MARINA COAST WATER DISTRICT
11 Reservation Road
Marina, CA 93933
(831) 384-6131

FEES AND CHARGES WORKSHEET

The following sections should be reviewed by the applicant to determine the approximate water and sewer fees and charges that are due prior to receiving water and sewer service. Final water and sewer fees and charges will be determined and paid prior to construction. For an explanation of all fees and charges, please reference the District Code. Fees shown are from the Fiscal Year 2007-2008 rate schedule. Use the current rate schedule when estimating project fees and charges.

A. Preliminary/Plan Check Fees/Review Plans

Existing Residential Modifications, $200 per unit*	For Applicant's Use
If you plan to modify an existing residential unit by adding water fixtures, please add the approved rate of $200.00 per residential unit in the box. * If plan review cost exceeds the base fee, the additional actual cost will also be charged.	

Existing Commercial Modifications, $400.00 per unit*	For Applicant's Use
If you plan to modify an existing commercial unit without adding square footage, but instead by adding fixtures or changing the use of an existing unit, please add the approved rate of $400.00 per unit in the box. * If plan review cost exceeds the base fee, the additional actual cost will also be charged.	

Plan Review, Small Project, $500.00 per unit*	For Applicant's Use
If you plan to construct a new residential or commercial structure, modify an existing residential unit by adding another structure or unit, or modify an existing commercial unit by adding square footage, please add the approved rate of $500.00 per unit in the box. * If plan review cost exceeds the base fee, the additional actual cost will also be charged.	

Plan Review, Large Project, $500.00 plus additional fees	For Applicant's Use
If you plan to construct a new residential or commercial subdivision or large commercial structure, please add the approved rate of $500.00 in the box. Additional fees will be assessed after developer master water and sewer plans or other maps and building plans are submitted for review.	

MARINA COAST WATER DISTRICT
11 Reservation Road
Marina, CA 93933
(831) 384-6131

B. Water/Sewer Permit Fee, $30 each

	For Applicant's Use
Apply for new water service, add $30 in the box.	
Apply for new sewer service, add $30 in the box.	

C. Water Connection Fee (Install Meter)

This fee covers all the costs of maintaining and replacing the meter and box for the life of the structure. Please add the appropriate fee for the meter size anticipated for your project. The final determination on the water meter size will be made after all plan review and fire department review is complete.

Meter Size:	Fee	For Applicant's Use
5/8" – ¾"	$350.00	
1"	$400.00	
1 ½"	$450.00	
2"	$700.00	
3" and larger	Actual direct and indirect costs to the District, advance payment to be based on estimated cost.	

D. Temporary Water Service Permit

These Deposits/Charges are for providing water from an approved fire hydrant location or the District's construction water depot. Please add the appropriate amount for your project.

		For Applicant's Use
Gate Valve/Meter Deposit	$650.00	
Water Consumption Deposit	$1100.00 (minimum)	
Set / remove hydrant meter (one time charge)	$140.00	
Relocate Meter, per occurrence	$140.00	
Meter set, other than on fire hydrant	Actual Costs	
Minimum monthly service charge	$65.00	
Monthly quantity rate per 100 cubic feet, Marina tiers	$1.79 per HCF, 0-12 HCF $2.80 per HCF, 12+ HCF	
Monthly quantity rate per 100 cubic feet, Ord Community tiers	$1.70 pr HCF, 0-8 HCF $2.39 per HCF, 8-16 HCF $3.08 per HCF, 16+ HCF	

*HCF = Hundred Cubic Feet = 748 gallons

MARINA COAST WATER DISTRICT
11 Reservation Road
Marina, CA 93933
(831) 384-6131

E. Construction Inspection Fee

Small Project, $400.00 per unit

	For Applicant's Use
If you plan to construct a new residential or commercial structure, modify an existing residential unit by adding another structure or unit or modify an existing commercial unit by adding square footage, please add the approved rate of $400.00 per unit in the box.	

Large Project, $500.00 per unit plus 3% of water and sewer construction costs, not less than actual construction inspection cost

	For Applicant's Use
If you plan to construct a new residential or commercial subdivision or large commercial structure, please add the approved rate of $500.00 per unit in the box. Additional fees will be assessed after developer construction costs are determined.	

F. Moving Meter Deposit, $200.00 plus actual cost

	For Applicant's Use
If you plan to relocate the existing meter, please add the approved deposit of $200.00 per move. Additional fees will be assessed after actual costs are determined.	

G. Water Capacity Charges

	For Applicant's Use
Use Worksheet 1-A to determine Water Capacity Charges.	

