# **REGULAR MEETING**

# FORT ORD REUSE AUTHORITY (FORA) WATER/WASTEWATER OVERSIGHT COMMITTEE Wednesday, March 28, 2018 at 9:30 a.m.

920 2<sup>nd</sup> Avenue, Suite A, Marina CA 93933 (FORA CIC)

# **AGENDA**

- 1. CALL TO ORDER/ESTABLISHMENT OF QUORUM
- 2. PLEDGE OF ALLEGIANCE
- 3. ACKNOWLEDGEMENTS, ANNOUNCEMENTS AND CORRESPONDENCE
- 4. PUBLIC COMMENT PERIOD

Members of the public wishing to address the Committee on matters within its jurisdiction, but not on this agenda, may do so for up to 3 minutes and will not receive Committee action. Whenever possible, written correspondence should be submitted to the Committee in advance of the meeting, to provide adequate time for its consideration.

- APPROVAL OF MEETING MINUTES
  - a. February 28, 2018 Meeting Minutes

**ACTION** 

6. BUSINESS ITEMS

Business items are for Committee discussion, debate, direction to staff, and/or action. Comments from the public are not to exceed 3 minutes or as otherwise determined by the Chair.

a. 2018-19 Ord Community Draft Budget & CIP

INFORMATION/ACTION

b. Three Party Planning Water Augmentation Study Status

INFORMATION

- 7. ITEMS FROM MCWD
- 8. ITEMS FROM MEMBERS

Receive communication from Committee members as it pertains to future agenda items.

9. ADJOURNMENT

**NEXT MEETING: April 11, 2018** 

# FORT ORD REUSE AUTHORITY WATER/WASTEWATER OVERSIGHT COMMITTEE MEETING MINUTES

920 2<sup>nd</sup> Avenue, Suite A, Marina CA 93933 | FORA CIC 9:30 a.m., Wednesday, February 28, 2018

### 1. CALL TO ORDER

Chair Riedl called the meeting to order at 10:00 a.m.

The following were present: AR = After Roll Call

# **Committee Members:**

Rick Riedl, City of Seaside Steve Matarazzo, UCSC Dino Pick, City of Del Rey Oaks Mike Lerch, CSUMB

## **FORA Staff:**

Steve Endsley Jonathan Brinkmann Peter Said Heidi Lizarbe

# **Other Attendees:**

Derek Cray, MCWD Mike Wegley, MCWD Patrick Breen, MCWD Kelly Cadiente, MCWD Doug Yount, Shea Homes

- 2. PLEDGE OF ALLEGIANCE led by Dino Pick
- 3. ACKNOWLEDGEMENTS, ANNOUNCEMENTS, AND CORRESPONDENCE
- 4. PUBLIC COMMENT PERIOD
- 5. APPROVAL OF MEETING MINUTES
  - a. <u>MOTION</u>: Mike Lerch moved to approve the February 14, 2018 Water/Wastewater Oversight Committee (WWOC) minutes. Seconded by Steve Matarazzo.

**MOTION PASSED: UNANIMOUSLY** 

## 6. BUSINESS ITEMS

a. MCWD Master plan status and review of DRAFT 5-year CIP

**INFORMATION** 

Mike Wegley of MCWD reviewed the Master Plan and the Draft 5-year CIP, noting the Master Plan has yet to be completed and will be brought back to the Committee once completed. Mr. Wegley responded to questions and comments from the Committee in reference to capacity charges.

**MOTION:** Mike Lerch moved to have the Bartle Wells Associates Doucument included with the minutes for the WWOC. Seconded by Dino Pick

# **MOTION PASSED: UNANIMOUSLY**

Quorum was lost a 10:31am, this item was for information only.

**b**. MCWD Mid-Year INFORMATION

Ms. Kelly Cadiente of Marina Coast Water District (MCWD) provided the Committee with the Mid-Year Budget Report. Ms. Cadiente responded to questions and comments from the Committee.

c. Three Party Planning Water Augmentation Study Status

**INFORMATION** 

Peter Said provided background and status on the item. The committee requested further review of the scope of work. Mr. Said responded to comments and questions from the Committee.

## 7. ITEMS FROM MCWD

None.

# 8. ITEMS FROM MEMBERS

## 9. ADJOURNMENT

Chair Riedl adjourned the meeting at 11:20 A.M.

**NEXT MEETING: March 14, 2018** 



1889 Alcatraz Avenue Berkeley, CA 94703 510 653 3399 fax: 510 653 3769

e-mail: bwa@bartlewells.com

TO:

Suresh Prasad

Marina Coast Water District

FROM:

Tom Gaffney

DATE:

June 14, 2005

SUBJ:

Ord Community water and wastewater operating revenues, capacity

charges and capital surcharges

MCWD currently finances Ord Community water and wastewater capital expenses on a pay-as-you-go basis funded by capital component surcharges to existing users. Current studies and discussions with FORA staff and consultants, developers, and local planning agency representatives have resulted in a proposed plan to finance all capital expenses with a combination of capacity charges, capital surcharges and operating rates. The capital expansion projects would be funded from a combination of capacity charges and capital surcharges to new development. The share of project costs related to repairs and replacements would be funded from operating revenues.

We proposed that the District wrap its current capital component charges into its operating rates. By doing so, the District is able to maintain its current operating rates without any increases for FY 2005/06. The current level of operating rates would continue and fund operation and maintenance including repairs and replacements. Eventually, rates and charges to all customers would require adjustments to account for cost escalation. Maintaining the current level of rates and charges and applying the full amount to operations gives the District flexibility to fund expenses as well as provide additional security and debt service coverage.

Citigroup has developed a capital financing program that relies on a combination of bond proceeds and pay-as-you-go financing. The District's water and wastewater operating rates would fund O&M and repairs and replacements. Expansion capital projects would be funded from capacity charges and capital surcharges to new development. The Citigroup projections are based on estimated annual growth rates developed by the local planning agencies and compiled by FORA. Citigroup has consistently stated that its analysis is very sensitive to annual growth projections. If growth does not follow these projections, the capacity charges and surcharges would need to be reviewed.

Note that the Citigroup financing projections include revenues from all three sources. Any adjustment to one of the sources would require compensating adjustments from either or both of the other revenue sources.

