	SCADA System Improvements (construction)	337,500	337,500			159,449			
89	WD-0110	Asset Management Program - Phase II	255,000	255,000		115,839				
90	WD-0110	Asset Management Program -- Phase III	250,000	250,000			118,111			
91	OW-0118	"B4" Zone Tank @ East Garrison (and demo travel Camp Tank) (Design)	1,898,050	2,196,800			370,665			
92	OW-0118	"B4" Zone Tank @ East Garrison (and demo travel Camp Tank) (Construct)	1,898,050	2,196,800				2,184,453		
93		Demolish Bayview Reservoir [2010]	150,000	189,400				221,571		
94		1,700 feet Inter-Garrison Road Pipeline Replacement (in lieu of ASP booster & until B tanks inst	600,000	600,000		125,000	400,000			
95	OW-0169	Intergarrison Road PRV	122,000	141,300				165,301		
96	OW-0166	CSU Fireflow Improvements	96,000	111,200				130,088		
97		Fire Flow Improvements -- Residential Fire Flow @ 3RD Ave (Vets Housing)	27,500	34,800				40,711		
98		Fire Flow Improvements -- Commercial Fire Flow to Stockade	461,000	582,100				680,975		
99		Fire Flow Improvements -- Residential Fire Flow between UV and Seaside Gateway	142,500	180,000				210,575		
100	OW-0164	Reservation Rd to Imjin Main Improvements (Design) (2,800 lf of 12")	56,850	65,800					80,056	
101	OW-0164	Reservation Rd to Imjin Main Improvements (Construct) (2,800 lf of 12")	322,150	372,900						471,837
102	GW-0123	"B2" Zone Tank @ CSUMB (Design)	403,000	466,500				294,699		
103	GW-0123	"B2" Zone Tank @ CSUMB (Construct)	1,610,000	1,863,400					1,958,811	
104	OW-0131	Abrams Road Pipeline (Design) in CSU East Housing Area	114,570	144,700					176,050	
105	OW-0131	Abrams Road Pipeline (Construct) in CSU East Housing Area	114,570	144,700						183,092
106	GW-0112	"A2" Zone Tank @ CSUMB (Design)	1,610,000	1,863,400					340,067	
107	GW-0112	"A2" Zone Tank @ CSUMB (Construct)	1,610,000	1,863,400						2,004,126
108	OW-0165	Rehabilitate/Replace Well 29 & TCE Treatment (Design)	1,158,000	1,462,100					266,830	
109	OW-0165	Rehabilitate/Replace Well 29 & TCE Treatment (Construct)	1,158,000	1,462,100						1,572,519
110		Sand Tank Demolition (Design)	288,000	333,400					60,845	

