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EXHIBIT 12-E

TO: Dave Stoldt, General Manager

Suresh Prasad, Administrative Services Manager/Chief Financial Officer

FROM: Thomas Gaffney, Principal

DATE: April 12, 2012

SUBJECT: Monterey Peninsula Water Management District User Fee

TECHNICAL MEMORANDUM

Introduction

The Monterey Peninsula Water Management District (the "District" or "MPWMD") is an independent special district that manages and regulates the use, reuse and reclamation of surface and groundwater within its jurisdiction. The District is charged with conservation and augmentation responsibilities in addition to its responsibility to integrate management of ground and surface water resources. To this end, the District owns and jointly operates with California American Water Company ("Cal-Am") an Aquifer Storage and Recovery ("ASR") project that diverts excess surface flows from the Carmel River through the Cal-Am system for injection into the Seaside Groundwater Basin through the District's ASR wells. The ASR project enables recovery of the injected water by Cal-Am for delivery to its customers in the summer when the Carmel River is dry or at low flow. Further, the District intends to enter into agreement with Monterey Regional Water Pollution Control Agency ("MRWPCA") and Cal-Am for a Groundwater Replenishment ("GWR") project enabling the advanced treatment of wastewater from the MRWPCA regional facility for injection into the Seaside Groundwater Basin through MRWPCA wells to be developed and subsequent recovery of the injected water by Cal-Am for delivery to its customers.

Until recently, the District funded its activities through a user fee collected from Cal-Am customers and other water system customers on the customer bills. The collection of the user fee was recently eliminated by a ruling of the California Public Utilities Commission (CPUC) in the General Rate Case of Cal-Am. To continue its activities, the District must now develop a new mechanism for collecting fees.

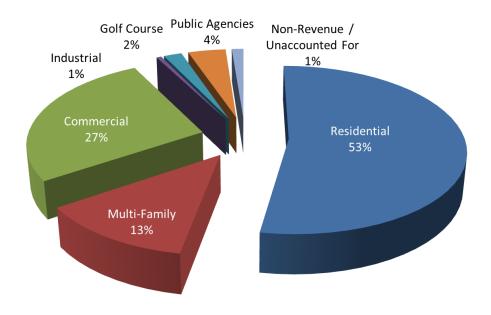
The District intends to dedicate the revenues from the new fee collection mechanism to the development of ASR, GWR, and other water supply activities.

Water Consumption

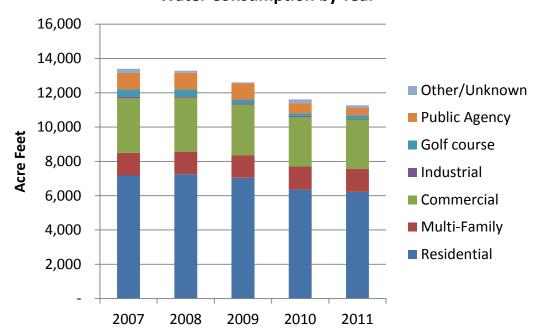
MPWMD serves approximately 43,500 connections in the Cal-Am service area with water supply from ASR and water supply management services. In the Cal-Am service area, residential customers account for about 53% of water use, multi-family accounts for 13%, commercial accounts for 27%, and the remaining use is from a combination of industrial customers, golf courses, public agencies, and unknown uses or water loss.

Over the past five years, annual water consumption has decreased by about 2,100 acre feet (about 16% relative to the 2007 annual water consumption), which may be the result of conservation, tiered rates, wet weather, and/or poor economy.

Water Demand in the Cal-Am Service Area



Water Consumption by Year



Revenue Requirement

The MPWMD Board is required to annually revisit the fee during its budget process to ensure the amounts collected and expended meet the purposes for which the fee is imposed and that the fees reflect the cost of providing service (also called the revenue requirement). The revenue requirement includes the operating costs, capital costs, debt service cost, and funding of adequate fund reserves, especially as the costs relate to provision of water and water supply management to existing customers. The historical revenue requirement and results of operations are shown in Table 1. Depending largely on personnel, services & supplies and project expenditures the revenue requirement for the District has ranged from \$5.8 million to \$8.0 million over the past four years.

Operating costs include staff salaries, legal and professional services, and utilities and are budgeted at about \$4.3 million in FY2011/12, see Table 2. Capital costs are budgeted at \$2.6 million in FY2011/12, \$3.0 million in FY2012/13, and \$3.3 million in FY2013/14; see Table 3.

In order to maintain fund reserve balances, meet costs, and to fund new water supply projects, the District will need to recover \$3.7 million annually in user fee revenues.

Table 1
Historical Cash Flows
Monterey Peninsula Water Management District

| | Actual | Actual | Actual | Draft Actual | Budget |
|--------------------------------------|----------------|----------------|----------------|----------------|----------------|
| | 2007/08 | 2008/09 | 2009/10 | 2010/11 | 2011/12 |
| BEGINNING FUND BALANCE | \$2,448,848 | \$2,569,978 | \$2,287,035 | \$1,956,452 | \$1,518,500 |
| REVENUES | | | | | |
| Property Tax | 1,352,826 | 1,436,800 | 1,339,138 | 1,402,646 | 1,403,000 |
| Permit Fees | 327,700 | 294,053 | 278,610 | 296,735 | 205,000 |
| Interim Mitigation Revenue | | | | | 1,560,000 |
| Connection Charges | 556,370 | 481,724 | 466,297 | 319,728 | 275,000 |
| User Fees | 2,945,384 | 2,653,827 | 2,879,934 | 3,048,993 | 101,500 |
| Recording Fees, Interest, Other | 135,281 | 88,975 | 60,560 | 61,387 | 26,000 |
| Reimbursements | 517,391 | 573,225 | 1,270,156 | 2,450,118 | 2,009,300 |
| Grants | 299,870 | 0 | 0 | 0 | 929,000 |
| Line of Credit Proceeds | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>675,200</u> |
| TOTAL REVENUES | 6,134,822 | 5,528,604 | 6,294,695 | 7,579,607 | 7,184,000 |
| | | | | | |
| EXPENSES | | | | | |
| Personnel | 2,996,191 | 3,017,928 | 3,192,759 | 3,255,865 | 3,248,700 |
| | | | | | |
| Services and Supplies | | | | | |
| Operating Expenditures | 540,220 | 491,927 | 459,737 | 538,162 | 451,400 |
| Professional Fees | <u>516,383</u> | <u>605,498</u> | <u>560,118</u> | <u>593,882</u> | <u>562,800</u> |
| Total | 1,056,603 | 1,097,425 | 1,019,855 | 1,132,044 | 1,014,200 |
| | | | | | |
| Fixed Assets, Projects, Debt Service | | | | | |
| Fixed Assets | 150,731 | 447,313 | 45,108 | 73,136 | 34,100 |
| Project Expenditures | 1,810,167 | 1,248,881 | 2,367,556 | 3,533,434 | 1,205,900 |
| Capital Improvements | | | | | 2,586,100 |
| Debt Service | N/A | N/A | N/A | 23,089 | 25,000 |
| Election Expense | N/A | N/A | N/A | N/A | 169,000 |
| Contingency | <u>N/A</u> | <u>N/A</u> | <u>N/A</u> | <u>N/A</u> | <u>75,000</u> |
| Total | 1,960,898 | 1,696,194 | 2,412,664 | 3,629,659 | 4,095,100 |
| | | | | | |
| TOTAL EXPENSES | 6,013,692 | 5,811,547 | 6,625,278 | 8,017,568 | 8,358,000 |
| | | | | | |
| SURPLUS/(DEFICIT) | 121,130 | (282,943) | (330,583) | (437,961) | (1,174,000) |
| | | | | | |
| ENDING FUND BALANCE | \$2,569,978 | \$2,287,035 | \$1,956,452 | \$1,518,491 | \$344,500 |
| | | | | | |

Table 2
Cash Flow Projection
Monterey Peninsula Water Management District

| | | | | 5 | | |
|--|--|-----------------------|----------------------|-----------------------|--|--|
| | Budget | Projected | Projected | Projected | | |
| DECINADA ELIND DALANCE | 2011/12 | 2012/13 | 2013/14 | 2014/15 | | |
| BEGINNING FUND BALANCE | \$1,518,500 | \$344,500 | \$344,500 | \$344,500 | | |
| REVENUES | 1 402 000 | 1 402 000 | 1 500 000 | 1 500 000 | | |
| Property Tax Permit Fees | 1,403,000 | 1,403,000 | 1,500,000 300,000 | 1,500,000 | | |
| Interim Mitigation Revenue | 205,000 1,560,000 | 300,000 | = | 300,000 | | |
| | 275,000 | 1,560,000 275,000 | 1,560,000 350,000 | 1,560,000 350,000 | | |
| Connection Charges User Fees | 101,500 | 3,801,500 | | 3,801,500 | | |
| Recording Fees, Interest, Other | 26,000 | 26,000 | 3,801,500 26,000 | 26,000 | | |
| Reimbursements | 2,009,300 | 1,200,000 | 1,200,000 | 1,200,000 | | |
| Grants | 929,000 | 1,200,000 | 1,200,000 | 1,200,000 | | |
| Line of Credit Proceeds | 675,200 | <u>0</u> | <u>0</u> | <u>0</u> | | |
| TOTAL REVENUES | 7,184,000 | | 8,737,500 | <u>0</u> 8,737,500 | | |
| TOTAL REVENUES | 7,104,000 | 8,565,500 | 6,737,300 | 6,737,300 | | |
| EXPENSES | | | | | | |
| Personnel | 3,248,700 | 3,313,700 | 3,380,000 | 3,447,600 | | |
| | -, -, | -,, | -,, | -, , | | |
| Services and Supplies | | | | | | |
| Legal Services | 450,000 | 459,000 | 468,200 | 477,600 | | |
| Professional Fees | 112,800 | 115,100 | 117,400 | 119,700 | | |
| Data Processing | 73,800 | 75,300 | 76,800 | 78,300 | | |
| Other | <u>377,600</u> | <u>385,200</u> | <u>392,900</u> | 400,800 | | |
| Total | 1,014,200 | 1,034,600 | 1,055,300 | 1,076,400 | | |
| | | | | | | |
| Fixed Assets, Projects, Debt Servi | | | | | | |
| Fixed Assets | 34,100 | 34,800 | 35,500 | 36,200 | | |
| Project Expenditures | 1,205,900 | 1,500,000 | 1,500,000 | 1,500,000 | | |
| Capital Improvements[1] | 2,586,100 | 2,580,900 | 2,494,700 | 2,572,700 | | |
| Debt Service | 25,000 | 25,000 | 25,000 | 25,000 | | |
| Election Expense | 169,000 | 0 | 169,000 | 0 | | |
| Contingency | <u>75,000</u> | <u>76,500</u> | <u>78,000</u> | <u>79,600</u> | | |
| Total | 4,095,100 | 4,217,200 | 4,302,200 | 4,213,500 | | |
| TOTAL EXPENSES | 8,358,000 | 8,565,500 | 8,737,500 | 8,737,500 | | |
| TOTAL EXPENSES | 8,338,000 | 8,303,300 | 0,737,300 | 8,737,300 | | |
| SURPLUS/(DEFICIT) | (1,174,000) | 0 | 0 | 0 | | |
| , | | | | | | |
| ENDING FUND BALANCE | \$344,500 | \$344,500 | \$344,500 | \$344,500 | | |
| Posonio Target /6 months of | | | | | | |
| Reserve Target (6 months of | 4 170 000 | 4 202 000 | 4 260 000 | 4 260 000 | | |
| expenses) | 4,179,000 | 4,282,800 | 4,368,800 | 4,368,800 | | |
| [1] FY 2012/13 CIP amounts to \$2 | [1] FY 2012/13 CIP amounts to \$2,958,600 of which District will fund \$2,580,900. | | | | | |
| FY 2013/14 CIP amounts to \$3,331,600 of which District will fund \$2,494,700. | | | | | | |
| FY 2013/14 CIP amounts to \$3 | | | | | | |
| 7 1 2013/11 cm amounts to 93 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | D. 15 C. 10 C WITH TO | y = , 5 , 2 , , 00. | | | |