#### **MEMORANDUM**

#### Marina Coast Water District

**DATE:** June 14, 2005

TO:

Board of Directors

CC:

Mike Armstrong, General Manager

FROM:

Suresh Prasad, Director of Finance

SUBJECT:

Alternatives for Capital Project Revenues Study

Director Nishi requested a copy of the Alternatives for Capital Project Revenues Study on Ord Community prepared by Bartle Wells Associates (BWA). Attached is a copy of the BWA Study The Study was first provided to the MCWD Board on October 13 and then on October 27, Tom Gaffney from BWA presented the Study to the Board.

Since the meetings in October, staff and Bartle Wells Associates continued to test various assumptions and data and made several modifications to the (spreadsheets) tables included in the Study. Ultimately, the BWA information and data was provided to Citigroup and incorporated in the Citigroup Financing Study. The Citigroup study was presented to MCWD Board on May 25, 2005.

I will be happy to answer any additional questions you might have.

Attachments: Alternative for Capital Project Revenues, prepared by Bartle Wells Associates

# **DRAFT**

# Marina Coast Water District Alternatives for Capital Project Revenues

October 2004

Bartle Wells Associates 1889 Alcatraz Ave. Berkeley CA 94703 Tele: 510-653-3399

# Introduction

The Marina Coast Water District (District) provides water and wastewater services within the Marina area and within the Ord Community (the former Fort Ord army base). The following discussion pertains only to the Ord Community service area.

The District does not presently generate capital revenues within the Ord Community service area for expansion projects through traditional means such as capacity charges to new development. Rather, the District uses a "pay-as-you-go, rate-based" model, assessing existing customers a "capital component charge" per each hundred cubic feet of water consumed, and a monthly flat rate on wastewater collection bills.

The current model was developed in response to the unique relationship between the District and the Fort Ord Reuse Authority (FORA). The District owns and operates the water and wastewater collection utilities in the Ord Community through an agreement between the two agencies. The current capital revenue generation model implements FORA's philosophy to encourage new development. The model relies on FORA growth projections and provides the financing needed for the projects necessary to support this growth.

Given the currently estimated compressed timeline of developer projects and the potential effect to Ord Community ratepayers, the District wants to review and assess its present situation and identify and evaluate alternative expansion capital generation strategies. This review will be presented to the District and FORA Boards of Directors for consideration and possible action.

The method for generating capital revenues must be:

- Appropriate for the District and FORA
- Able to generate sufficient capital for expansion projects
- Easy for District staff to administer; and
- Understandable to the community

The project cost estimates and cost allocations used to develop the capacity charge alternatives in this report are still under review and development by the District. The District's capital improvement programs will be completed within the next several months. In the meantime, preliminary project cost estimates and allocations among those benefiting are used in this report to demonstrate the impacts of expansion capital revenue alternatives. Once an alternative is selected the more refined capital costs and allocations will be used to establish the actual capacity charge.

# **Capacity Charges**

Typically, capacity charges are levied to new customers to recover the capital costs for facilities needed to serve growth. Capacity charges recover costs for future projects that must be constructed to expand facilities, as well as the costs of capacity in existing facilities that is available to benefit and serve new customers. The charges must be reasonable and non-arbitrary, and based on facility capital costs, user demand, flows and loads, and system capacity. A variety of methods may be used to determine the appropriate capacity charge.

California Government Code Section 66013 deals with water and sewer capacity charges. The Code states that such fees or charges shall not exceed the estimated reasonable cost of providing the service for which the fees or charges are imposed.

# Capital Facilities

Establishment of an equitable capacity charge requires the District to identify the capital facilities required to serve a new user. Often new facilities also include capacity that will serve existing users. In this case the costs of such facilities would be shared among current as well as future users. Allocation of facilities to accommodate future demand should consider the following:

- The share and value of existing facilities available for use by future growth
- Cost of planned capital improvements providing additional capacity for future growth

 Special facilities that benefit only one or a few developers and don't provide general benefit throughout the service area.

In an effort to maintain, improve, and expand facilities in the Ord Community, the District is preparing a capital improvement program (CIP) for water and wastewater projects. The general categories of CIP projects are discussed below:

**District-Wide General Benefit Projects** – These projects serve both the Marina service area as well as the Ord Community service area. An example includes the corporation yard project. All current users as well as future users in both Marina and Ord Community would share costs for projects in this category.

Ord Community General Benefit Projects – Projects in this category provide a benefit to current and future users in the Ord Community. An example of a project in this group would be a well in the Ord Community service area. Project costs would be shared among current as well as future Ord Community area users.

Ord Community Limited Benefit Projects – Projects in this category provide a benefit only to future users in the Ord Community. Such projects also benefit all future users equally. An example of a project in this group would be a project adding capacity needed by future development, but not required by current users. Project costs would be shared only among all future Ord Community area users.

Ord Community Special Benefit Projects – These projects serve only a limited and identifiable number of development projects. An example would be the Del Rey Oaks water transmission line. Project costs would normally be funded by the development being served by the project.

**In-Tract Projects** – Includes infrastructure that is required to meet a development's requirements within the development service area including facilities such as sewer lines and manholes and water distribution lines and meters. These costs will be financed totally by developers.

Refurbishment and Repair Projects – This category of project is not included in the capacity charge alternatives. Such projects are funded by current users through rates on a pay-as-you-go basis. Refurbishment and replacement projects are operating costs of the District. If a replacement project also includes capacity for expansion required for development needs, then a proportionate share of project costs may be included as an integral part of capacity charge costs.

# **Reimbursement Agreements**

A reimbursement arrangement is a useful method for a public agency to allow a developer to finance a special benefit or other project that the agency can not or should not finance. Often a public agency has a capital improvement program that is beyond the capabilities of current customers to finance. In addition, there may be scheduling reasons that effect the ability of current users to finance project expansions.

Reimbursement agreements are used to refund a portion of project costs funded by a developer or developers that will also serve other future users. The agency and developers agree to special capacity charges from future customers within a project's service area. The reimbursement agreement may require a developer to finance the entire project cost. Reimbursements would be collected for the share of project costs that serve other users.

Reimbursement agreement terms and conditions – A reimbursement agreement should establish a maximum term. A limit of ten years is a sufficient term to allow reimbursements. Reimbursements extending any longer would be fully discounted. Reimbursements should be funded from a surcharge applied only to new development served by the project. The surcharge would be collected from future developers at the time of development certification and not from individual homes or users. Or, the surcharge could be collected from future benefiting customers as they connect in the form of a capacity charge surcharge or as a surcharge to water and wastewater rates. Reimbursements back to the initial developer would not include any interest component. If possible the initial developer should establish an agreement with other nearby developers to share the initial project costs. This would

eliminate or greatly reduce the need for reimbursement agreements. After the agreement term (ten years) the agreement would expire and reimbursements would no longer be collected.