EXHIBIT W2

	B	G	L	M	W	X	Y	Z	AA	AB
3	MARINA COAST WATER DISTRICT									
4	5-YEAR CAPITAL IMPROVEMENT BUDGET									
5										
6	CIP #	Project Description	Original Cost	JAN 2009 Cost	FY 09/10 Proposed	FY 10/11 Proposed	FY 11/12 Proposed	FY 12/13 Proposed	FY 13/14 Proposed	OUT YEARS
111		Sand Tank Demolition (Construct)	288,000	333,400						358,579
112	GW-xxxx	Reservoir A3 (1.6 MG) (Design)	2,301,000	2,663,200					262,455	
113	GW-xxxx	Reservoir A3 (1.6 MG) (Construct)	2,301,000	2,663,200						1,546,737
114		Eastside Road (D-Zone pipeline) (Design - cost carried from 5-5.04)	345,000	345,000					419,745	
115		Eastside Road (D-Zone pipeline) (construct-cost carried from 5-5.04)	2,300,000	2,300,000						2,910,234
116		Reservoir "D2" (Design) [2010]	2,375,000	2,748,800					521,716	
117		Reservoir "D2" (Construct) [2010]	2,375,000	2,748,800						2,956,393
118	OW-0129	Rehabilitate Well 31 (Design)	1,177,500	1,486,800					271,338	
119	OW-0129	Rehabilitate Well 31 (Construct)	1,177,500	1,486,800						1,599,085
120	OW-0171	Eucalyptus Rd Pipeline	1,735,000	2,008,100						2,540,887
121	OW-0121	"C2" to "B4" Pipeline and PRV Station	1,037,000	1,200,300						1,518,762
122		Reservoir B4/B5 to East Garrison Pipeline	188,000	217,600						275,333
123		Imjin Road; Reservation to Imjin Pkwy, realignment in 2013 (Design)	700,000	810,200					147,860	
124		Imjin Road; Reservation to Imjin Pkwy, realignment in 2013 (Construct)	700,000	810,200						871,387
125		Booster Station @ UCMBEST Add'l Pump Cap. (Design)	171,000	198,000					240,897	
126		Booster Station @ UCMBEST Add'l Pump Cap. (Construct) [2015]	969,000	1,121,500						1,419,055
127		UCMBEST Pipeline	296,500	343,200						434,257
128		Imjin Road @ Airport Area (Design) [2015]	100,000	115,800						21,979
129		Imjin Road @ Airport Area (Construct) [2015]	100,000	115,800						124,545
130		Golf Boulevard Transmission Line	796,000	921,300						1,165,738
131		"B5" Zone Tank @ East Garrison [2011]	2,301,000	2,663,200						3,369,798
132		Blanco/Imjin Connector - road project pending change	473,000	473,000						596,496
133		Reservoir B Supply Line (Design) [2015]	194,490	245,600						46,614
134		Reservoir B Supply Line (Construct) [2015]	194,490	245,600						264,148
135		Eastern Well Field - ROLLUP thru well 39 (Includes Well 33 Phases 2 and 3) Need to split out)	26,081,390	30,186,100						38,195,046
136		Eastern Well Field - ROLLUP thru well 43 (Need to split out)	20,238,000	23,423,000						29,637,567
137		2011 - Ord Water Master Plan	200,000	200,000			224,973			
138										
140		TOTAL - Ord Community Water			9,495,999	6,467,922	9,057,837	5,925,790	4,746,670	94,086,217
141										
253		New Water Projects - 05:00-160:000								
255		FY 2008/2009 (Active Projects)								
257	RW-0156	Recycled Design, Gen Jim Moore Blvd, Coe to South Boundary	25,500	29,600	30,784					
258	RW-0155	RUWAP Project Management [90% split]	750,000	750,000	832,000					
259	GW-0157	RUWAP Desalination - Detailed Design (Armstrong Ranch alt) [90% split]	6,940,000	7,450,000	2,643,416	2,052,352				
260		FY 2009/2010 (Planned Year)								
262		Technical Proving and Outreach	0	300,000	312,000					
263	RW-0155	Armstrong Ranch Annexation (Program Mgmt; Prim Des; Env. Doc) [90% split]	92,000	92,000	86,112					
264	RW-0156	Recycled Pipeline, GJMB, Coe to South Boundary (Construct) (in road shoulder)	1,550,000	1,794,000	1,865,760					
265	RW-0156	Recycled Trunk Main and Booster, MRWPCA to Normandy	200,000	200,000	200,000					
266	RW-0156	Recycled Trunk Main and Booster, MRWPCA to Normandy	21,325,000	22,896,300	23,812,152					
267	RW-0156	Blackhorse Reservoir	5,387,500	5,784,500	6,015,880					
268										
270	GW-0157	Regional Desalination - Construction (Armstrong Ranch alt) [90% split]	34,220,000	36,734,600		37,189,286				
271	RW-0156	Construction - Recycled Water	37,000,000	42,823,000			48,170,051			
272	RW-0156	Recycled Laterals-Ord	6,192,000	6,648,300			7,478,433			
273	RW-0156	Recycled Main thru Marina Heights (upsize)	2,397,600	2,574,300			2,895,737			
274	RW-0156	Recycled Lateral thru University Villages (upsize)	1,440,000	1,546,200				1,808,835		
275	RW-0159	Marina Airport / Imjin Road Recycled Water Pipeline (design)	2,150,000	2,308,500				405,093		
276	RW-0159	Marina Airport / Imjin Road Recycled Water Pipeline (construct)	2,150,000	2,308,500					2,387,347	
277		Recycled Water - Phase 2 Preliminary Design	100,000	100,000						126,532
278										
280		RUWAP TOTAL			35,798,104	39,241,638	58,544,222	2,213,928	2,387,347	126,532