Table 3
Capital Improvement Plan
Monterey Peninsula Water Management District

| | EV2011 12 | EV2042 42 | EV2012 4.4 | After 2014 |
|---|-------------|-------------|-------------|------------|
| | FY2011-12 | FY2012-13 | FY2013-14 | After 2014 |
| Water Project 1 (additional construction) | \$737,400 | | | |
| Water Project 2 (construction) | 889,900 | | | |
| Water Project 3 (preliminary expenditure) | 25,000 | | | |
| Design, permitting, & Phase 1 of Sleepy Hollow water intake | 470,000 | | | |
| Sleepy Hollow Ford removal and bridge replacement | 114,300 | | | |
| Integrated Regional Water Management Project | 349,500 | | | |
| Feasibility studies and other | 0 | | | |
| Water Supply: Aquifer Storage and Recovery Phase 1 | 0 | | | |
| Completion ¹ | | \$885,165 | \$435,314 | \$295,348 |
| Water Supply: Groundwater Replenishment ² | 0 | | | 50 - |
| | | 1,036,550 | 1,469,200 | 70,000,000 |
| Water Supply: Studies in Support of Desal, GWR, and | 0 | | | |
| ASR Operations | | 150,000 | 250,000 | 250,000 |
| Water Supply: ASR Expansion Study – Part 1(Scoping | 0 | | | |
| locations) | | 150,000 | | 0 |
| Water Supply: ASR Expansion Study – Part 2 | 0 | | | |
| (Easements & Test Wells) | | | 500,000 | n.a. |
| Water Supply: Feasibility studies – Other Projects | 0 | 200,000 | 200,000 | n.a. |
| Water Supply: Repayment of Advances for ASR ¹ | 0 | 427,056 | 427,056 | 427,056 |
| Mitigation: Capital ³ | <u>0</u> | 109,873 | 50,000 | n.a. |
| TOTAL CIP | \$2,586,100 | \$2,958,644 | \$3,331,570 | n.a. |

^{1 - 3-22-12} update per J. Oliver; Capital costs only – staff and overhead captured in operating budget.

User Fee Alternatives

Prior to suspension by the CPUC, the user fees were shown on Cal-Am, Seaside Municipal Water System, and Pebble Beach Reclamation Project customer bills as percentage of meter and water charges. The user fee was set at 8.325% of a Cal-Am customer's water bill when it was suspended. The obligations of the Seaside Municipal Water System and the Reclamation Project were not affected by the CPUC decision.

In FY2010/11, the District collected about \$3.05 million in user fees. In FY2011/12, the District will not collect user fees but collect \$1,560,000 from an interim agreement with Cal-Am to fund a portion of the District's mitigation program expenses. The District must restore the user fee revenues to meet

^{2 - 50%} of FY 2013 and 2014 costs from Monterey Regional Water Pollution Control Agency GWR Project Planning Costs – Funding 1-2012, plus an additional \$375,000 for environmental work.

^{3 -} February 13, 2012 Comparison of Mitigation Program Costs Spreadsheet; Sum of program area "capital costs" plus Program Support "capital asset purchases."

operating and capital expenses, and to fund new water supply activities.

AWWA Cost of Service and Rate Setting Methodology

The American Water Works Association (AWWA), Manual M1: "Principles of Water Rates, Fees, and Charges", is the water industry standard publication for guidance and good practice on the setting of water rates and fees. The overarching theme of the AWWA Manual M1 is that fees and charges should reflect the costs that a utility incurs to serve each customer class. The AWWA Manual M1 states that the design of fees and charges that recover those costs is a policy decision by the utility and that both fixed and variable (water consumption-based) charges are appropriate fees commonly charged by utilities.

In the sections below, BWA discusses how the District could design the user fee as a variable fee, fixed fee, or a combination of variable and fixed, followed by our recommendation based on the cost-causative approach recommended by the AWWA.

Variable Fee

In the past, the user fee was collected as a percentage of both water rates (variable) and water meter charges (fixed) from customers served by Cal-Am. If the District chooses to adopt a variable charge, the user fee revenue requirement is divided by the service area's water use to determine a cost per unit of water. BWA calculates the user fee at \$0.075 to \$0.082 per 10 cubic feet, see Table 4. The typical single family user fee is estimated at between \$52.75 and \$57.56 per year.

| Table 4 |
|---|
| Variable User Fee Calculation |
| Monterey Peninsula Water Management District |

| User Fee Revenue Requirement | \$3,700,000 | |
|--|--------------------------|----------------------------|
| Estimated High Water Use Estimated Low Water Use | 49,100,000 45,000,000 | (per 10 cf) (per 10 cf) |
| User Fee Estimate Low | \$0.075 | (per 10 cf) |
| High | \$0.082 | (per 10 cf) |
| Median Annual Single Family Water Use | 700 | (per 10 cf) |
| Estimated Single Family Fee (high system-wide water use) Estimated Single Family Fee (low system-wide water use) | \$52.75 \$57.56 | per year per year |
| | | |

Fixed Fee

Alternately, the District could adopt a fixed fee on a per customer basis. To determine a customer count and a method of scaling the user fee for different types of customers, MPWMD can use a land use basis or a meter equivalent basis.

I. Land Use Basis

MPWMD has detailed records of land use designations within its service areas and could use this information as a basis for determining the user fee. Land use is typically used by agencies to determine outdoor irrigation water demand, to determine impervious area for the calculation of storm water fees, or to calculate sewer fees. An example fee schedule based on land use is shown in Appendix A for the Monterey Regional Water Pollution Control Agency, a wastewater agency. Land use is not typically used as a metric for estimating indoor water usage. Land use records do not usually reflect the number of fixture units in a building or the presence of an irrigation water meter. The land use basis is not recommended by the AWWA.

BWA calculated a user fee based on land use as an alternative for the District to consider. The average indoor and outdoor square feet was determined per each single family dwelling (SFD). All other land use types were scaled in comparison to the parcel size of a SFD.

On a system-wide basis, outdoor water use typically accounts for 20% to 40% of water consumption and indoor use accounts for 60 to 80%. Therefore, BWA recommends recovering 20% of the user fee revenue from outdoor square feet and 80% from indoor square feet on a per parcel basis, see Table 5. Vacant parcels or other parcels that do not have water service should be excluded from the calculations shown in Table 5 and would not be charged a user fee. To account for vacant parcels not receiving service, Table 6 shows a high and low estimate for the user fee calculation.

Table 5
Land Use Basis - Single Family Dwelling (SFD)Unit Calculation
Monterey Peninsula Water Management District

| Single Family Dwelling on 1 Site Number of Parcels 25,208 | Outdoor sq. ft. 458,821,840 | Avg outdoor sq. ft. per SFD 18,201 | Rounded sq. ft. 18,200 |
|---|--------------------------------|------------------------------------|---------------------------|
| Number of Parcels | Indoor sq. ft. | Avg indoor sq. ft. per SFD | Rounded sq. ft. |
| 25,208 | 45,298,145 | 1,797 | 1,800 |
| Land Use | Outdoor sq. ft. | Indoor sq. ft. | |
| Single Family Dwellings | 476,052,954 | 48,271,218 | |
| Multi Family | 698,803,689 | 14,032,962 | |
| Offices, Libraries, Churches | 37,922,662 | 7,419,713 | |
| Agriculture, Cemeteries, Recreation | 748,014,208 | 569,791 | |
| Auto Shops | 3,989,386 | 521,130 | |
| Medical Office, Hospitals | 17,068,564 | 627,670 | |
| Industrial | 9,531,440 | 1,848,675 | |
| Schools | 15,865,770 | 217,628 | |
| Hotels, Motels | 80,578,370 | 2,540,078 | |
| Restaurants, Malls, Markets | 18,635,788 | 2,334,245 | |
| Underdeveloped or Vacant | 682,235,413 | <u>70,219</u> | |
| Total | 2,788,698,244 | 78,453,329 | |
| Total Outdoor sq. ft. | SFD Outdoor sq. ft. | SFD Outdoor Equivalents | |
| 2,800,000,000 | / 18,200 = | 153,800 | |
| Total Indoor sq. ft. | SFD Indoor sq. ft. | SFD Indoor Equivalents | |
| • | • | • | |
| 80,000,000 | / 1,800 = | 43,600 | |
| | SFD Equivalents | Allocation | Total SFDs |
| SFD Outdoor Equivalents | 153,800 | 20% | 30,800 |
| SFD Indoor Equivalents | 43,600 | 80% | <u>34,900</u> 65,700 |
| | | | 03,700 |

A sampling of the land use types and their corresponding user fees are shown in Table 6. A complete list of land use types is shown in Appendix B.