# **Capital Revenue Generation Alternatives**

We have identified several alternatives in addition to the present pay-as-you-go method.

These alternatives show the impact of capital improvements on current customers and future customers.

1. Baseline: This alternative demonstrates the impact to water and wastewater rates for current customers using the current pay-as-you-go, rate based financing method. The District uses a rate model to determine the amount of the capital component surcharge on water rates and sewer charges to fund the current year's capital projects. The capital rate component was developed as an alternative to the levy of a capacity charge to new customers. The capital charge portion of water and wastewater rates may adjust annually as needed and is generally set up to fund a pay-as-you-go capital program. Expensive projects may be funded over a longer-term period or funded with debt.

In addition to the capital rate component that applies to all current users, new customers are subject to an additional one-time charge. An equalization charge is levied to new users to recover the past revenue that would have been generated from the capital rate component. Each year the equalization charge is adjusted to include the prior year's capital component amount. This insures that new users will pay the same amount of capital charges as existing users

2. Uniform Capacity Charge: This capital revenue alternative creates a uniform capacity charge to fund all projects allocated to future development over the entire Ord Community service area. Revenues from the charge would provide funding for general, limited, and special benefit facilities.

- 3. General Benefit Capacity Charge: This alternative creates a capacity charge for funding projects that provide capacity and/or benefit for all new development. In developing this charge, projects also benefit current users so costs are shared between future and current users. Such a charge would be levied over the entire Ord Community service area. The general benefit capacity charge would not include funding for special benefit projects. Special benefit projects would be funded by the developers.
- 4. Uniform Capacity Charge and Reimbursements: This alternative is essentially the same as a previous scenario, but also includes a reimbursement provision to the developer or development group for capital funding provided to fund certain limited benefit and special benefit projects. The plan would provide for a developer or development group to fund a share or all of limited and special benefit project costs, which the District identifies. In these cases the projects are required prior to any offsetting development for funding. These projects would be difficult for the District to fund without outside capital. A reimbursement procedure would be established to repay the initial developer/development group. Reimbursement would come from future developers or from future benefiting customers depending on the terms of the reimbursement arrangement.

The matrix below summarizes the source of income for the various capacity charge alternatives.

Alternative			Type of CIP	Project	
Ber		General Benefit Projects	Limited Benefit Projects	Special Benefit Projects	In-Tract Projects
Baseline	rates	rates	rates	rates	developer
Uniform Capacity Charge	pacity rates Capacity		Uniform Capacity Charge	Uniform Capacity Charge	developer
General Benefit Capacity Charge	General General Benefit rates Benefit Capacity Capacity		General Benefit Capacity Charge	developer	developer
Uniform Capacity Charge – with Reimbursement	Uniform rates Uniform Capacity Capacity Charge – with Charge		Uniform Capacity Charge Or, developer with Reimburse- ment	developer with reimbursements	developer

# **Calculation of Alternatives**

The alternatives are based on new development paying for their share of project costs that provide system capacity and service. These capacity charges are calculated as follows:

Total project costs are determined, costs are allocated among those receiving benefit and a unit capacity charge is determined.

Table 1 shows the current and design capacities of the District's Ord Community water and wastewater facilities. These capacities are used to allocate facility costs between current and future users.

Table 2 lists the value of existing facilities within the Ord Community service area. System facilities constructed by the Department of Defense (DOD) are net of depreciation. District capital improvements are at original cost. The DOD developed valuations for capacity rights and real property.

Table 3 shows the share of water facilities costs assigned to future development based on estimated capacity uses of the system. Certain facilities (district-wide general benefit) such as the corporation yard will serve the entire District service area including both Marina and Ord Community. These costs would be shared proportionally among current and future users in both service areas. Certain Ord Community general benefit facilities serve current and future users in the service area. Costs for these facilities are allocated between current and future Ord Community users. Other Ord Community facilities are required to serve an identifiable development project or area (special benefit projects). There are two alternative for allocating special benefit project costs. All costs are allocated either uniformly among all new development or general costs are allocated to all new development and special benefit costs are allocated only to those developments served.

Table 4 shows the results of the cost allocation plan. At present, the only district-wide general benefit project is the corporation yard. Ord Community general benefit projects include a wide range of new projects and a proportionate share of expansion, replacement, and upgrade facilities. Also many of the new projects are sized for expansion and serve identifiable areas. Virtually every area of the Ord Community area is served by certain special benefit projects.

Table 5 determines the amount of the capacity charge alternatives based on the proceeding discussion. The estimated applicable project costs are divided by the capacity receiving benefit. A capacity charge of over \$7,300 per acre-foot is required to fund general benefit

projects. Assuming special benefits are approximately equal for new users in the Ord Community service area results in an average special benefit of an additional \$2,370 per acre-foot. If certain development programs require more special benefit projects, then this charge could be much higher for those developments.

The wastewater alternatives are determined in exactly the same manner as that for water. Table 6 shows the share of wastewater facilities costs assigned to future development based on capacity uses of the system. The corporation yard is a district-wide general benefit project and will serve the entire District service area including both Marina and the Ord Community. Ord Community general benefit projects serve current and future users in the service area. Costs for these facilities are allocated between current and future Ord Community users. Other special benefit projects are required to serve an identifiable development project or area. Special benefit project costs may be allocated uniformly among all future development or directly allocated only to those developments served.

Table 7 shows the results of the cost allocation plan. The only district-wide general benefit project is the corporation yard. Ord Community general benefit projects include a wide range of new projects and a proportionate share of expansion replacement and upgrade facilities. Also many of the new projects are sized for expansion and serve identifiable areas. Virtually every area of the Ord Community area is served by certain special benefit projects.

Table 8 determines the amount of the wastewater capacity charge alternatives based on the proceeding discussion. The applicable project costs are divided by the capacity benefiting. A wastewater capacity charge (for 250 gallons per day of capacity) of about \$1,260 is required to fund general benefit projects. Assuming special benefit are approximately equal for new users in the Ord service area results in an average special benefit of an additional \$170 for 250 gpd of capacity.

#### **Current Financing Method**

For the Ord Community service area, the District does not currently employ a capacity charge for financing system expansions. In accordance with the agreement with FORA, the

District finances future expansion projects as well as current refurbishment and repairs from revenues collected from the current and future rate base capital charge component. New connections to the system pay an equalization charge to "catch-up" with current users that have already paid into the system's improvements.