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

EXHIBIT W-3

	Adopted FY 2008-2009	Proposed FY 2009-2010
Number of water services		
# Flat Rate Customers	2,354	2,354
# Metered Customers	1,927	2,015
Total Customers	4,281	4,369
Annual Water Usage (in AF)		
Metered use	1,250	1,310
Unmetered use / Losses	1,350	1,350
Total Water Usage	2,600	2,660
Monthly Service Charges		
Flat Rate Billing (includes capital component charge)	\$67.76	\$74.58
Metered Service Charge - 3/4" Meter	\$13.75	\$15.13
Monthly Quantity Rates		
Tier 1 (0-8 hcf)	\$1.87	\$2.06
Tier 2 (8 - 16 hcf)	\$2.63	\$2.89
Tier 3 (16+ hcf)	\$3.39	\$3.73
Monthly Capital Surcharge (per EDU)	\$20.00	\$20.00
Annual Revenue Calculations		
Flat Rate Accounts	1,950,000	1,990,000
Metered Accounts	2,090,000	2,420,000
Capacity Fee (\$2,800 per EDU)	15,000	40,000
Capital Surcharge Revenue		7,200
Other Fees & Charges	33,800	56,300
A Total Operating Revenue	\$4,088,800	\$4,513,500
B Financing	5,337,132	9,495,999
D Non-operating Revenue (Interest Income)	750,000	432,000
E TOTAL REVENUE (A through D)	\$10,175,932	\$14,441,499
F Operating Expenditures	3,532,343	3,828,489
G2 CIP Projects	5,337,132	9,495,999
G3 General Capital Outlay	39,320	108,800
I Costs for Bond Issuance	0	0
J1 Debt Service	298,640	309,933
K Capital Replacement Reserve Fund	200,000	200,000
L Payments to Land Use Jurisdictions/FORA		
Reimb. to Land Use Agencies (5% of OR)	110,000	110,000
FORA Admin/Liaison Fees	25,000	25,000
Reimbursements to FORA (5% of OR)	170,000	170,000
Mmbrshp on FORA Bd. of Directors (1% of OR)	35,000	37,000
M TOTAL EXPENDITURES (F through L)	\$9,747,435	\$14,285,221
NET REVENUE (E-M)	\$428,497	\$156,278

EXHIBIT W-4

MONTHLY WATER RATES FOR REGION SURROUNDING THE ORD COMMUNITY

Revised April 1, 2009

TYPE OF FEE	CAL-AM ¹	California Water Service Company	MCWD City of Marina ²	City of Seaside	City of Del Rey Oaks (Cal-Am)	FY 09/10 MCWD Ord Community ³	Median Rates
Quantity Rate per 100 cu.ft.							
1st tier	\$1.7190	\$1.5819	\$1.93	\$3.35	\$1.7190	\$2.06	\$1.82
2nd tier	\$3.4381	\$1.6651	\$2.35	\$7.25	\$3.4381	\$2.89	\$3.16
3rd tier	\$5.1572	\$1.8650	\$4.29	\$11.75	\$5.1572	\$3.73	\$4.72
4th tier	\$6.8762			\$16.75	\$6.8762		\$6.88
5th tier	\$13.7524			\$23.00	\$13.7524		\$13.75
6th tier				\$30.00			\$30.00
Breakpoint for 1st tier	350	600	800	400	350	800	500
Breakpoint for 2nd tier	700	1,200	1,600	1,000	700	1,600	1,100
Breakpoint for 3rd tier	1,050	1800+	1600+	2,000	1,050	1600+	1,600
Breakpoint for 4th tier	1,400			3,000	1,400		
Breakpoint for 5th tier	2,800 +			4,000	2,800 +		
Breakpoint for 6th tier				4,000 +			
Meter Service Charge per month							
3/4-inch	\$10.86	\$20.25	\$15.87	\$15.78	\$10.86	\$15.13	\$15.46
Service Charge (hcf)	0.9846	0.152			0.9846		\$0.98
Service Charge (monthly)	-				-		
Surcharges	6.75				6.75		\$6.75
For illustrative purposes only, monthly rates based on 13 hcf/month, or 0.358 acre feet/year	\$83.70	\$43.58	\$43.06	\$107.93	\$83.70	\$46.06	\$60.74