Table 6
Land Use Basis - User Fee Calculation
Monterey Peninsula Water Management District

| Revenue Requirement \$3,700,000 \$3,700,000 | SFDs / 65,700 = / 55,600 = | Annual User Charge per SFD \$56.37 \$67.27 | (high SFD count) (low SFD count) |
|---|-----------------------------------|---|-------------------------------------|
| | Avg SFD Count | Annual User Fee | Annual User Fee |
| Land Use | per Parcel | (high SFD count) | (low SFD count) |
| Single Family Dwellings | 1.0 | \$56.37 | \$67.27 |
| Multifamily | 1.7 | 94.25 | 112.48 |
| Churches | 2.9 | 161.71 | 192.98 |
| Auto Shops | 1.5 | 85.32 | 101.82 |
| Hospitals | 5.9 | 334.16 | 398.79 |
| Hotels, Motels | 3.6 | 203.13 | 242.42 |
| Restaurants | 1.7 | 94.12 | 112.32 |
| Theaters | 4.2 | 235.69 | 281.27 |
| Schools | 4.8 | 268.08 | 319.93 |
| Supermarket | 4.8 | 271.68 | 324.22 |
| Light Industrial | 2.1 | 119.21 | 142.27 |

II. Meter Equivalent Basis

The meter equivalent basis involves scaling each customer's fee based on the size of the meter. A single meter equivalent is set as the maximum day demand of a $5/8 \times 3/4$ " meter. The fees for larger meter sizes are scaled up in comparison to the $5/8 \times 3/4$ " meter. For example, using Cal-Am's meter equivalents, a single 6" meter is equivalent to 50 customers with $5/8 \times 3/4$ " meters, a ratio of 1:50. A summary of the Cal-Am meter equivalents for various meter sizes is presented in Table 7.

Table 7
Cal-Am Meter Equivalents per Meter Size
Monterey Peninsula Water Management District

| Meter Size 5/8 x 3/4" 3/4" 1" 1 1/2" 2" 3" | Cal-Am Monthly Meter Charge \$8.91 13.37 22.28 44.55 71.28 133.65 | No. of Meter Equivalents per Meter Size 1.0 1.5 2.5 5.0 8.0 15.0 |
|--|---|--|
| 4" 6" | 222.75 445.50 | 25.0 50.0 |
| 8" | 712.80 | 80.0 |

BWA reviewed the billing records of Cal-Am and the City of Carmel-by-the-Sea and determined the total number of meter equivalents of the customers served by MPWMD, see Table 8. The Cal-Am billing records did not identify dedicated fire protection meters or accounts that were upsized to meet fire flow standards. Fire flow can be significantly higher than the maximum day demand of a customer and fire flow should not be used as the sole basis to assign meter equivalents. To be conservative, BWA estimates that up to 4,000 meter equivalents may be sized to accommodate fire flow and should receive a charge proportional to actual use. The American Water Works Association estimates that for a service area of MPWMD's size, approximately 10% of system capital costs are attributable to fire flow capacity.

BWA recommends that MPWMD adopt an appeals process for customers who believe that they should be granted a reduction due to upsizing of their meters to meet fire flow requirements. BWA recommends that MPWMD adjust the user fees for upsized meters according to the current practice of Cal-Am.

Table 8
Total Meter Equivalents
Monterey Peninsula Water Management District

| Meter Size | Number of Meters | Cal-Am Monthly Meter Charge | No. of Meter Equivalents per Meter Size | Total Meter Equivalents | |
|---|---------------------|--------------------------------|---|----------------------------|--|
| Cal-Am Service Area | | | | | |
| 5/8 x 3/4" | 37,631 | \$8.91 | 1.0 | 37,631.0 | |
| 3/4" | 277 | 13.37 | 1.5 | 415.7 | |
| 1" | 5,255 | 22.28 | 2.5 | 13,140.4 | |
| 1 1/2" | 852 | 44.55 | 5.0 | 4,260.0 | |
| 2" | 636 | 71.28 | 8.0 | 5,088.0 | |
| 3" | 24 | 133.65 | 15.0 | 360.0 | |
| 4" | 22 | 222.75 | 25.0 | 550.0 | |
| 6" | 11 | 445.50 | 50.0 | 550.0 | |
| 8" | <u>13</u> | 712.80 | 80.0 | <u>1,040.0</u> | |
| Cal-Am Total | 44,721 | | | 63,035.1 | |
| Total - high count of meter equivalents* 63,000 | | | | | |
| (may include some fire protection meter equivalents | | | | eter equivalents) | |

Total - low count of meter equivalents*

59,000

(estimate without fire protection meter equivalents)

* Rounded

Meter equivalents are commonly used by utilities as a proxy for the maximum day demand of various customer types. Many water agencies in California use meter equivalents as a basis for fixed charges and system capacity or connection fees. The user fee calculations based on meter equivalents are presented in Table 9.

Table 9
Meter Equivalents - User Fee Calculation
Monterey Peninsula Water Management District

| User Fee Revenue Requirement | High Count of Meter Equivalents \$3,700,000 | Low Count of Meter Equivalents \$3,700,000 |
|--------------------------------------|---|--|
| Number of Meter Equivalents | 63,000 | 59,000 |
| Annual User Fee per Meter Equivalent | \$58.73 | \$62.71 |
| Annual Usage Fee per Meter Size | | |
| 5/8 x 3/4" | \$58.73 | \$62.71 |
| 3/4" | 88.13 | 94.10 |
| 1" | 146.86 | 156.81 |
| 1 1/2" | 293.65 | 313.56 |
| 2" | 469.84 | 501.69 |
| 3" | 880.95 | 940.68 |
| 4" | 1,468.25 | 1,567.80 |
| 6" | 2,936.51 | 3,135.59 |
| 8" | 4,698.41 | 5,016.95 |

III. Hybrid Approach

It may be appropriate to utilize a hybrid approach that incorporates both meter equivalents and water consumption for the calculation of the user fees. The California Urban Water Conservation Council recommends that water utilities set rates such that 70% of rate revenues are collected from variable charges and 30% of rate revenues are collected from fixed charges. The hybrid approach proposed by Bartle Wells Associates follows this recommendation and collects 30% of the user fee revenue requirement from meter equivalents and 70% of the user fee revenue requirement from water use. This approach is consistent with the cost-causative methodology proposed by AWWA.

As a first step, BWA determined the revenue requirement of each customer class based on water use, see Table 10. The revenue requirement for each customer class was then allocated 70% to the variable user fee and 30% to the fixed user fee. The fixed user fee is determined using the meter equivalents for each class and calculating a unit cost per meter equivalent. Here, "variable" means usage that varies based on property use category. The variable fee is calculated via applying the unit cost of water to the typical water use of each customer in a land use category.

For residential customers, water use varies dramatically depending on the size of the home. Therefore, BWA developed four single family residential customer classes to account for varying usage patterns. Meter equivalents per meter size for the single family category were adjusted to reflect the difference in the size of home and the actual number of homes in each category. For the commercial customers, BWA used the water usage factors utilized by the Monterey Regional Water Pollution Control Agency to

set sewer rates. BWA made adjustments to the water usage factors to account for outdoor irrigation. The usage factors are based on historic data, state imposed standards, and local flow information.

Table 10
Revenue Requirement of Each Customer Class
Monterey Peninsula Water Management District

| Customer Class | Water Use (10 cf) | % of Water Use* | Revenue Requirement |
|------------------------------|-------------------|-----------------------|---------------------|
| Residential | 27,110,000 | 55.2% | \$2,043,000 |
| Multi-Family | 5,818,000 | 11.8% | \$438,000 |
| Commercial & Unknown | 13,209,000 | 26.9% | \$995,000 |
| Industrial | 237,000 | 0.5% | \$18,000 |
| Golf course | 875,000 | 1.8% | \$66,000 |
| Public Agency | <u>1,849,000</u> | 3.8% | \$139,000 |
| Total | 49,098,000 | 100.0% | \$3,700,000 |
| High Water Use Estimate | | | |
| Variable User Fee Portion | 70% alloc | cation of \$3,700,000 | \$2,590,000 |
| System Water Use (10 cf) | | | 49,098,000 |
| Cost per Unit (10 cf) | | | \$0.053 |
| Low Water Use Estimate | | | |
| Variable User Fee Portion | 70% alloc | cation of \$3,700,000 | \$2,590,000 |
| System Water Use (10 cf) | | | 45,000,000 |
| Cost per Unit (10 cf) | | | \$0.058 |
| * All service areas of MPWMD | | | |

Table 11
Hybrid Approach - Meter Fee Portion (High Equivalent Estimate)
Monterey Peninsula Water Management District

| Reven | ue Requirement | 30% Meter Fee Allocation \$1,110,000 | 70% Variable Fee Allocation \$2,590,000 | Total \$3,700,000 |
|----------------|-----------------------------|--|--|-----------------------------|
| Customer Class | % of Revenue Requirement | Meter Fee Revenue Requirement | Meter Equivalents (High Estimate) | Fee per Meter Equivalent |
| Residential | 55.2% | \$612,900 | 36,400 | \$16.84 |
| Multi-Family | 11.8% | \$131,500 | 10,400 | \$12.64 |
| Nonresidential | <u>32.9%</u> | <u>\$365,600</u> | <u>16,200</u> | \$22.57 |
| Total | 100.0% | \$1,110,000 | 63,000 | |

Table 12 Hybrid Approach - Meter Fee Portion (Low Equivalent Estimate) Monterey Peninsula Water Management District

| Reven | ue Requirement | 30% Meter Fee Allocation \$1,110,000 | 70% Variable Fee Allocation \$2,590,000 | Total \$3,700,000 |
|----------------|-----------------------------|--|--|-----------------------------|
| Customer Class | % of Revenue Requirement | Meter Fee Revenue Requirement | Meter Equivalents (Low Estimate) | Fee per Meter Equivalent |
| Residential | 55.2% | \$612,900 | 34,100 | \$17.97 |
| Multi-Family | 11.8% | \$131,500 | 9,800 | \$13.42 |
| Nonresidential | <u>32.9%</u> | \$365,600 | <u>15,200</u> | \$24.05 |
| Total | 100.0% | \$1,110,000 | 59,000* | |
| *Rounded | | | | |