The District employs rate models to determine the amount of the capital charge component to water and wastewater users to fund annual project capital costs. Capital charges are determined annually based on the amount of projects required. This method requires dual approvals from both the FORA and District boards and also requires a public hearing to set rates, which frequently require adjustment because of varying annual capital requirements.

Table 9 shows the present water rate model and Table 10 shows the present wastewater rate model including all of the CIP costs listed in the earlier tables. The model shows the assumptions used in developing the capital charge component.

# **Summary of Capital Revenue Alternatives**

Table 11 summarizes the water capital revenue alternatives for the Baseline, General Benefit, Uniform, and Uniform with Reimbursement capacity charge s. Table 12 provides the same summary for wastewater capacity charges.

Table 1
Marina Coast Water District - Ord Community
Flows and Capacity

Water		
Ord Community		
Current use	2,200	acre-feet
Current design flow	6,800	acre-feet
Future design flow	9,000	acre-feet
Wastewater		
Ord Community		
Current use	1.40	mgd
Current design capacity	4.30	mgd
Future design flow	5.70	mgd

Source: District information and records Wastewater NOT verified

# Table 2 Marina Coast Water District - Ord Community Existing Ord Community Facilities Valuation

Water		
System facilities - DOD District capital improvements Water rights - DOD Real property, right of way, easements - DOD Total valuation	\$1,600,000 1,000,000 57,200,000 14,100,000 73,900,000	(1)
Wastewater		
System facilities - DOD District capital improvements Wastewater capacity - DOD (2.2 mgd) Real property, right of way, easements - DOD Total valuation	1,278,000 1,000,000 15,300,000 <u>10,800,000</u> 28,378,000	(1)

Source: District and DOD records

1 - After depreciation

Table 3
Marina Coast Water District - Ord Community
Future Development's Share of Water Project Costs

Ord Community projects			
General Benefit Projects (projects benefit current users and future	ure developme	ent)	
Future Ord Community design water capacity Ord Community future development capacity Development's share of Ord Community general benefit project	cts	9,000 6,800 75.6%	acre-feet acre-feet
Limited Benefit Projects (projects benefit only future developme	ent)		
Fort Ord future development capacity Development's share of Fort Ord limited benefit projects		6,800 100.0%	acre-feet
Special Benefit Projects (projects benefit only certain developm	ent areas)		
Special benefit capacity Special benefit share	Varies, deper development configuration	and project	

k 0 1

Table 4
Marina Coast Water District - Ord Community
5-Year Water Facilities Capital Improvement Program

The second secon	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Project Share		Future Devel	st Share	
		General benefit	Limited benefit	Special benefit	General benefit	Limited benefit	Special benefit
		Shared with current users	Shared among all future	Shared among some future	75.6%		
Ord Community water projects			development	development			
FY 2003/2004							
Corp Yard Phase 1 (Master Plan)	\$845,000	100.0%			\$845,000	\$0	\$0
Deep Monitoring Well No. 2	300,000	100.0%			300,000	0	0
Construct Well 33 (Design) Construct Well 33	75,000 1,000,000	100.0% 100.0%			75,000 1,000,000	0	0
Rehab Reservoir B & F	50,000	100.0%			50,000	0	0
Replace D & E Reservoir (Design)	171,000	100.0%			171,000	0	0
Replace PRV's and Valves (Local Share)	815,000	100.0%			815,000	0	0
2nd Avenue Pipeline (12" from 12th to 8th) 2nd Avenue Pipeline (12" from 8th to Lightfighter)	378,000 663,000	100.0% 100.0%			378,000 663,000	0	0
Corp Yard Phase 1 (Master Plan)	845,000	100.0%			845,000	0	0
Demolition of Ft. Ord WWTP	25,000	100.0%			25,000	0	0
Disinfection Station - Equipment Upgrade	11,000	100.0%			11,000	0	0
JM Boulevard Pipeline Project (Design) FY 2003/2004 totals	10,000 5,188,000	20.0%		80.0%	<u>2,000</u> 5,180,000	0	8,000 8,000
FY 2004/05							
Well 33 (design & construct)	1,100,000	20.0%	80.0%		220,000	880,000	0
Replace D & E Reservoir (Design)	488,000	20.0%	80.0%		98,000	390,000	0
Replace Reservoir C2 (Design) Well Field Booster (Design & Construct)	410,000 424,000	20.0%	80.0% 80.0%		82,000 85,000	328,000 339,000	0
Corp Yard Phase 1 (Demo/Abatement)	360,000	100.0%	00.076		360,000	339,000	0
Corp Yard Phase 1 (Design/Fees)	480,000	100.0%			480,000	0	0
Disinfection Station - Equipment Upgrade	15,000		100.0%		<u>o</u>	15,000	0
18" UCMBEST MMP Security Fence at FT. Ord WWTP	10,000 40,000		100.0% 100.0%		<u>Q</u> 0	10,000 40,000	0
FY 2004/05 totals	3,327,000		100.070		1,325,000	2,002,000	0
FY 2005/06							0
Replace D & E Reservoir (Construction)	4,880,000	20.0%		80.0%	976,000	0	3,904,000
Well Field Reservoir and Booster Station(Construc		20.0%		80.0% 80.0%	502,000 820,000	0	2,010,000
Replace Reservoir C2 (Construct) Corp Yard Phase I (Construction)	4,100,000 2,700,000	20.0% 100.0%		80.0%	2,700,000	0	3,280,000
Demolition Intermediate F & Airport Reservoirs	290,000	100.070	100.0%		0	290,000	0
Calif. Street Booster	160,000		100.0%		0	160,000	0
Fire Flow Improvements	325,000		100.0%		0	325,000	0
Patton School Intertie JM Boulevard Pipeline (Construction)	124,000 504,000	20.0%	100.0%	80.0%	101,000	124,000 <u>0</u>	0 403,000
FY 2005/06 totals	15,595,000	20.070		55.670	5,099,000	899,000	9,597,000
FY 2006/07					0	0	0
Rehabilitate Well 31	785,000	20.0%	80.0%		157,000	628,000	0
Master Plan Update Zone C Transmission	100,000 3,425,000	20.0%	80.0% 80.0%		20,000 685,000	80,000 2,740,000	0
Demolish Bayview Reservoir	100,000	20.0%	80.0%		20,000	80,000	0
Zone C Booster from C2 to C1	272,000	20.0%	80.0%		54,000	218,000	0
Del Rey Oaks Transmission Line	1,969,000			100.0%	0	0	1,969,000
Intergarrison Rd Pipe Replacement Corp Yard Phase 2 (Design/Fees)	249,000 795,000	100.0%		100.0%	795,000	0	249,000 0
FY 2006/07 totals	7,695,000	100.070			1,731,000	3,746,000	2,218,000
FY 2007/08					0	0	0
Rehabilitate Well 29 Transmission Line upgrades	772,000 5,093,000	20.0% 20.0%	80.0%	80.0%	154,000 1,019,000	618,000	0
Imjim Stage II (2,800 If of 16")	346,000	25.0%	75,0%	80.0%	87,000	260,000	4,074,000
8th Street Upgrades	772,000		100.0%		0	772,000	0
Blanco/Imjin Connector	473,000		100.0%		0	473,000	0
Parker Flats Transmission Line	217,000	100 09/		100.0%	0	0	217,000
Corp Yard Phase 2 (Demo/Abatement) Regional water augmentation (additional)	395,000 10,000,000	100.0%	100.0%		395,000 0	10,000,000	0
FY 2007/08 totals	18,068,000		100.070		1,655,000	12,123,000	4,291,000
FY 2008/09	12.12.17.1		(max max)		100.000		
Golf Boulevard Transmission Line	647,000	50.0%	50.0%		324,000	324,000	0
Replace C Reservoir Replace B Reservoir	7,810,000 1,760,000	20.0% 20.0%	80.0% 80.0%		1,562,000 352,000	6,248,000 1,408,000	0
Rehabilitate D Booster	300,000	20.0%	80.0%		60,000	240,000	0
Fire Flow Improvements	765,000	20.0%	80.0%		153,000	612,000	0
Additional D/E Reservoir (Design & Construct)	3,500,000	20.0%	80.0%		700,000	2,800,000	0
Gigling Transmission from D Booster to JM Blvd Corp Yard Phase 2 (Construction)	65,000 4,600,000	50.0% 100.0%	50.0%		33,000 4,600,000	33,000	0
Rehabilitate D Booster Pump	300,000	20.0%	80.0%		60,000	240,000	0
	19,747,000	200000000000000000000000000000000000000			7,844,000	11,905,000	0
Totals	69,620,000				22,834,000	30,675,000	16,114,000