1. Zone 1 \$0.2693 per ccf; Zone 2 \$0.4682

2. Proposed rates as of July 1, 2009.

3. Proposed rates as of July 1, 2009.

2008 Ord Community Water Consumption vs. Allocation (in Acre Feet per year)

EXHIBIT W-5

Entity	2007 Consumption	2008 Consumption	Fort Ord Reuse Plan Allocation (AFY)	% of
OMC				
Nonresidential	46	39		
Residential	153	130		
Residential (e)	410	410		
Irrigation	32	39		
Subtotal	641	618	1,577.0 (1) (4)	39%
Construction Water - Army	0	4		
CSUMB				
Main Campus	78	53		
CSUMB Housing (metered)	17	16		
CSUMB Housing (e)	380	380		
CSUMB Irrigation	35	35		
CSUMB Irrigation (e)	95	95		
Subtotal	605	579	1,035.0	56%
UC MBEST	3	2	230.0 (2)	
County	197	37	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	
Subtotal	200	39	1,302.5	3%
Seaside				
Golf Course	21	1		
MPJSD	89	127		
Brostrom	64	66	85.0 (4)	
Thorson	63	64	120.0 (3)	
Seaside Highlands	199	205		
Monterey Bay Land, LLC	0	0	114.0 (5)	
Other	8	5	693.0 (7)	
Subtotal	444	468	1,012.0 (4)	46%
Construction Water - Seaside	7	20		
Marina				
Preston/Abrams	171	186		
Airport	5	5		
Other	172	118		
Subtotal	348	309	1,325.0 (7)	23%
Construction Water - Marina	86	14		
Total	2,331	2,051	6,251.5	33%
Assumed Line Loss	610 (8)	218 (8)	348.5 (7)	
Total Extracted	2941	2269		
Reserve	3659	4331	0 (7)	
Total	6600	6600	6,600	

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

	Adopted Budget Ord Community Wastewater Expenses FY 2008-2009	Proposed Budget Ord Community Wastewater Expenses FY 2009-2010
Administration/Management		
Personnel	\$185,528	\$211,800
Expenses	\$94,710	\$102,800
Insurance	\$13,480	\$16,200
Legal	\$12,050	\$13,300
Interest Expense	\$269,720	\$242,000
subtotal	\$575,488	\$586,100
Operations & Maintenance		
Personnel	\$186,220	\$213,640
Maintenance Expenses	\$84,340	\$39,445
Power Costs	\$53,150	\$62,250
Annual Maintenance	\$30,000	\$30,000
subtotal	\$353,710	\$345,335
Engineering Department		
Personnel	\$117,000	\$123,421
Expenses	\$1,980	\$2,908
Outside Consultants	\$14,300	\$16,800
subtotal	\$133,280	\$143,127
TOTAL	\$1,062,478	\$1,074,562