Table 13 Hybrid Approach User Fee Calculation - Residential, Low User Fee Estimate Monterey Peninsula Water Management District

| Residential Revenue Requirement | \$2,043,000 | | | | |
|--|-------------|-------------------------------|-------------|---------------|--------------|
| Meter Equivalents | | Water Use | | | |
| 30% Allocation to Meter Equivalents | \$612,900 | 70% Allocation to Water Use | \$1,430,100 | | |
| Residential Meter Equivalents | 36,400 | Residential Water Use (10 cf) | 27,110,000 | | |
| User Fee - Meter Portion | \$16.84 | User Fee - Water Use Portion | \$0.053 | | |
| | | No. of Meter Equivalents per | | | |
| Meter Size | | Meter Size | Meter Fee | | |
| 5/8 x 3/4" Small house (less than 1,200 sq ft) | | 0.85 | \$14.31 | | |
| Medium house (1,200 to 2,000 sq ft) | | 1.00 | \$16.84 | | |
| Medium/large house (2,000 to 4,000 sq ft) | | 1.15 | \$19.36 | | |
| Large house (4,000 sq ft+) | | 1.15 | \$19.36 | | |
| 3/4" | | 1.50 | \$25.27 | | |
| 1" | | 2.50 | \$42.10 | | |
| 1 1/2" | | 5.00 | \$84.19 | | |
| 2" | | 8.00 | \$134.70 | | |
| 3" | | 15.00 | \$252.57 | | |
| 4" | | 25.00 | \$420.95 | | |
| | | | | | Total Annual |
| Sample Residential Bills | | Meter Equivalent | Meter Fee | Water Use Fee | User Fee |
| 5/8 x 3/4" meter | | | | | |
| Small house (less than 1,200 sq ft) | | 0.85 | \$14.31 | \$23.74 | \$38.05 |
| Medium house (1,200 to 2,000 sq ft) | | 1.00 | \$16.84 | \$36.93 | \$53.76 |
| Medium/large house (2,000 to 4,000 sq ft) | | 1.15 | \$19.36 | \$73.85 | \$93.22 |
| Large house (4,000 sq ft+) | | 1.15 | \$19.36 | \$147.70 | \$167.07 |
| 1" meter | | | | | |
| Medium/large house (2,000 to 4,000 sq ft) | | 2.50 | \$42.10 | \$73.85 | \$115.96 |

Table 14 Hybrid Approach User Fee Calculation - Residential, High User Fee Estimate Monterey Peninsula Water Management District

| Residential Revenue Requirement | \$2,043,000 | | | | |
|--|-------------|-------------------------------|-------------|---------------|---------------------|
| Meter Equivalents | | Water Use | | | |
| 30% Allocation to Meter Equivalents | \$612,900 | 70% Allocation to Water Use | \$1,430,100 | | |
| Residential Meter Equivalents | 34,100 | Residential Water Use (10 cf) | 24,847,000 | | |
| User Fee - Meter Portion | \$17.97 | User Fee - Water Use Portion | \$0.058 | | |
| | | No. of Meter Equivalents | | | |
| Meter Size | | per Meter Size | Meter Fee | | |
| 5/8 x 3/4" Small house (less than 1,200 sq ft) | | 0.85 | \$15.28 | | |
| Medium house (1,200 to 2,000 sq ft) | | 1.00 | \$17.97 | | |
| Medium/large house (2,000 to 4,000 sq ft) | | 1.15 | \$20.67 | | |
| Large house (4,000 sq ft+) | | 1.15 | \$20.67 | | |
| 3/4" | | 1.50 | \$26.97 | | |
| 1" | | 2.50 | \$44.94 | | |
| 1 1/2" | | 5.00 | \$89.87 | | |
| 2" | | 8.00 | \$143.79 | | |
| 3" | | 15.00 | \$269.60 | | |
| 4" | | 25.00 | \$449.34 | | |
| | | | | | Total Annual |
| Sample Residential Bills | | Meter Equivalent | Meter Fee | Water Use Fee | User Fee |
| 5/8 x 3/4" meter | | | | | |
| Small house (less than 1,200 sq ft) | | 0.85 | \$15.28 | \$25.90 | \$41.18 |
| Medium house (1,200 to 2,000 sq ft) | | 1.00 | \$17.97 | \$40.29 | \$58.26 |
| Medium house (2,000 to 4,000 sq ft) | | 1.15 | \$20.67 | \$80.58 | \$101.25 |
| Large house (4,000 sq ft+) | | 1.15 | \$20.67 | \$161.16 | \$181.83 |
| 1" meter | | | | | |
| Medium/large house (2,000 to 4,000 sq ft) | | 2.50 | \$44.94 | \$80.58 | \$125.52 |

Table 15
Hybrid Approach - Multifamily User Fee Calculation, Low User Fee Estimate
Monterey Peninsula Water Management District

| | | 30% Meter Fee Allocation | 70% Variable Fee Allocation | Total |
|------------------------|--------------------------------|-----------------------------|--------------------------------|-----------------------|
| М | ultifamily Revenue Requirement | \$131,400 | \$306,600 | \$438,000 |
| | | Fee per | | |
| | | Meter | | |
| | Number of Meter Equivalents | Equivalent | | |
| Meter Equivalents | 10,400 | \$12.64 | | |
| | No. of Meter Equivalents per | | | |
| Meter Portion | Meter Size | Meter Fee | | |
| 5/8 x 3/4" | 1.0 | \$12.64 | | |
| 3/4" | 1.5 | \$18.97 | | |
| 1" | 2.5 | \$31.62 | | |
| 1 1/2" | 5.0 | \$63.22 | | |
| 2" | 8.0 | \$101.15 | | |
| 3" | 15.0 | \$189.66 | | |
| 4" | 25.0 | \$316.11 | | |
| 6" | 50.0 | \$632.21 | | |
| 8" | 80.0 | \$1,011.54 | | |
| Average Water Use Po | er Multifamily Unit | | 380 | (10 cf per year) |
| Cost per unit of water | | | \$0.053 | |
| Water Use Fee per Mu | ultifamily Unit | | \$20.05 | |
| Sample User Fee | | | | |
| Calculation | | Meter Fee | Water Use Fee | Total User Fee |
| Duplex with 1" meter | | \$31.62 | \$40.10 | \$71.72 |
| 10 Unit apartment bui | ilding with 2" meter | \$101.15 | \$200.50 | \$301.65 |
| 10 Unit apartment bui | _ | \$316.11 | \$200.50 | \$516.61 |
| 30 Unit apartment bui | ilding with 6" meter | \$632.21 | \$601.50 | \$1,233.71 |

Table 16
Hybrid Approach - Multifamily User Fee Calculation, High User Fee Estimate
Monterey Peninsula Water Management District

| Tota | 70% Variable Fee Allocation | 30% Meter Fee Allocation | | |
|-----------------|--------------------------------|-----------------------------|------------------------------|------------------------|
| \$438,000 | \$306,600 | \$131,400 | tifamily Revenue Requirement | Mu |
| | | Fee per Meter | | |
| | | Equivalent | No. of Meter Equivalents | |
| | | \$13.42 | 9,800 | Meter Equivalents |
| | | | No. of Meter Equivalents per | |
| | | Meter Fee | Meter Size | Meter Portion |
| | | \$13.42 | 1.0 | 5/8 x 3/4" |
| | | \$20.14 | 1.5 | 3/4" |
| | | \$33.55 | 2.5 | 1" |
| | | \$67.09 | 5.0 | 1 1/2" |
| | | \$107.35 | 8.0 | 2" |
| | | \$201.28 | 15.0 | 3" |
| | | \$335.46 | 25.0 | 4" |
| | | \$670.92 | 50.0 | 6" |
| | | \$1,073.47 | 80.0 | 8" |
| (10 cf per year | 380 | | er Multifamily Unit | Average Water Use P |
| | \$0.058 | | | Cost per unit of water |
| | \$21.87 | | ultifamily Unit | Water Use Fee per M |
| Total User Fee | Water Use Fee | Meter Fee | ulation | Sample User Fee Cald |
| \$77.29 | \$43.74 | \$33.55 | | Duplex with 1" meter |
| \$326.05 | \$218.70 | \$107.35 | lding with 2" meter | 10 Unit apartment bu |
| \$554.16 | \$218.70 | \$335.46 | lding with 4" meter | 10 Unit apartment bu |
| \$1,327.02 | \$656.10 | \$670.92 | lding with 6" meter | 20 Unit apartment by |

Table 17
Hybrid Approach - Nonresidential User Fee Calculation, Low User Fee Estimate
Monterey Peninsula Water Management District

| Nonresidential Revenue Requirement | 30% Meter Fee Allocation \$366,000 | 70% Variable Fee Allocation \$853,000 | Total \$1,219,000 |
|---|--|--|-----------------------------|
| · | , , | , , | , , -, |
| METER FEE | | 46.200 | |
| Nonresidential Meter Equivalents | | 16,200 | |
| Nonresidential Meter Fee per Meter Equivalent | | \$22.57 | |
| | No. of Meter | | |
| | Equivalents per | | |
| Meter Size | Meter Size | Meter Fee | |
| 5/8 x 3/4" | 1.0 | \$22.57 | |
| 3/4" | 1.5 | \$33.85 | |
| 1" | 2.5 | \$56.42 | |
| 1 1/2" | 5.0 | \$112.84 | |
| 2" | 8.0 | \$180.54 | |
| 3" | 15.0 | \$338.52 | |
| 4" | 25.0 | \$564.20 | |
| 6" | 50.0 | \$1,128.40 | |
| 8" | 80.0 | \$1,805.43 | |
| WATER USAGE FEE | | | |
| User Classes | Minimum Meter Fee | Unit | |
| Business or Govt Office | \$50.64 | per 10 employees | |
| Hotel/Motel | \$30.85 | per room | |
| Supermarkets | \$250.73 | per location/each business | |
| Medical Office | \$43.27 | per licensed physician | |
| General Hospital | \$113.80 | per bed of licensed capacity | |
| Restaurant 1 meal/day | \$2.33 | per seat | |
| Restaurant 2 meals/day | \$3.64 | per seat | |
| Restaurant 3 meals/day | \$6.99 | per seat | |
| Nightclub | \$223.91 | per location/each business | |
| Takeout Food - small | \$79.02 | 1 cash register or checkout lan | е |
| Takeout Food - medium | \$203.00 | 2 or 3 cash registers or checko | ut lanes |
| Takeout Food - large | \$356.82 | 4+ cash registers or checkout I | anes |
| Bakery | \$97.65 | per location/each business | |
| Theater | \$104.78 | per screen | |
| Mortuary | \$122.82 | per location/each business | |
| School (Grades 0-6) | \$0.87 | per student | |
| School (Grades 7- college) | \$1.75 | per student | |
| Church (less than 100 members) | \$50.64 | per location | |
| Church (more than 100 members) | \$101.28 | per location | |
| Auto Painters/Body Shop | \$50.64 | per 10 employees | |
| Dry Cleaner | \$64.73 | per location/each business | |
| Laundromat | \$20.37 | per each washing machine | |
| Golf Course | \$101.28 | per acre | |
| | 7-0-1 - 0 | F | |