Source: Marina Coast WD (ENR-CCI, 20-City ave. = 6,825)

Table 5
Marina Coast Water District - Ord Community
Water Capacity Charge Determination

	Valuation	Acre-feet Benefitting	Value per Acre-foot
Ord Community General Benefit Capacity Charge Basic capacity charge for infill development			
Existing water system facilities	\$1,600,000	9,000	\$180
Existing District capital improvements	1,000,000	9,000	110
Ord Community general benefit facilities	22,834,000	9,000	2,540
Ord Community limited benefit facilities	30,675,000	6,800	4,510
Ord Community General Benefit Capacity Charge per acre-foot			\$7,340
Ord Community Uniform Capacity Charge All costs assigned to future development are funded equ	ally by development		
Existing water system facilities	\$1,600,000	9,000	\$180
Existing District capital improvements	1,000,000	9,000	110
Ord Community general benefit facilities	22,834,000	9,000	2,540
Ord Community limited benefit facilities	30,675,000	6,800	4,510
Ord Community special benefit facilities	16,114,000	6,800	2,370
Ord Community Uniform Capacity Charge per acre-foot			\$9,710
Ord Community Uniform Capacity Charge with Reim Special benefit costs are not shared uniformily and are s		nent arrangeme	ents
Existing water system facilities	\$1,600,000	9,000	\$180
Existing District capital improvements	1,000,000	9,000	110
Ord Community general benefit facilities	22,834,000	9,000	2,540
Ord Community limited benefit facilities	30,675,000	6,800	4,510
	ment		\$7,340
Ord Comm. Uniform Capacity Charge w/ Reimburse			

# Table 6 Marina Coast Water District - Ord Community

Future Development's Share of Wastewater Project Costs

Ord	Community	y pro	jects

General Benefit Projects (projects benefit current users and future development)

Total Ord Community design wastewater capacity

Ord Community future development capacity

5.7 mgd

4.3 mgd

Development's share of Ord Community general benefit projects

Limited Benefit Projects (projects benefit only future development)

Ord Community future development capacity

4.3 mgd

Development's share of Fort Ord limited benefit projects 100.0%

Special Benefit Projects (projects benefit only certain development areas)

Special benefit capacity

Special benefit share

Yaries, depending on development and project configuration.

75.4%

Source: Prepared by Bartle Wells Associates from District information.

Table 7
Marina Coast Water District - Ord Community
5-Year Wastewater Capital Improvement Program

		· · · · · · · · · · · · · · · · · · ·	Project Share		Future Development Project Cost Share						
	:	General benefit Shared with current users	Limited benefit Shared among all future development	Special benefit Shared among some future development	General benefit 75.4%	Limited benefit	Special benefi				
Ord Community wastewater projects											
FY 2003/2004											
Lift Stations and Abrams Road Improvs.	1,008,000	100.0%			\$1,008,000	\$0	5				
2nd Avenue Upgrades	112,000	100.0%			112,000	0					
Update Wastewater Master Plan	50,000	100.0%			50,000	0					
Corp Yard Phase 1 (Master Plan)	845,000	100.0%			845,000	<u>D</u>					
FY 2003/2004 totals	2,015,000				2,015,000	ō					
Y 2004/2005											
.ift Stations and Abrams Road (construct)	2,300,000	20.0%	80.0%		460,000	1,840,000					
Corp Yard Phase 1 (Demo/Abatement)	360,000	100.0%			360,000	0					
Corp Yard Phase 1 (Design/Fees)	480,000	100.0%			480,000	0					
Main Garrison Sewer Pipe Project (Design)	90,000	33.3%	66.7%		30,000	60,000					
Main Garrison Sewer Meter Rehab		100.0%	00,776								
	100,000	100.0%			100,000	<u>D</u>					
FY 2004/2005 totals	3,330,000				1,430,000	1,900,000					
Y 2005/2006											
Replace Trunck Sewers and Force Mains	239,000	50.0%	50.0%		120,000	120,000					
Corp Yard Phase 1 (Construction)	2,700,000	100.0%	C2420 WASTE		2,700,000	0					
Additional Lift Station Rehab	380,000	20.0%	80.0%		76,000	304,000					
lisc Lift Station Upgrades	36,000	20.0%	80.0%		7,000	29,000					
Main Garrison Sewer Pipe Project	802,000	33.3%	66.7%		267,000	535,000					
FY 2005/2006 totals	4,157,000				3,170,000	988,000					
Y 2006/2007											
th Street Upgrades	239,000	100.0%			239,000	0					
Del Rey Oaks, Transmission to Seaside SD	1,962,000			100.0%	0	0	1,962,0				
Corp Yard Phase 2 (Design/Fees)	795,000	100.0%			795,000	0					
Aisc Pump Station Upgrades	36,000	100.0%			36,000	0					
Y 2006/2007 totals	3,032,000				1,070,000	ō	1,962,0				
W 0007/0000											
Y 2007/2008 eplace Truck Sewers and Force Mains	239,000	50.0%	50.0%		120,000	120,000					
mjin Stage II	206,000	50.0%		50.0%	103,000	0	103.00				
orp Yard Phase 2 (Demo/Abatement)	395,000	100.0%			395,000	0	,.				
MRWPCA Buy-In	8,292,000	100.0%			8,292,000	0					
arker Flats Transmission Line	10,000	100.070		100.0%	0,202,000	0	10.00				
liminate Neeson LS, Install gravity line	678,000	100.0%		100.078	678,000	0	10,01				
Y 2007/2008 totals	9,820,000	100.076			9,588,000	120,000	113,00				
Y 2008/2009											
Corp Yard Phase 2 (Construction)	4,600,000	100.0%			4,600,000	0					
Marina Hotel/Golf Course/Airport	899,000	100.076		100.0%	4,600,000	0	899.00				
Replace Truck Sewers and Force Mains	239,000	50.0%	50.0%	100.0%	120,000	120.000	899,00				
Additional Lift Station Rehab		50.0%	50.0%		and the second s						
Y 2008/2009 totals	380,000 6,118,000	50.0%	50.0%		<u>190,000</u> 4,910,000	190,000 310,000	899,00				