	B	G	L	M	W	X	Y	Z	AA	AB	
3	MARINA COAST WATER DISTRICT										EXHIBIT WW2
4	5-YEAR CAPITAL IMPROVEMENT BUDGET										
5			Original	JAN 2009	FY 09/10	FY 10/11	FY 11/12	FY 12/13	FY 13/14	OUT	
6	CIP #	Project Description	Cost	Cost	Proposed	Proposed	Proposed	Proposed	Proposed	YEARS	
192		Ord Community Sewer [04-00-000-000]									
194		FY 2008/2009 (Active Projects)									
196	OS-0153	Misc. Lift Station Improvements (planning)	1,454,350	1,570,400		1,698,545					
197	OS-0153	Misc. Lift Station Improvements (Construct)	704,350	760,600			855,572				
198	OS-0150	East Garrison LS Imps (Construct) [19, 24]	800,000	863,900		934,394					
199	WD-0115	SCADA System Improvements Phase I	250,000	250,000	39,000						
200	NA	Basewide Environmental Insurance [50% OW, 50% OS]	20,658	20,700	10,764	11,195	11,642	12,108			
201											
202		FY 2009/2010 (Planned Year)									
204		Clark LS Improvement (Construct)	350,000	350,000		378,560					
205	WD-0106	Corp Yard (Demolition/Construct)	450,000	450,000	65,520						
206											
208	OS-0154	Del Rey Oaks -- Collection System (Planning)	50,000	50,000		54,080					
209	OS-0147	Ord Village Sewer Pipeline & Lift Station Impr Project (Planning/Design)	45,000	48,600		52,566	101,125				
211	OS-0147	Ord Village Sewer Pipeline & Lift Station Impr Project (Construct)	471,750	509,400				595,926			
212	OS-0152	Booker, Hatten, Neeson LS Improvements Project (Design)	400,000	432,000			72,891				
213	OS-0152	Booker, Hatten, Neeson LS Improvements Project (Construct)	400,000	432,000				429,572			
214		Odor Control Project (Design/Construct)	100,000	100,000			76,491				
215		DRO LS, Gravity Sewer Main and GJMB Improvements Phase II (Design)	7,636,400	9,076,200			1,531,424				
216		DRO LS, Gravity Sewer Main and GJMB Improvements Phase II (Construct)	7,636,400	9,076,200				9,025,190			
217		Gigging LS and FM Improvements (Design)	220,560	238,200			267,943				
218		Gigging LS and FM Improvements (Construct)	1,249,840	1,349,600				1,578,841			
219		CSUMB Developments (Design) [9,14,18]	65,295	70,600				82,592			
220		CSUMB Developments (Construct) [9,14,18]	370,005	399,600					466,174		
221	WD-0115	SCADA System Improvements - Phase II	248,000	248,000		40,236					
222	WD-0115	SCADA System Improvements - Phase III	100,000	100,000		16,224					
223	WD-0115	SCADA System Improvements (construction)	337,500	337,500			54,756				
224	WD-0110	Asset Management Program - Phase II	255,000	255,000		41,371					
225	WD-0110	Asset Management Program -- Phase III	250,000	250,000			42,182				
226		Imjin LS & Force Main Improvements -- Phase I (Design)	262,500	297,300			334,422				
227		Imjin LS & Force Main Improvements -- Phase I (Construct)	1,487,500	1,684,200				1,970,276			
228	OS-0148	Marina Heights Sewer Pipeline Improvements Project (design) [6,21]	583,000	629,500				110,464			
229	OS-0148	Marina Heights Sewer Pipeline Improvements Project (construct) [6,21]	583,000	629,500					651,001		
230	OS-0149	Univeristy Villages Sewer Pipeline Replacement Projects (design) [7,11,12,15]	329,400	355,700				62,418			
231	OS-0149	Univeristy Villages Sewer Pipeline Replacement Projects (construct) [7,11,12,15]	329,400	355,700					367,849		
232		Fitch Park Sewer Improvements	88,400	95,500					116,190		
233		Seaside Resort, East & Affordable Housing Sewer Imps. Project (Design) [1,2,3]	232,500	251,100				293,751			
234		Seaside Resort, East & Affordable Housing Sewer Imps. Project (Construct) [1,2,3]	232,500	251,100					305,502		
235	OS-0151	Cypress Knolls Sewer Pipeline Improvements Project (Design)	10,440	11,300					13,748		
236	OS-0151	Cypress Knolls Sewer Pipeline Improvements Project (Construct)	59,160	63,900						80,854	
237		Parker Flats Collection System (Design)	100,000	100,000					18,250		
238		Parker Flats Collection System (Construct)	100,000	100,000						107,552	
239		Imjin LS & Force Main Improvements -- Phase II (Design)	500,000	566,200					103,330		
240		Imjin LS & Force Main Improvements -- Phase II (Construct)	500,000	566,200						608,960	
241		1st Ave Sewer Pipeline Replacement Project [2020]	285,200	308,000						389,718	
242		Gen'l Jim Moore Sewer Pipeline Replacement Project [2020]	34,800	37,600						47,576	
243		Gen'l Jim Moore Sewer Pipeline Replacement Project III [2020]	131,000	141,500						179,043	
244		MRWPCA Buy-In	8,300,000	8,300,000						10,502,148	
245		DRO LS, Force Main and GJMB Improvements Phase I (Design)	1,347,600	1,601,700					292,307		
246		DRO LS, Force Main and GJMB Improvements Phase I (Construct)	1,347,600	1,601,700						1,722,662	
247		2011 Ord Wastewater Master Plan	225,000	225,000			253,094				
248											
249		TOTAL - Ord Community Sewer			115,284	3,227,170	3,601,542	14,161,138	2,354,351	13,638,513	