Table 18
Hybrid Approach - Nonresidential User Fee Calculation, High User Fee Estimate
Monterey Peninsula Water Management District

| Nonresidential Revenue Requirement | 30% Meter Fee Allocation \$366,000 | 70% Variable Fee Allocation \$853,000 | Total \$1,219,000 |
|---|--|--|-----------------------------|
| METER FEE | | | |
| Nonresidential Meter Equivalents | | 15,200 | |
| Nonresidential Meter Fee per Meter Equivalent | | \$24.05 | |
| · | No. of Meter | | |
| | Equivalents per | | |
| Meter Size | Meter Size | Meter Fee | |
| 5/8 x 3/4" | 1.0 | \$24.05 | |
| 3/4" | 1.5 | \$36.08 | |
| 1" | 2.5 | \$60.13 | |
| 1 1/2" | 5.0 | \$120.26 | |
| 2" | 8.0 | \$192.42 | |
| 3" | 15.0 | \$360.79 | |
| 4" | 25.0 | \$601.32 | |
| 6" | 50.0 | \$1,202.63 | |
| 8" | 80.0 | \$1,924.21 | |
| WATER USAGE FEE | | | |
| User Classes | Minimum User Fee | Unit | |
| Business or Govt Office | \$55.25 | per 10 employees | |
| Hotel/Motel | \$33.66 | per room | |
| Supermarkets | \$273.57 | per location/each business | |
| Medical Office | \$47.21 | per licensed physician | |
| General Hospital | \$124.16 | per bed of licensed capacity | , |
| Restaurant 1 meal/day | \$2.54 | per seat | • |
| Restaurant 2 meals/day | \$3.97 | per seat | |
| Restaurant 3 meals/day | \$7.62 | per seat | |
| Nightclub | \$244.30 | per location/each business | |
| Takeout Food - small | \$86.22 | 1 cash register or checkout | lane |
| Takeout Food - medium | \$221.49 | 2 or 3 cash registers or che | |
| Takeout Food - large | \$389.32 | 4+ cash registers or checko | |
| Bakery | \$106.54 | per location/each business | at laries |
| Theater | \$114.32 | per screen | |
| Mortuary | \$134.01 | per location/each business | |
| School (Grades 0-6) | \$0.95 | per student | |
| School (Grades 7- college) | \$1.91 | per student | |
| Church (less than 100 members) | \$55.25 | per location | |
| Church (more than 100 members) | \$110.51 | per location | |
| Auto Painters/Body Shop | \$55.25 | per 10 employees | |
| Dry Cleaner | \$70.62 | per location/each business | |
| Laundromat | \$22.23 | per each washing machine | |
| Golf Course | \$110.50 | per acre | |
| City Parks, Cemeteries, Other Irrigated Area | \$110.50 | • | |
| City Faiks, Cemeteries, Other Imgated Area | \$110.50 | per acre | |

Table 19 Hybrid Approach - Nonresidential Sample Bills Monterey Peninsula Water Management District

| Low User Fee Estimate | Meter Fee | Water Use Fee | Total User Fee |
|--|-----------|-----------------|----------------|
| Hotel with 2" meter, 30 rooms | \$180.54 | \$925.52 | \$1,106.06 |
| Office with 1 1/2" meter, 35 employees | \$112.84 | \$202.57 | \$315.41 |
| Restaurant with 1" meter, serves 2 meals/day, 40 seats | \$56.42 | \$145.52 | \$201.94 |
| Commercial building with 2" meter | \$180.54 | | |
| Takeout Food - small | | \$79.02 | |
| Office with 7 employees | | \$50.64 | |
| Retail store with 12 employees | | <u>\$101.28</u> | |
| Total commercial building | \$180.54 | \$230.94 | \$411.49 |
| High User Fee Estimate | | | |
| | Meter Fee | Water Use Fee | Total User Fee |
| Hotel with 2" meter, 30 rooms | \$192.42 | \$1,009.81 | \$1,202.23 |
| Office with 1 1/2" meter, 35 employees | \$120.26 | \$221.02 | \$341.28 |
| Restaurant with 1" meter, serves 2 meals/day, 40 seats | \$60.13 | \$158.78 | \$218.91 |
| Commercial building with 2" meter | \$192.42 | | |
| Takeout Food - small | | \$86.22 | |
| Office with 7 employees | | \$55.25 | |
| Retail store with 12 employees | | <u>\$110.51</u> | |
| Total commercial building | \$192.42 | \$251.98 | \$444.40 |

Bill Impacts

Cal-Am customers had been paying 8.325% surcharge on their bills for the MPWMD user fee. A single family customer would pay between \$30 and \$45 per year depending on water use. The new user fee could range from \$52.72 to \$67.27 per year based on the alternative selected by the District, see Table 20. A small residence, less than 1,200 square feet, could pay even less.

Table 20
Comparison of User Fee Alternatives for Single Family Customer
Monterey Peninsula Water Management District

| Alternatives Variable User Fee Basis | Annual User Fee (Low Estimate) \$52.75 | Annual User Fee (High Estimate) \$57.56 |
|---|--|---|
| Land Use Basis | 56.32 | 67.27 |
| Meter Equivalent Basis | 58.73 | 62.71 |
| Hybrid Approach (medium house) | 53.76 | 58.26 |
| | | |

BWA also recommends that the District implement an appeals process by which customers can contest their user fee. If customers can produce new information regarding their meter size, type of business, or home size, the general manager should have the authority to adjust the user fees as appropriate.

In addition, BWA recommends that MPWMD adopt an appeals process for customers who believe that they should be granted a reduction due to upsizing of their meters to meet fire flow requirements. BWA recommends that MPWMD adjust the user fees for upsized meters according to the current practice of Cal-Am.

Recommended Approach and User Fee Alternative

Cost of Service Approach

The AWWA Manual M1 states that both fixed and variable fees are a valid method of cost recovery. The AWWA Manual M1 describes this cost-causative approach on page 112:

"A cost-of-service approach to setting water rates allocates costs to each customer or customer class based on the theory of cost causation. A dual set of fees – fixed and variable – is an extension of this cost causation theory. A utility incurs some costs associated with serving customers irrespective of the amount or rate of water they use. These types of costs are referred to as *customer costs* and typically are costs that would be recovered through a fixed charge. These costs are usually recovered on a per customer basis or some other non-consumption basis."

The District's function is to manage water resources on a watershed basis to protect supply for current and future use. However, the District is also mindful that major portions of existing water supply shall not be available to present users due to decisions of the Superior Court and the State Water Resources Control Board. Therefore, the District incurs costs from water supply activities, which have a fixed and variable component. Here, "variable" means usage that varies based on property use category. The variable cost component is associated with the average day consumption within the District. Each customer or land use class should pay a portion of the user fee for the actual demand that the customer places on water supply. The fixed cost component is associated with the excess water supply needed to

meet peak demand and long-term build-out demand of the Monterey Peninsula. The District does not release water supplies or acquire new supplies based on minor year-to-year changes in demand. Instead, the decision to acquire new supplies is based on long-term analysis of system-wide maximum demand. Meter equivalents are an appropriate metric to collect fixed costs because meter size reflects the maximum (peak) capacity of each meter.

Recommended Approach

Bartle Wells Associates recommends the hybrid approach as the preferred alternative to calculate the District's user fees. Of the alternatives discussed in this report, the hybrid approach most closely reflects how the District incurs costs. The hybrid approach also creates a conservation pricing signal as recommended by the California Urban Water Conservation Council. The hybrid method of calculating user fee is cost-causative and addresses the CPUC's opposition to the old billing method.

Within this report, BWA provides high and low user fee calculations based on estimates of meter equivalents and water use. BWA recommends that MPWMD adopt rates based on a meter equivalent count of 63,000 meter equivalents and a water unit cost of \$0.055 per 10 cf of water. These parameters accurately reflect the number of meters within the District and the District's cost of securing water supply. The recommended user fees are shown in Tables 21, 22, 23, and 24. For a full list of the nonresidential user fees by type of business see Appendix C.

Table 21
Recommended Single Family User Fee
Monterey Peninsula Water Management District

| | No. of Meter | | | |
|---|-------------------------------|------------------|---------------|--------------|
| Meter Size | Equivalents per Meter Size | Meter Fee | Water Use Fee | |
| 5/8 x 3/4" | | | \$0.055 | (per 10 cf) |
| Small house (less than 1,200 sq ft) | 0.85 | \$14.31 | | , |
| Medium house (1,200 to 2,000 sq ft) | 1.00 | \$16.84 | | |
| Medium/large house (2,000 to 4,000 sq ft) | 1.15 | \$19.36 | | |
| Large house (4,000 sq ft+) | 1.15 | \$19.36 | | |
| 3/4" | 1.50 | \$25.27 | | |
| 1" | 2.50 | \$42.10 | | |
| 1 1/2" | 5.00 | \$84.19 | | |
| 2" | 8.00 | \$134.70 | | |
| 3" | 15.00 | \$252.57 | | |
| 4" | 25.00 | \$420.95 | | |
| Sample Residential Bills | Meter | Meter Fee | Water Use Fee | Total Annual |
| | Equivalents | | | User Fee |
| Vacant house | | based on size of | 50% of non- | |
| | | meter | vacant fee | |
| 5/8 x 3/4" meter | | | | |
| Small house (less than 1,200 sq ft) | 0.85 | \$14.31 | \$24.75 | \$39.06 |
| Medium house (1,200 to 2,000 sq ft) | 1.00 | \$16.84 | \$38.50 | \$55.34 |
| Medium house (2,000 to 4,000 sq ft) | 1.15 | \$19.36 | \$77.00 | \$96.36 |
| Large house (4,000 sq ft+) | 1.15 | \$19.36 | \$154.00 | \$173.36 |
| 1" meter | | • | • | |
| Medium/large house (2,000 to 4,000 sq ft) | 2.50 | \$42.10 | \$77.00 | \$119.10 |