Source: Marina Coast WD (ENR-CCI, 20-City ave. = 6,825)

Table 8
Marina Coast Water District - Ord Community
Wastewater Capacity Charge Determination

	Valuation	Gallons/day Benefitting	Value per gallon/day	Value fo 250 gpe
Ord Community General Benefit Capacity Charge Basic connection charge for infill development	je			
Existing wastewater system facilities	\$1,278,000	5,700,000	\$0.22	\$60
Existing District capital improvements	1,000,000	5,700,000	0.18	40
Ord Community general benefit facilities	22,183,000	5,700,000	3.89	970
Ord Community limited benefit facilities	3,318,000	4,300,000	0.77	190
Ord Community General Benefit Capacity Charg	e		\$5.06	\$1,260
Ord Community Uniform Capacity Charge All costs assigned to future development are funded	d equally by deve	elopment		
Existing water system facilities	\$1,278,000	5,700,000	\$0.22	\$60
Existing District capital improvements	1,000,000	5,700,000	0.18	40
Ord Community general benefit facilities	22,183,000	5,700,000	3.89	970
Ord Community limited benefit facilities	3,318,000	4,300,000	0.77	190
Ord Community special benefit facilities	2,974,000	4,300,000	0.69	170
Ord Community Uniform Capacity Charge		<i>y</i>	\$5.75	\$1,440
Ord Community Uniform Capacity Charge with R Special benefit costs are not shared uniformily and a			rangements	
Existing water system facilities	\$1,278,000	5,700,000	\$0.22	\$60
Existing District capital improvements	1,000,000	5,700,000	0.18	40
	22,183,000	5,700,000	3.89	970
Ord Community general benefit facilities	, ,			
Ord Community general benefit facilities Ord Community limited benefit facilities	3,318,000	4,300,000	0.77	190
	3,318,000	4,300,000	<u>0.77</u> \$5.06	

TABLE 9
Marina Coast Water District - Ord Community
WATER RATE MODEL AND FINANCIAL PLAN (FORA PROJECTIONS)
ORD COMMUNITY WATER RATE MODEL

Inputs	Ž	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/010	2010/1
Beginning Year	2,004								
Input O&M Expenses (click right)			1-1-1						
Payments to FORA (click right)									
Fort Ord CIP - pay-as-you-go		0		<b> </b>	e::::::::::::0:	\$\$40 A A A	0 - 18 - 18	September 1995 C	
Fort Ord CIP - bond financed		2,671,190	3,327,000	15,595,000	7,695,000	18,068,000	19,747,000	1,000,000	1,000,00
Revenue adjustment		245367	154,230	7 (	0 - C - C - C - C - C - C - C - C - C -			DRAMES STORY	in demonstrate
Escalation factor @	3%	1.00	1.03	1.06	1.09	1.13	1.16	1.19	1.23
Interest earnings rate	3%								
Bond interest earning rate	6%								
Bond term (years)	- 20								A Committee of the comm
Quarter bonds are issued	1								
Flat rate EDUs (2003/04)	2,716	2,716	1,466	1,466	1,466	1,466	1,466	1,466	1,466
Metered EDUs (2003/04)	2,700	2,720	2,783	3,693	4,876	6,146	6,836	7,406	7,641
Total customers	5,416	5,436	4,249	5,159	6,342	7,612	8,302	8,872	9,107
New flat rate EDUs per year			(1,250)	eranthebynk	SECTION OF THE SECTIO				
New metered EDUs per year		20	63	910	1,183	1,270	690	570	235
Metered water usage (Enter Acre Ft.)	850	370,260	378,836	502,710	663,746	836,624	930,551	1,008,142	1,040,131
Portion of usage billed in tier 1	50%	ACCEPTANCE.	State State Land		edyjaan erjaan agjan	CHARACTERS.		Mary Carlotter Carlo	1
Portion of usage billed in tier 2	30%	7.2							
Portion of usage billed in tier 3	20%	Katingsa, is			kala dagawa				
Unmetered water usage (Enter Acre Ft.)	1,395	607,662	327,994	327,994	327,994	327,994	327,994	327,994	327,994
			Company of the Property			E FRANKS			
Charges									
Volume charge - base rate	\$12.50	12.50	12,50	12.50	12.50	12:50	12.50	12.50	12.50
Increase applied to base rate		\$0.00	\$0,00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Volume charge - 1st tier	\$1.00	1.00	1.00	1.00	1.00	1.00	1.00	1,00	1.00
Increase applied to tier 1	5.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0,00
Volume charge - 2nd tier	\$1.69	1.69	1,69	1.69	1.69	1.69	1.69	1.69	1.69
Increase applied to tier 2	T-49	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0:00	\$0.00
Volume charge - 3rd tier	\$0.00	<b>经上海中一级</b>	2.38	2.38	2.38	2.38	2.38	2.38	2.38
Increase applied to tier 3		\$0.00	\$2.38	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Flate rate charge	\$47.50	\$47.50	\$67.72	\$67.42		\$80.38	\$107.00	\$102.14	\$109.04
Capital component charge	\$0.70	0.70	1.55.	1.54	1.48	2.25	3.71	3,44	3.82
Equalization charge	\$210:00	210	336	594	842	1,073	1,417	1,978	2,496
Available Funds									
Beginning Year Balance	\$ -	\$ -	\$ 354,000	\$ (75,000)	\$ (262,000)	\$ (114,000)	\$ 573,000	\$ 1,749,000	\$ 3,025,000
End Balance		\$ 354,000	\$ (75,000)	\$ (262,000)	\$ (114,000)	\$ 573,000	\$ 1,749,000	\$ 3,025,000	\$ 4,416,000
Debt service coverage		2.58	0.15	0.90	1.06	1.17	1.21	1.22	1.24