H. Sewer Capacity Charges

	For Applicant's Use
Use Worksheet 1-B to determine Sewer Capacity Charges	

TOTAL ESTIMATED WATER AND SEWER FEES AND CHARGES

	For Applicant's Use
Add all of the applicable fees and charges to determine your estimated total water and sewer connection cost.	

Worksheet 1-A:
Water Capacity Charge Worksheet

The information on this worksheet applies to non-residential projects. For non-residential projects, water use factors are assigned for different uses. For projects that propose two or more uses, calculate charges for each portion of the project. Where a proposed use may be designated as more than one category, the category which most accurately depicts the proposed non-residential use shall be selected. Where doubt exists, the higher intensity use category shall be chosen. Water use rates are assigned per unit-square footage, number of rooms, seats, etc. The assigned water use rates are determined considering estimated water use availability and fire flow availability for general commercial groups. Because of the many variables encountered, it is not possible to set absolute values for water use rates or estimate annual water use for all situations. Therefore, the estimated Assigned Water Use Factors are strictly for the purpose of determining water capacity charges. The type of use and assigned water use rates are listed below. The next sheet explains how to calculate your water capacity charge using the information on this sheet.

Type of Use	**Quantity**	**Basis**	**Assigned Water Use Rates (AFY/unit)**	**Assigned Water Use (AFY)**
Auto-Related	_____	sq. ft.	× 0.00007	= _____
Bar	_____	seats	× 0.024	= _____
Beauty shop/barber shop	_____	stations	× 0.059	= _____
Car wash w/recycle, use manufacturer data	_____	sq. ft	× *	= _____
Child care	_____	sq.ft.	× 0.0072	= _____
Commercial laundry	_____	washers	× 0.1735	= _____
Convenience stores	_____	sq. ft.	× 0.00017	= _____
Delicatessen (w/o seating)	_____	sq. ft.	× 0.00027	= _____
Dental offices	_____	sq. ft.	× 0.00029	= _____
Dry cleaners (no washer machines)	_____	sq. ft.	× 0.00040	= _____
Gas station	_____	pumps	× 0.1051	= _____
General retail	_____	sq. ft.	× 0.00005	= _____
General office	_____	sq. ft.	× 0.00012	= _____
Grocery and other Markets	_____	sq. ft.	× 0.00039	= _____
Hotel/motel/bed & breakfast	_____	units	× 0.17	= _____
Landscape (non-turf)	_____	acres	× 2.1	= _____
Landscape (turf)	_____	acres	× 2.5	= _____
Laundromat (self-serve)	_____	washers	× 0.202	= _____
Medical offices	_____	sq. ft	× 0.00018	= _____
Meeting halls, churches	_____	sq. ft.	× 0.0001	= _____
Nursing home	_____	rooms	× 0.142	= _____
Photographic Laboratory	_____	sq. ft.	× 0.003	= _____
Plant nursery	_____	sq. ft. land	× 0.00009	= _____
Public Restroom	_____	toilets	× 0.0676	= _____
Restaurant (incl. fast food, deli, sandwich shop)	_____	seats	× 0.029	= _____
Retail photo w/processing	_____	sq. ft.	× 0.00020	= _____
Swimming pool (per 100 sq. ft. pool surface area)	_____	100 sq ft	× 0.020	= _____
Theater	_____	seats	× 0.0014	= _____
Veterinary	_____	sq. ft.	× 0.00026	= _____
Warehouse, distribution, self-storage	_____	sq. ft.	× 0.00001	= _____
			TOTAL:	**= _____**

Worksheet 1-A (Continued)
HOW TO CALCULATE WATER CAPACITY CHARGES

STEP 1: DETERMINE WATER USE CATEGORY. Please determine the existing and proposed water use category as noted on the previous page. If this is a residential project, please go to Step 5.

Existing Business Use Category is _____.
Proposed Business Use Category is _____.

STEP 2: DETERMINE PROPOSED ASSIGNED WATER USE **{DEMAND}**. This step calculates the assigned water use for the proposed project. Assigned water use is the product of the basis or measurement and the water use rate. Use the assigned water use rates from the Worksheet 1-A. For projects with multiple uses, complete Worksheet 1-A and enter the total below. The Commercial Connection Form (Appendix 2) can also be used to calculate water demand.

Basis or Measurement _____ **X** Water Use Rate _____ = _____ Acre-Foot/Yr
(sq. ft., seats, stations, etc.) (see page 1)

STEP 3: DETERMINE EXISTING ASSIGNED WATER USE **{CREDIT}**. This step calculates the existing assigned water use, which is a credit to be applied to the total water capacity charge. The existing assigned water use is the product of the basis or measurement and the water use rate. Calculate as for Step 2. Please be prepared to provide a certification documenting existing use, upon request. New construction may skip this step, unless there has been a demolition on the site prior to permitting.