Table 22 Recommended Multifamily User Fee Monterey Peninsula Water Management District

| No. of I | Meter Equivalents | | | |
|--------------------------|-------------------|---------------|---------------|-----------------------|
| Meter Size | per Meter Size | Meter Fee | | |
| 5/8 x 3/4" | 1.00 | \$12.64 | | |
| 3/4" | 1.50 | \$18.97 | | |
| 1" | 2.50 | \$31.62 | | |
| 1 1/2" | 5.00 | \$63.22 | | |
| 2" | 8.00 | \$101.15 | | |
| 3" | 15.00 | \$189.66 | | |
| 4" | 25.00 | \$316.11 | | |
| 6" | 50.00 | \$632.21 | | |
| 8" | 80.00 | \$1,011.54 | | |
| Water Use Fee | | | | |
| Cost per unit of water | | | \$0.055 | (per 10 cf) |
| Average Water Use Per N | Multifamily Unit | | 380 | (10 cf per year) |
| Water Use Fee per Multi | family Unit | | \$20.90 | |
| Sample User Fee Calcula | ition | Meter Fee | Water Use Fee | Total User Fee |
| Vacant building | | based on size | 50% of non- | |
| | | of meter | vacant fee | |
| Duplex with 1" meter | | \$31.62 | \$41.80 | \$73.42 |
| 10 Unit apartment buildi | ing with 2" meter | \$101.15 | \$209.00 | \$310.15 |
| 10 Unit apartment buildi | ing with 4" meter | \$316.11 | \$209.00 | \$525.11 |
| 30 Unit apartment buildi | ing with 6" meter | \$632.21 | \$627.00 | \$1,259.21 |

Table 23
Recommended Nonresidential User Fee
Monterey Peninsula Water Management District

| METER FEE | | |
|------------|---------------------------------|------------|
| | No. of Meter Equivalents per | |
| Meter Size | Meter Size | Meter Fee |
| 5/8 x 3/4" | 1.0 | \$22.57 |
| 3/4" | 1.5 | \$33.85 |
| 1" | 2.5 | \$56.42 |
| 1 1/2" | 5.0 | \$112.84 |
| 2" | 8.0 | \$180.54 |
| 3" | 15.0 | \$338.52 |
| 4" | 25.0 | \$564.20 |
| 6" | 50.0 | \$1,128.40 |
| 8" | 80.0 | \$1,805.43 |

| WATER USAGE FEE | | |
|--|-----------------------|---|
| User Classes | Minimum Water Use Fee | Unit |
| Business or Govt Office | \$52.80 | per 10 employees |
| Hotel/Motel | \$32.17 | per room |
| Supermarkets | \$261.42 | per location/each business |
| Medical Office | \$45.11 | per licensed physician |
| General Hospital | \$118.65 | per bed of licensed capacity |
| Restaurant 1 meal/day | \$2.43 | per seat |
| Restaurant 2 meals/day | \$3.79 | per seat |
| Restaurant 3 meals/day | \$7.28 | per seat |
| Nightclub | \$233.45 | per location/each business |
| Takeout Food - small | \$82.39 | 1 cash register or checkout lane |
| Takeout Food - medium | \$211.66 | 2 or 3 cash registers or checkout lanes |
| Takeout Food - large | \$372.03 | 4+ cash registers or checkout lanes |
| Bakery | \$101.81 | per location/each business |
| Theater | \$109.24 | per screen |
| Mortuary | \$128.06 | per location/each business |
| School (Grades 0-6) | \$0.91 | per student |
| School (Grades 7- college) | \$1.82 | per student |
| Church (less than 100 members) | \$52.80 | per location |
| Church (more than 100 members) | \$105.60 | per location |
| Auto Painters/Body Shop | \$52.80 | per 10 employees |
| Dry Cleaner | \$67.49 | per location/each business |
| Laundromat | \$21.24 | per each washing machine |
| Golf Course | \$105.60 | per acre |
| City Parks, Cemeteries, Other Irrigated Area | \$105.60 | per acre |
| For complete list see Appendix C. | | |

Table 24
Recommended User Fee - Nonresidential Sample Bills
Monterey Peninsula Water Management District

| Vacant | Meter Fee Based on meter size | Water Use Fee 50% of non- vacant fee | Total User Fee |
|--|-------------------------------------|--|----------------|
| Hotel with 2" meter, 30 rooms | \$180.54 | \$964.97 | \$1,145.51 |
| Office with 1 1/2" meter, 35 employees | \$112.84 | \$211.20 | \$324.04 |
| Restaurant with 1" meter, serves 2 meals/day, 40 seats | \$56.42 | \$151.72 | \$208.14 |
| Commercial building with 2" meter | \$180.54 | | |
| Takeout Food - small | | \$82.39 | |
| Office with 7 employees | | \$52.80 | |
| Retail store with 12 employees | | <u>\$105.60</u> | |
| Total commercial building | \$180.54 | \$240.79 | \$421.33 |

Comparable Agencies

MPWMD is unique in that it manages surface and groundwater water supplies, and delivers a portion of the region's water supply from its ASR project as a wholesale provider, but does not deliver water to retail customers. The proposed GWR project will be another source of water for wholesale delivery. BWA surveyed other water agencies in California, and identified four agencies in California that allocate costs to a water supply management function. Each of the agencies surveyed has a different mechanism for recovering water management costs. The Metropolitan Water District of Southern California and the San Diego County Water Authority each have a distinct user charge for their water management services. The Eastern Municipal Water District of Southern California and the Santa Clara Valley Water District recover their water supply management costs through a bundled water rate and do not have a distinct fee. Of the four agencies surveyed, only the San Diego County Water Authority charges for water supply management on a fixed charge basis, see Table 21. The San Diego County Water Authority charge is allocated to the Authority's customer agencies based on a three-year rolling average of water deliveries. This is similar to the hybrid approach to MPWMD's user fee which calculates a revenue requirement per each customer class based on last year's water use.

It should be noted that all of these agencies are wholesalers and the rates shown in Table 21 are the rates that they charge to their customer agencies. These are not the rates that are charged to individual households or businesses. BWA was not able to identify any agencies that charge a specific fee to retail customers for water management services. However, Table 25 illustrates that both fixed and variable charges are commonly used by other water agencies.

Table 25
Comparable Agencies
Monterey Peninsula Water Management District

| Agency Metropolitan Water District of Southern California | Name of Fee Water Stewardship Rate | Purpose of Fee Recovers the cost of MET's financial commitment to conservation, water recycling, groundwater clean-up and other local resource management programs | Type Variable |
|--|--|---|-------------------------|
| San Diego County Water Authority | Customer Service Charge | Recovers administrative costs and programs that benefit the region as a whole including water conservation and local water supply programs | Fixed |
| Eastern Municipal Water District of Southern California | Wholesale Treated Rate | Recovers cost of water supply charges, the cost of lost water, pumping and delivery, readiness to serve costs, capital replacement costs, overhead and administration, and costs to fund regional water conservation programs | Variable |
| Santa Clara Valley Water District | Various fees based on type of water source used by the customer | Recovers cost of water supply and delivery; new sources of supply/alternate water sources are included in the delivered water rate | Variable |

Billing method

MPWMD does not bill customers directly and does not have a billing system in place. Prior to the CPUC decision, Cal-Am included the MPWMD user fee on its monthly bills to customers. Going forward, the MPWMD must determine a new billing method.

One option is for the District to develop a billing department in-house and directly bill customers. This option would require the hiring of several new staff members and the purchase of billing software. The District would also need to manage the printing and mailing of bills, the processing of payments, and the pursuit of delinquent bills.

BWA recommends that the District bill semi-annually on the County's assessors roll. This billing method saves MPWMD the cost of directly billing customers and the Tax Collector assumes the responsibility of collecting on delinquent accounts.

Legal Requirements

To implement a new user fee as described in this memorandum, the MPWMD must meet the procedural and substantive requirements of Proposition 218. Proposition 218, the "Right to Vote on Taxes Act", was approved by California voters in November 1996 and is codified as Articles 13C and 13D of the California Constitution. Proposition 218 establishes requirements for imposing or increasing property related taxes, assessments, fees and charges. The substantive requirements of Prop 218 are described below.

Substantive Requirements for Property Related Fees and Charges

Proposition 218 established a number of substantive requirements that are generally deemed to apply to water and sewer service charges, including:

- **Cost of Service** Revenues derived from the fee or charge cannot exceed the funds required to provide the service. In essence, fees cannot exceed the "cost of service".
- **Intended Purpose** Revenues derived from the fee or charge can only be used for the purpose for which the fee was imposed.
- **Proportional Cost Recovery** The amount of the fee or charge levied on any customer shall not exceed the proportional cost of service attributable to that customer.
- No Standby Fee No fee or charge may be imposed for a service unless that service is used by, or
 immediately available to, the owner of the property. Standby charges shall be classified as
 "assessments" which are governed by Article 13D Section 4.

The language of Proposition 218 provides little guidance on how to interpret the substantive requirements on rates and charges. For example, there is no definition of what constitutes the cost of providing service. Additionally, the courts have provided little guidance to date. Public agencies must rely on their own interpretations and/or those of their legal advisors.

The bottom line is that the District's utility rates should reasonably reflect the cost of providing service to each customer class. BWA believes that rates can recover costs for operations, capital needs, debt service, administration, as well as costs related to the prudent long-term operational or financial management of the utility enterprise, such as maintaining adequate fund reserves or planning for contingencies. Rates for a given service can vary by customer class provided there is reasonable justification for any differences. While Proposition 218 places a number of limitations on the District's rates, BWA believes the District retains substantial latitude to determine actual utility charges, provided such charges are supported by reasonable justification.

This memorandum provides the reasonable justification for the user fee: 1) the purpose of the fee, 2) how the fee is calculated, 3) how the fee is scaled for various customers based on meter equivalents.

Procedural Requirements for Imposing or Increasing Property Related ChargesMPWMD's schedule of Prop 218 procedural requirements is shown on the next page and are described in detail below.

• **Notice of Proposed Rate Increase** - The District must mail a notice of proposed rate increases to all affected property owners. The District has received guidance from its legal advisors that record owners of real property (parcels) must be notified.