		2003/04		2004/05		2005/06		2006/07		2007/08		2008/09		2009/010		2010/11
Beginning balance*	\$	-	\$	354,000	\$	(75,000)	\$	(262,000)	\$	(114,000)	\$	573,000	\$	1,749,000	\$	3,025,000
Revenues																
Flat rate accounts (not incl cap charge)	\$	1,132,000	S	778,000	\$	775,000	\$	763,000	S	924,000	\$	1,230,000	\$	1,174,000	\$	1,253,000
Metered rate	*	408,000	•	417,000	*	554.000	-	731,000		922,000	•	1,025,000	•	1,111,000	*	1,146,000
Metered volume		373,000		562,000		746,000		984,000		1,241,000		1,380,000		1,495,000		1,543,000
Capital charge components		676,000		900,910		1,266,000		1,455,000		2,601,000		4,638,000		4,571,000		5,196,000
Equalization charge		4,000		(398,910)		541,000		996,000		1,362,000		977,000		1,128,000		587,000
Other fees and charges		25,000		25,000		25,000		25,000		25,000		25,000		25,000		25,000
Interest earnings		20,000		9,000		20,000		20,000		20,000		14,000		44,000		76,000
Bond proceeds		2,671,190		3,327,000		15,595,000		7,695,000		18,068,000		19,747,000		1,000,000		1,000,000
Total	-	\$5,289,000	_	\$5,620,000	-	\$19,502,000	-	\$12,649,000	-	\$25,143,000		\$29,036,000	_	\$10,548,000	_	\$10,826,000
		\$3,269,000		\$5,620,000		\$19,302,000		\$12,049,000		\$25,145,000		\$29,030,000		\$10,546,000		\$10,020,000
Expenses																
Operating Expenses								2.000.00								
Administration	\$	453,000	\$	483,406	\$	498,000	\$		\$	528,000	\$	544,000	\$		\$	577,000
Operation and maintenance		991,000		905,547		933,000		961,000		990,000		1,020,000		1,051,000		1,083,000
Laboratory		106,000		135,757		140,000		144,000		148,000		152,000		157,000		162,000
Conservation		63,000		137,445		142,000		146,000		150,000		155,000		160,000		165,000
Engineering		129,000		240,267		247,000		254,000		262,000		270,000		278,000		286,000
Capital improvement projects		2,671,190		3,327,000		15,595,000		7,695,000		18,068,000		19,747,000		1,000,000		1,000,000
Debt service		224,000		502,000		1,807,000		2,451,000		3,963,000		5,615,000		5,699,000		5,783,000
Payment to FORA																
Reim. to land use agency (5% of OR)		124,000		132,896		137,000		141,000		145,000		149,000		153,000		158,000
FORA Admin/Liaison fees		25,000		25,000		26,000		27,000		28,000		29,000		30,000		31,000
Reim. to FORA (5% of OR)		124,000		132,896		137,000		141,000		145,000		149,000		153,000		158,000
Mmbrshp on FORA BOD (1% of OR)	-	25,000	_	26,579	-	27,000	-	28,000	_	29,000	-	30,000		31,000	_	32,000
Total	\$	4,935,000	\$	6,049,000	\$	19,689,000	\$	12,501,000	\$	24,456,000	\$	27,860,000	\$	9,272,000	\$	9,435,000
Net revenue	\$	354,000	\$	(429,000)	\$	(187,000)	\$	148,000	\$	687,000	\$	1,176,000	\$	1,276,000	\$	1,391,000
Ending balance	\$	354,000	\$	(75,000)	\$	(262,000)	\$	(114,000)	\$	573,000	\$	1,749,000	\$	3,025,000	\$	4,416,000
Capital Component Excess	\$	452,000	\$		\$	-	S	-	\$	-	\$	-	\$	-	\$	-
Operating Revenue Excess	\$	(98,000)	\$	(429,000)	\$	(187,000)	\$	148,000	\$	687,000	\$	1,176,000	\$	1,276,000	\$	1,391,000
*Estimated share of District reserves																

\*Estimated share of District reserves Source: Prepared by Bartle Wells Associates

TABLE 10 Marina Coast Water District - Ord Community WASTEWATER RATE MODEL AND FINANCIAL PLAN (FORA PROJECTIONS) ORD COMMUNITY WASTEWATER RATE MODEL