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

EXHIBIT WW-3

		Adopted FY 2008-2009	Proposed FY 2009-2010
	Estimated # of EDU's	5,260	5,340
	Flat Rate Billing per EDU	\$20.97	\$22.60
	Monthly Capital Surcharge (per EDU)	\$5.00	\$5.00
	Annual Revenue - Flat Rate Billing	1,323,450	1,448,000
	Capacity Fee (\$2,100 per EDU)	2,000	20,000
	Capital Surcharge Revenue		800
	Other Fees & Charges	1,000	9,800
A	Total Operating Revenue	1,326,450	1,478,600
B	Financing	1,000,220	115,284
C	Non-Operating Revenue (Interest Income)	300,000	146,000
D	TOTAL REVENUE (A+B+C)	\$2,626,670	\$1,739,884
E1	Operating Expenditures	1,050,478	1,062,562
F1	CIP Projects	1,000,220	115,284
F2	General Capital Outlay	5,460	16,800
F3	Costs for Bond Issuance	0	0
F4	Debt Service (principal)	95,920	171,285
G	Capital Replacement Reserve Fund	100,000	100,000
H	Reimb. To Land Use Agencies (5% of OR)	12,000	12,000
I	TOTAL EXPENDITURES (E through H)	\$2,264,078	\$1,477,931
J	NET REVENUE (D-I)	\$362,592	\$261,953

EXHIBIT WW-4

MONTHLY WASTEWATER COLLECTION RATES FOR REGION SURROUNDING THE ORD COMMUNITY

Revised March 12, 2009

SERVICE DESCRIPTION	City of Pacific Grove ¹	City of Monterey ²	City of Salinas ³	SCSD City of Seaside ⁴	SCSD City of Del Rey Oaks ⁵	MCWD City of Marina ⁶	FY 08/09 MCWD Ord Community ⁷
Residential - per Living Unit	\$21.50	\$5.02	\$3.76	\$6.79	\$6.79	\$7.70	\$22.60
Business - 15 employees	\$30.20	\$7.05	\$5.29	\$9.54	\$9.54	\$11.55	\$33.90
Church - over 100 members	\$30.20	\$7.05	\$5.29	\$9.54	\$9.54	\$7.70	\$22.60
Laundromat - each washing machine	\$12.30	\$2.87	\$2.15	\$3.89	\$3.89	\$4.62	\$13.56
General Hospital - each bed	\$34.00	\$7.94	\$5.95	\$10.74	\$10.74	\$6.16	\$18.08
Motel/hotel - each room	\$9.30	\$2.17	\$1.63	\$2.94	\$2.94	\$1.93	\$5.65
Restaurant - each seat	\$4.30	\$1.00	\$0.75	\$1.36	\$1.36	\$0.54	\$1.58
High School/University - each student/faculty	\$0.40	\$0.09	\$0.07	\$0.13	\$0.13	\$0.54	\$1.58
Supermarket - 30 Employees	\$152.70	\$35.66	\$26.72	\$48.25	\$48.25	\$23.10	\$67.80

¹Rate is 200% of MRWPCA rate

²Rate is 46.7% of MRWPCA rate

³Rate is 35% of MRWPCA rate

⁴Rate is 63.2% of MRWPCA rate

⁵Rate is 63.2% of MRWPCA rate

⁶Rate is \$7.70 per Equivalent Dwelling Unit (71.6% of MRWPCA rate - Residential Rate) is proposed for FY 2009/2010

⁷Rate is \$22.60 per Equivalent Dwelling Unit (210.2% of MRWPCA rate - Residential Rate) is proposed for FY 2009/2010

As District customer base grows in the next few years, the monthly wastewater collection rate could possibly be reduced.