The notice must include:

- the amount of the fee or charge (which is commonly interpreted to include the rates upon which the charge will be calculated)
- o the basis upon which the fee was calculated;

- o the reason for the fee or charge;
- the date, time, and location of a public hearing at which the proposed rates will be adopted.

The notice may also need to identify the parcel upon which the fee will be imposed, depending on the District Attorney's legal opinion. However, some attorneys do not believe this requirement necessarily applies to charges imposed as an incident of property ownership, such as water, recycled water, and sewer rates. Some agencies that opt to meet this requirement have done so by simply including the assessor's parcel number on the mailing label.

• **Public Hearing** - The District must hold a public hearing not less than 45 days after mailing the required notices. In practice, the 45-day period should start the day the notices are postmarked. If the notices are postmarked on different days, such as from being sent out in batches, the latest postmark date should apply.

At the public hearing the District must "consider all protests" against the proposed fees or charges. The District's Board would have the authority to adopt any rate at or below the rates included in the Proposition 218 notice.

 Majority Protest - At the public hearing, the proposed rate increases are subject to majority protest. If more than 50% of affected property owners submit written protests against the proposed rate increases, the increases cannot be adopted.

MPWMD Prop 218 Schedule

| STEP | ACTION | WHEN |
|------|---|-------------|
| 1. | Prepare report of General Counsel in support of District authority to collect | Complete |
| | rates, charges, and user fees through contract with County Assessor on tax bills. | |
| 2. | Approve consultant to prepare draft report to support the Ordinance for | February 23 |
| | collection on the Assessor's roll. Prepare report. Describe each real property | |
| | receiving services and the amount of the charge for each parcel for the year, | |
| | computed in conformance with the proposed ordinance. [Assumes no RFP; Sole | |
| | source contract] | |
| 3. | First reading of the proposed rate ordinance by the MPWMD Board of Directors. | April 16 |
| | Requires two-thirds vote. Board sets the second reading date and public hearing | |
| | date for June 12, 2012. | |
| 4. | For Prop. 218 compliance, mail notice of public hearing to the record owner of | April27 |
| | each parcel upon which the fee or charge is proposed to be imposed. The notice | |
| | must include: | |
| | a. the amount of the fee on that parcel | |
| | b. the basis for calculating the fee or charge | |
| | c. the reason for the fee or charge | |
| | d. the time, date and location of the protest hearing | |
| | Must also mail notice to the record owner's address shown on the last equalized | |
| | assessment roll if that address is different than the billing or service address. [At | |
| | least 45 days before public protest hearing] | 4 - 21 20 |
| 5. | Publish notice of protest hearing once a week for 2 successive weeks, with 5 | April 30 |
| 6. | days between publication dates. District mails notice of public hearing to interested parties who have filed | May 20 |
| 0. | written request within prior year [At least 14 days before hearing.] | May 29 |
| 7. | District makes available to the public data indicating the amount of cost, or | June 1 |
| , . | estimated cost, required to provide the service for which charges are levied and | 34.16 1 |
| | the revenue sources anticipated to provide the service, including other sources | |
| | of revenue. [At least 10 days before hearing.] | |
| 8. | District publishes summary of proposed ordinance and posts certified copy of | June 7 |
| | full text of proposed ordinance in District office. [5 days before meeting] | |
| 9. | Hold Prop. 218 public hearing on protests. If a majority of owners or tenants of | June 12 |
| | identified parcels present written protests, the District may not impose the | |
| | charges. [Not less than 45 days after notice is mailed] | |
| 10. | Second reading of the proposed rate increase ordinance by the MPWMD Board | June 12 |
| | of Directors. Requires two-thirds vote. Board adopts report. [Ordinance will need | |
| | to have effective date of | |
| | July 1 written into it, otherwise effective date is 30 days after adoption.] | |
| 11. | Board adopts 2012/2013 operating and capital budget by resolution | June 12 |
| 12. | User fee effective date | July 1 |
| 13. | File with County Assessor a copy of the report prepared pursuant to Section | By August 1 |
| | 5473 of Health & Safety Code and state the report has been adopted by the | |
| | Board. Database of collections transferred to Assessor's office and entered | |
| | against respective parcels.[H&S Code indicates August 10th, but Monterey | |
| | County desires data by August1] | |

APPENDIX A

MONTEREY REGIONAL WATER POLLUTION CONTROL AGENCY

MONTHLY RATE SCHEDULE*

| | MONIALI RAIE SCHE | | |
|---|--|---------------------------------|--|
| | Effective July 1, | 2011 | |
| CATEGORY CODE | DESCRIPTION | MONTHLY RATES | UNITS |
| 001 002 003 004-099 | Business/Gov't 1-10 Employees Business/Gov't 11-20 Employees Business/Gov't 21-30 Employees Rate Increases - \$8.70/every 10 Emplo | 8.70 17.40 26.10 eyees | Location/Each Business |
| 101, 106 102, 105 107, 109 211 | Residential-Vacant Residential/Apartments Condo/Retirement Community Minimum/Vacancy | 7.65 12.75 6.65 | Each living unit Each living unit Location/Each Business |
| 221 222 | Motel/Hotel Bed & Breakfast Inn | 5.30 3.55 | Each room Each room |
| 231 | Supermarkets | 86.15 | Location |
| 241 | Medical Office | 11.15 | Each licensed Physician |
| 242 | Dental Office | 15.10 | Each licensed Dentist |
| 243 | Rest Home/Convalescent | 3.30 | Each bed of licensed capacity |
| 244 | General Hospital | 19.55 | Each bed of licensed capacity |
| 245 | Animal Hospital | 22.90 | Location/Each licensed business |
| 261 262 263 264 | Restaurant 1 meal/day Restaurant 2 meals/day Restaurant 3 meals/day Restaurant with Bar | .80 1.25 2.40 2.40 | Each restaurant seat |
| 265 | Bar | 19.75 | Location/Each bus. |
| 266 | Nightclub | 57.70 | Location/Each bus. |
| 267 | Takeout Food - Small | 27.15 | 1 cash register or checkout line |
| 268 | Takeout Food - Medium | 69.75 | 2 or 3 cash registers or checkout lines |
| 269 | Takeout Food - Large | 122.60 | 4 or more cash registers or |

checkout lines

MONTEREY REGIONAL WATER POLLUTION CONTROL AGENCY Monthly Rate Schedule - Effective July 1, 2011 Page 2

| CATE | | | | | MONTHLY | |
|------|---|---|------------|-------------|----------------------------|----------------------------|
| CODE | | DESCRIPTION | | | RATES | UNITS |
| | 270 | Bakery | | | 33.55 | Location/Each bus. |
| | 281 | Theater | | | 27.00 | Per screen @ each location |
| | 282 283 | Bowling Center Gym 1-500 Me: 289 Rate Increase: | | 70ry 500 mo | 8.70 | Location Each bus. |
| | 290 | Mortuary | 3 70.70/EV | very 500 me | 42.20 | Location/Each bus. |
| | 291 | School (Minimum |) | | 8.70 | |
| | 292293294295 | School (Grades Boarding School | 7-College) |) | .10 .20 2.55 8.70 | School population |
| | 296 297 | Church 1-100 Mer Church Over 100 | | | 8.70 17.40 | Location/Each business |
| | 301 | Photo Developer | | | 8.70 | |
| | | Laboratory Rate Increases \$ | 8.70/ever | y 10 employ | 8.70 yee | Location/Each business |
| | | Printer 326 Rate Increase: | s - \$8.7 | 70/every 10 | 8.70 employe | |
| | 331 | Service Station/ | Garage | | 9.25 | |
| | | Auto Painters, B 346 Rate Increase | | | | |
| | 353 | Dry Cleaner | | | 27.80 | Location/Each business |
| | 354 | Laundromat | | | 7.00 | Each washing machine |
| | 511 | Temporarily Susp | ended | | .00 | |
| | 352 , 401- | 361, 366, 411 | (Special | Users) | Individ | dual determination |

 * These rates do not reflect the city charges assessed on all properties in the $\,$ following cities:

| 40.6% | Monterey (Plus Stormwater Utility Fee \$10.88) |
|-------|--|
| 185% | Pacific Grove |
| 35% | Salinas |
| 66.4% | Seaside, Sand City and Del Rey Oaks |

APPENDIX B: Land Use Basis - User Fees

| Land Use | Avg SFD Count per Parcel | Annual User Fee (high SFD count) | Annual User Fee (low SFD count) |
|----------------------------------|--------------------------|----------------------------------|---------------------------------|
| 1 S.F.D. ON 1 SITE | 1.00 | \$56.37 | \$67.27 |
| 1 S.F.D. ON 2 OR MORE SITES | 1.65 | \$92.87 | \$110.83 |
| 1 SFD ON MULTI-ZONED 1 SITE | 0.56 | \$31.32 | \$37.38 |
| 1 SFD/MULTIFMLY EXTRA LAND | 0.41 | \$22.88 | \$27.31 |
| 1 STORY OFFICE BUILDINGS | 1.59 | \$89.59 | \$106.92 |
| 16 TO 30 UNIT APARTMENTS | 2.59 | \$145.92 | \$174.14 |
| 2 OR MORE S.F.D. ON 1 SITE | 0.86 | \$48.49 | \$57.87 |
| 2 OR MORE SFD & 2 OR MORE SITE | 2.85 | \$160.69 | \$191.77 |
| 2 UNITS ON ONE SITE | 0.62 | \$35.15 | \$41.95 |
| 31 UNITS OR MORE | 6.44 | \$363.16 | \$433.40 |
| 3-4 UNIT APT DEVELOPED SITE | 0.84 | \$47.27 | \$56.42 |
| 5 TO 15 UNIT APARTMENT | 1.41 | \$79.37 | \$94.72 |
| AG PRES, GRZ, BRUSH, DRY FRM | 204.19 | \$11,510.12 | \$13,736.26 |
| AUTO SALES, REPAIRS, STORAGE | 1.91 | \$107.70 | \$128.52 |
| AUTO WRCK/SLVG,OP STRG,SM IMPS | 1.25 | \$70.37 | \$83.98 |
| BANKS & FINANCIAL INSTITUTIONS | 2.77 | \$155.87 | \$186.01 |
| CEMETERIES ETC | 1.83 | \$103.11 | \$123.05 |
| CHURCHES | 2.87 | \$161.71 | \$192.98 |
| COMB OF STORES, OFFICE OR APT | 2.21 | \$124.78 | \$148.92 |
| COMMERCIAL SHELL TYPE BLDGS | 2.33 | \$131.08 | \$156.43 |
| CONDO & TOWNHOUSES LIVING UNIT | 0.56 | \$31.51 | \$37.61 |
| CONDO COM AREA & MISC BLDGS | 1.76 | \$99.09 | \$118.26 |
| FRATERNAL ORGANIZATIONS | 1.89 | \$106.50 | \$127.10 |
| GRAZING, ETC | 7.70 | \$434.22 | \$518.20 |
| HOSPITAL PRIVATE, CONVALESCENT | 5.93 | \$334.16 | \$398.79 |
| HOTEL & MOTEL | 3.60 | \$203.13 | \$242.42 |
| IMPROVED RES USE 11 AC OR MORE | 13.23 | \$745.88 | \$890.14 |
| IMPROVED RES USE UP TO 10 AC | 3.11 | \$175.23 | \$209.12 |
| INDS/RSCH PARK, W/WO STRUCTURE | 6.09 | \$343.06 | \$409.41 |
| INDUSTRIAL CONDOMINIUMS | 0.03 | \$1.52 | \$1.81 |
| LIGHT MFG OR LIGHT INDUSTRIAL | 2.25 | \$126.94 | \$151.49 |
| MED/DENTAL BLDG PET HOSP | 1.80 | \$101.53 | \$121.17 |
| MH & HCD FOUNDATION L & I | 0.90 | \$50.47 | \$60.23 |
| MH LIC BY HCD,LND/SITE_ONLY | 0.02 | \$1.14 | \$1.37 |
| MH,LAND, SITE VALUE & PP | 2.52 | \$142.10 | \$169.59 |
| MINING, QUAR, MIN, PROCES PLANTS | 11.87 | \$669.08 | \$798.49 |
| MISC BLDG | 1.71 | \$96.46 | \$115.12 |
| MISC IMPS 1 OR MORE SFD SITES | 0.26 | \$14.47 | \$17.27 |
| MOBILEHOME PARK | 16.00 | \$901.74 | \$1,076.14 |