	1	2002/0		2004/05		2005/06		2006/07	,	2007/08		2008/09		2009/010		2010/1
Inputs	19160 1986 698	2003/0	4	2004/05	) 	2005/06	100	2006/07	5. AVA	2007/08	740	2008/09	1173	2009/010	A W	2010/1
Beginning Year	1905						20		( ) ( )						-	
Input Expenses (click right)	ett, jato an targrapas t												5.0			
Interest earnings rate	2.00%				Turky	wolfen. I							114			
Bond interest earning rate	6.00%															
Bond term (years)	20				4.1								1.4			
EDUs (2003/04)	4,723	4,723	3	4,786		5,696		6,879		8,149		8,839		9,409		9,644
New EDUs per year	0	20	)	63		910	Mr.	1,183		1,270		690	ř.,	570		235
Escalation factor @	3%	1.00	)	1.03		1.06		1.09		1.13		1.16		1,19		1.23
Annual revenue adjustment		10200	0	87,000				aletaria.			32	STATE OF				-dia-land
Fort Ord CIP - bond financed		1,013,394	100 mg	3,330,000	201	4,157,000		3,032,000		9,820,000	, e	6,118,000		1,000,000		1,000,000
Debt Asuumptions	1										2,00					
Quarter bonds are issued	V-50000001						124									
Issuance factor	1.00		JEF.							1	1.		100			
Fort Ord CIP - pay-as-you-go	1					.ur.							43			
Flat rate increase		00	6	17%		3%		3%		16%		1%		0%		0%
		-	-													
Charges (% increase click right)																
Monthly flat rate billing-\$/EDU		\$ 11.00	Contract of	12,87	\$	13.26	\$	13.65	\$	Service Services	\$		\$	the state of the s	\$	16.00
Monthly capital charge-\$/EDU	6.00	5.00		8.39	100	7.10	5	6.92	-	13.20		18.62	1,00	17.78		20.07
		6.00		6.41	_	7.10	-	6.92	_	13.20	_	18.62		17.78	_	20.07
Total monthly charge - \$/EDU		17.00	13.0	21.26	110	20.35		20.57	933	29.04	1000	34.62		33.78		36:07
Annual equalization charge-\$/EDU	109:00	\$ 109.00	\$	181.00	\$	281.70	\$	366.84	\$	449.85	\$	608.28	\$	831.72	\$	1,045.13
		A				the state of the s			-	- Indiana - Indi		***************************************				
Available Funds																
Beginning balance	0															
Less incumbrances	0															
Total available funds	0	\$ -	\$	204,398	\$	265,574	\$	463,574	\$	864,574	\$	1,672,574	\$	2,620,574	\$	3,672,574
Ending balance		\$ 204,398	\$	265,574	\$	463,574	\$	864,574	\$	1,672,574	S	2,620,574	\$	3,672,574	\$	4.765,574
Debt service coverage		3.3	2	1.16		1.27		1.40		1.43		1.40		1.42		1.43
		Budget		20000000						1 1 1						
		2003/04		2004/05		2005/06	_	2006/07		2007/08		2008/09		2009/010		2010/11
Revenues Flat rate revenue		6 000 000	•	740,000	•	000 000	•	4 407 000		4 540 000	•	4 007 000	•	4 000 000	~	4 054 000
		\$ 623,000	\$	749,000	\$	906,000	\$	1,127,000	\$	1,549,000	\$	1,697,000	\$	1,806,000	\$	1,851,000
Capital charge Equalization charge		238,000		368,000 11,000		485,000 256,000		571,000 434,000		1,291,000 571,000		1,975,000		2,008,000		2,323,000
		The Control of Control of						and the second second second second				420,000		474,000		
Bond proceeds		1,013,394		3,330,000		4,157,000		3,032,000		9,820,000		6,118,000		1,000,000		1,000,000
Other		25,000		25,000		25,000		25,000		25,000		25,000		25,000		25,000
Interest earnings		0 4 004 004	-	4,000	6	5,000	-	9,000	-	17,000	-	33,000	-	52,000	*	73,000
Total		\$ 1,901,394	\$	4,487,000	\$	5,834,000	\$	5,198,000	4	13,273,000	\$.	10,268,000	\$	5,365,000	\$	5,518,000

Administration Operation and maintenance	\$ 183,50 293,38		184,913 337,798	\$	190,000 348,000	\$	196,000 358,000	\$	202,000 369,000	\$	208,000 380,000	\$	214,000 391,000	\$	220,000 403,000	#DIV/0!	#DIV/0!
Lab		-	-		-				-		-		-		-		
Construction		_			-				-								
Engineering	74,61	7	138,263		142,000		146,000		150,000		155,000		160,000		165,000		
Payback of existing internal loans		-	-		-		-		-		-		-		-		
CIP - funded by bonds	1,013,39	4	3,330,000		4,157,000		3,032,000		9,820,000		6,118,000		1,000,000		1,000,000		
CIP - pay-as-you-go		-	-		-		-				-		-		-		
Debt service	0,88	00	379,000		741,000		1,005,000		1,862,000		2,395,000		2,482,000		\$2,569,000		
Sewer franchise	44,10	0	55,850	-	58,000	-	60,000	_	62,000	_	64,000	-	66,000	-	68,000		
Total	\$ 1,696,99	6 \$	4,425,824	\$	5,636,000	\$	4,797,000	\$	12,465,000	\$	9,320,000	\$	4,313,000	\$	4,425,000		
Net revenue	\$ 204,39	8 \$	61,176	\$	198,000	\$	401,000	\$	808,000	\$	948,000	\$	1,052,000	\$	1,093,000		
Ending balance	\$ 204,39	8 \$	265,574	\$	463,574	\$	864,574	\$	1,672,574	\$	2,620,574	\$	3,672,574	\$	4,765,574		
Capital Component Excess	152,00	0	-		-		-		-		-		-		-		
Operating Revenue Excess	\$ 52,39	8 \$	61.176	\$	198,000	\$	401,000	\$	808,000	\$	948,000	\$	1,052,000	\$	1,093,000		

Source: Prepared by Bartle Wells Associates.

Table 11
Marina Coast Water District - Ord Community
Summary of Water Capital Revenue Alternatives

Baseline							
Capital component charge	Varies annually between \$0.70 and \$3.82 per hcf* of monthly water consumption.						
		2 to \$504 per year f of monthly water tion.					
Equalization charge	Increases annually from \$210 to \$2,496. One-time charge at time of connection.						
General Benefit Capacity Charge	\$7,340	per acre-foot					
	\$2,202	for an average home using 0.3 acre-feet					
Uniform Capacity Charge	\$9,710	per acre-foot					
	\$2,913	for an average home using 0.3 acre-feet					
Uniform Capacity Charge with	\$7,340	per acre-foot					
Reimbursement	\$2,202	for an average home using 0.3 acre-feet					
Additional Reimbursement	\$2,370	per acre-foot					
	\$711	for an average home using 0.3 acre-feet					

<sup>\* -</sup> Hundred cubic feet

Source: Prepared by Bartle Wells Associates

Table 12
Marina Coast Water District - Ord Community
Summary of Wastewater Capital Revenue Alternatives

Baseline								
Capital component charge	Varies annually between \$6.00 and \$29.75 per month for an average homeowner							
	Cost - \$72 to \$357 per year							
Equalization charge	Increases annually from \$109 to \$1,045. One-time charge at time of connection.							
General Benefit Capacity Charge	\$1,260	for an average home						
Uniform Capacity Charge	\$1,440	for an average home						
Uniform Capacity Charge with Reimbursement	\$1,260	for an average home						
Additional Reimbursement	\$170	for an average home						
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Source: Prepared by Bartle Wells Associates

# Placeholder for Item 6a

# 2018-19 Ord Community Draft Budget & CIP

These items will be provided at the WWOC meeting.