Basis or Measurement _____ **X** Water Use Rate _____ = _____ Acre-Foot/Yr
(sq. ft., seats, stations, etc.) (see page 1)

STEP 4: DETERMINE EQUIVALENT DWELLING UNITS: Subtract the **CREDIT** from the **DEMAND** to determine net increase in water demand. If there is no increase, then there is no water capacity charge for this project. If there is an increase, divide the difference by 0.33 AFY per Equivalent Dwelling Unit (EDU).

Net Increase in Demand _____ AFY ÷ 0.33 AFY/EDU = _____ EDU

STEP 5: DETERMINE WATER CAPACITY CHARGE. Multiply the number of EDU by the water capacity charge for the service area. Residential Units are assessed as 1 EDU per dwelling unit.

No. of EDU _____ **X** $_____/EDU = Water Capacity Charge or $_____.

*The FY 2007/2008 water capacity charge is $4,164 in Marina and $2,800 in the Ord Community.

STEP 6: TRANSFER INFORMATION TO THE FEES AND CHARGES WORKSHEET. Add the Step 5 water capacity charge to the Fees and Charges Worksheet, Box 'G'.

BOX G: Water Capacity Charge is $_____.

Worksheet 1-B:
Sewer Capacity Charge Worksheet

Residential Units

Each residential connection (single-family, multiple dwelling, condominium, trailer space, or mobile home) is one (1) EDU.

Nonresidential Units

Sewer collection system capacity charge is based on fixture units as defined in the Uniform Plumbing Code per structure (common fixture units are scheduled on the Commercial Connection Application at Appendix 2).

Fixture units are to be assigned based on ultimate plumbing fixtures per approved building plans, regardless of number of fixtures initially installed.

Each twenty (20) fixture units are equivalent to one (1) equivalent dwelling unit (EDU). For each hotel/motel unit a minimum of one (1) EDU per room will be applied.

The sewer collection system capacity charge is scaled at the ratio of one (1) EDU per each twenty (20) fixture units. For example, twenty-four (24) fixture units equals one point two (1.2) EDU's for a capacity fee of $1,200.00 when the capacity charge per EDU is $1000.00.

Each nonresidential connection is a minimum of one (1) EDU.

Worksheet 1-B Marina Sewer System (Continued)
HOW TO CALCULATE SEWER CAPACITY CHARGES

STEP 1: DETERMINE SEWER USE CATEGORY. Please determine the existing and proposed sewer use category as noted on the previous page.

Residential – Go to step 5.
Non-residential – Continue to step 2.

STEP 2: DETERMINE PROPOSED ASSIGNED SEWER USE **{DEMAND}**. This step calculates the proposed equivalent dwelling unit (EDU) for the proposed utilization of the space. The EDU is the sum of the proposed sewer fixture units divided by 20. The proposed number of fixture units can be determined from the Commercial Connection Form (Appendix 2). Minimum charge is 1 EDU.

Sum of Fixture Units _____ ÷ 20 Fixtures/EDU = _____ EDU
(Please see Commercial Connection Form and Permit Application for the sum of the fixture units)

STEP 3: DETERMINE EXISTING ASSIGNED SEWER USE **{CREDIT}**. This step calculates the existing sewer use, which is a credit to be applied to the total sewer capacity charge. Please be prepared to provide a certification documenting existing use, upon request. New construction may skip this step, unless there has been a demolition on the site prior to permitting. Minimum for existing is 1 EDU.

Sum of Fixture Units _____ ÷ 20 Fixtures/EDU = _____ EDU
(Please see Commercial Connection Form and Permit Application for the sum of the fixture units)

STEP 4: DETERMINE NET INCREASE IN SEWER DEMAND: Subtract the **CREDIT** from the **DEMAND** to determine net increase in sewer demand. If there is no increase, then there is no sewer capacity charge for this project. If there is an increase, proceed to step 5.

Net Increase in Demand _____ EDU

STEP 5: DETERMINE SEWER CAPACITY CHARGE: Multiply the number of EDU by the sewer capacity charge for the service area. Residential units are assessed as 1 EDU per dwelling unit.

No. of EDU _____ **X** $_____/EDU = Sewer Capacity Charge or $_____.

*The FY 2007/2008 sewer capacity charge is $1,485 in Marina and $1,000 in the Ord Community.

STEP 6: TRANSFER INFORMATION TO THE FEES AND CHARGES WORKSHEET. Add either Step 4 or Step 5 sewer capacity charge to the Fees and Charges Worksheet, Box 'H'.

BOX H: Sewer Capacity Charge is $_____.