| | Avg SFD Count | Annual User Fee | Annual User Fee |
|----------------------------------|---------------|------------------|-----------------|
| Land Use | per Parcel | (high SFD count) | (low SFD count) |
| MULTI STORY OFF BLDGS | 3.71 | \$209.38 | \$249.87 |
| MUSEUMS, LIBRARIES | 5.38 | \$303.33 | \$362.00 |
| NO OTHER CODE APPLIES | 0.46 | \$25.71 | \$30.68 |
| OFFICE CONDOMINIUMS | 0.22 | \$12.50 | \$14.92 |
| PARKING LOTS | 0.17 | \$9.73 | \$11.62 |
| PRODUCE SHEDS & FOOD PROCESS | 2.20 | \$123.93 | \$147.90 |
| PRVT RDS, R/W, LANES, WELL LOT | 4.00 | \$225.36 | \$268.94 |
| PUBLICLY OWNED NON-TAXABLE | 3.70 | \$208.68 | \$249.04 |
| PUBLICLY OWNED TAXABLE | 0.85 | \$47.95 | \$57.23 |
| REC/GOLF/TENNIS RESORTS | 24.04 | \$1,355.33 | \$1,617.46 |
| RES USE VAC 11 TO 40 AC | 8.07 | \$454.89 | \$542.87 |
| RES. USE VAC UP TO 10 AC | 2.50 | \$140.78 | \$168.00 |
| RESTAURANTS, DRV-IN, SPEC BLDG | 1.67 | \$94.12 | \$112.32 |
| ROW CROP | 7.75 | \$437.03 | \$521.55 |
| SBE ASSESSED ROLL ITEMS | 0.82 | \$46.43 | \$55.41 |
| SCE ESM/OPN SP,NEG ESM,NO SUBV | 6.77 | \$381.77 | \$455.61 |
| SCHOOLS, COLLEGES, DAY SCHOOLS | 4.76 | \$268.08 | \$319.93 |
| SERV STATION AUTO OR CAR WASH | 0.83 | \$46.60 | \$55.61 |
| SFD ON COMMERCIAL ZONED LAND | 0.48 | \$27.04 | \$32.26 |
| SHOPPING CENTERS | 6.89 | \$388.60 | \$463.75 |
| SUBURBAN STORES (INDV BLDG) | 2.73 | \$153.79 | \$183.54 |
| SUPERMARKET (NOT IN SHP CTR) | 5.26 | \$296.53 | \$353.88 |
| THEATERS | 4.18 | \$235.69 | \$281.27 |
| UNDEV 41 TO 300 ACRES | 52.85 | \$2,979.32 | \$3,555.55 |
| UNDEVLP 301 OR MORE ACRES | 163.73 | \$9,229.43 | \$11,014.47 |
| UTILITIES ASS'D ON LOCAL ROLL | 1.28 | \$72.15 | \$86.11 |
| VAC S.F.D. 1 SITE | 0.56 | \$31.72 | \$37.86 |
| VAC S.F.D. 2 OR MORE SITES | 7.32 | \$412.73 | \$492.55 |
| VAC ZONED MULTI FAM DWELLING | 0.10 | \$5.90 | \$7.04 |
| VACANT COMMERCIAL | 0.33 | \$18.51 | \$22.09 |
| VACANT INDUSTRIAL | 0.22 | \$12.58 | \$15.01 |
| VACANT TRANSITIONAL | 5.53 | \$311.49 | \$371.73 |
| VINEYARDS | 17.81 | \$1,004.07 | \$1,198.27 |
| WAREHOUSING, MINI STRG, LMBR YDS | 3.86 | \$217.50 | \$259.57 |
| WASTE LND HUNTING OR REC USE | 0.22 | \$12.40 | \$14.80 |
| WATER SYS IMPS ON SCRD ROLL | 0.26 | \$14.69 | \$17.53 |
| WHOLESALE NURSERIES MSHRM HOUS | 1.86 | \$105.11 | \$125.44 |

APPENDIX C: Recommended Nonresidential User Fees

| Al I ENDIA G. Recommended Nom estachtar osci i ees | | | | | |
|---|-----------------------|-----------------------------|--|--|--|
| Description | Catagory Codo* | Recommended Water | Unit | | |
| Description Business/Court 1 to 10 ampleyees | Category Code* 001 | Use Fee per Unit \$52.80 | Unit per location/each business | | |
| Business/Govt 1 to 10 employees Business/Gov 11 to 20 employees | 001 | \$105.60 | per location/each business | | |
| Business/Gov 21 to 30 employees | 003 | \$158.40 | per location/each business | | |
| Rate Increases | 004-099 | \$52.80 | fee increase per every 10 employees | | |
| Minimum/vacancy | 211 | \$26.40 | per location/each business | | |
| Hotel/Motel | 221 | \$32.17 | per room | | |
| Bed and Breakfast | 222 | \$21.54 | per room | | |
| Supermarket | 231 | \$261.42 | per location/each business | | |
| Medical Office | 241 | \$45.11 | per licensed physician | | |
| Dental Office | 242 | \$61.09 | per licensed dentist | | |
| Rest Home | 243 | \$20.03 | per bed of licensed capacity | | |
| General Hospital | 244 | \$118.65 | per bed of licensed capacity | | |
| Animal Hospital | 245 | \$138.98 | per location/each business | | |
| Restaurant 1 meal/day | 261 | \$2.43 | per seat | | |
| Restaurant 2 meals/day | 262 | \$3.79 | per seat | | |
| Restaurant 3 meals/day | 263 | \$7.28 | per seat | | |
| Restaurant w/bar | 264 | \$9.71 | per seat | | |
| Bar | 265 | \$79.91 | per location/each business | | |
| Nightclub | 266 | \$233.45 | per location/each business | | |
| Takeout Food - small | 267 | \$82.39 | 1 cash register or checkout lane | | |
| Takeout Food - medium | 268 | \$211.66 | 2 or 3 cash registers or checkout lanes | | |
| Takeout Food - large | 269 | \$372.03 | 4+ cash registers or checkout lanes | | |
| Bakery | 270 | \$101.81 | per location/each business | | |
| Theater | 281 | \$109.24 | per screen | | |
| Bowling Center | 282 | \$491.59 | per location/each business | | |
| Gym | 283 | \$52.80 | per 500 members | | |
| Rate Increases | 284-289 | \$52.80 | fee increase per every 10 employees | | |
| Mortuary | 290 | \$128.06 | per location/each business | | |
| School Minimum | 291 | \$52.80 | per location/each business | | |
| School (Grades 0-6) | 292 | \$0.91 | per student | | |
| School (Grades 7- college) | 293 | \$1.82 | per student | | |
| Boarding School | 294 | \$23.21 | per student | | |
| Instructional Facility | 295 | \$52.80 | per location/each business | | |
| Church (0 to 100 members) | 296 | \$52.80 | per location | | |
| Church (over 100 members) | 297 | \$105.60 | per location | | |
| Photo Developer | 301 | \$52.80 | per location | | |
| Laboratory | 311 | \$52.80 | per 10 employees | | |
| Rate Increases | 312 | \$52.80 | fee increase per every 10 employees | | |
| Printer | 321 | \$52.80 | per 10 employees | | |
| Rate Increases | 322-326 | \$52.80 | fee increase per every 10 employees | | |
| Service Station | 331 | \$52.80 | per 10 employees | | |
| Auto Painters, Body Shop, Paint Store | 341 | \$52.80 | per location/each business | | |
| up to 10 employees | | | | | |
| Rate Increases | 342-346 | \$52.80 | fee increase per every 10 employees | | |
| Dry Cleaner | 353 | \$67.49 | per location/each business | | |
| Laundromat | 354 | \$21.24 | per each washing machine | | |
| Special Users | | \$52.80 | fee proportional to the average business | | |
| | 351, 352, 361, 366, | | user, not to exceed \$2,500; individual | | |
| | 367, 401-411 | | determination | | |
| Temporarily Suspended (no active | 354 | \$0.00 | per location/each business | | |
| water meter) | | | | | |
| Mobile Home | | \$32.17 | per living unit | | |
| Golf Course | | \$105.60 | per acre | | |
| City Parks, Cemeteries, Other | | \$105.60 | per acre | | |
| Irrigated Area | | | | | |
| *coo Annondiy A | | | | | |

 $[\]label{thm:condition} \mbox{U:\staff\Boardpacket\2012\20120416\PubHrng\12\item\12e_exh\12e.docx} \label{thm:condition}$

*see Appendix A