

Report and Recommendation of the General Manager

Revisions to the Water and Wastewater System Schedule of Rates and Charges, and Other Fees Not Subject to Proposition 218, and Regulations for Fiscal Year 2017



*East Bay Municipal Utility District
Oakland, California*

May 2016

Report and Recommendation of the General Manager

***Revisions to the Water and Wastewater System
Schedule of Rates and Charges, and Other Fees Not
Subject to Proposition 218, and Regulations
for Fiscal Year 2017***

*Submitted to the Board of Directors
by Alexander R. Coate, General Manager
May 10, 2016*

East Bay Municipal Utility District

East Bay Municipal Utility District

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Revisions to the Water and Wastewater System
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EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: May 10, 2016

MEMO TO: Board of Directors

FROM: Alexander R. Coate, General Manager *ARC*

SUBJECT: Revisions to the Water and Wastewater System Schedule of Rates and Charges, and Other Fees Not Subject to Proposition 218, and Regulations for Fiscal Year 2017

In 2001, the District began implementation of a two-year budgeting and rate setting process. Every two years as part of this biennial budget process, the Board considers and adopts both the budget, and rates and charges for two consecutive fiscal years. As part of the biennial budget process, the General Manager files a report and recommendation on the proposed rate adjustments and detailed budget documents with the Board in April. Biennial budget workshops are usually held in April, and a public hearing is held in June prior to the start of the fiscal year on July 1st. Proposed rate adjustments as part of the biennial budget process are subject to the requirements of Proposition 218, which requires that all customers are sent a notice of the public hearing. On June 9, 2015, the District adopted a biennial budget for FY16-FY17 and accompanying rates and charges, including the FY17 rate increase of 7% for the Water System and 5% for the Wastewater System, which will be effective July 1, 2016.

In addition to the rates that are adopted as part of the biennial process, some rates such as capacity fees are updated and approved as part of a mid-cycle update. For FY17, staff is proposing to update the capacity fees and several other fees and charges that are not subject to the requirements of Proposition 218. Only fees and charges for the District's ongoing water and wastewater services are subject to Proposition 218's requirements as property-related services. This report contains the FY17 proposed changes to the rates for the System Capacity Charge (SCC), the Standard Participation Charge (SPC), and Water Demand Mitigation Fees, Wastewater Capacity Fees and other fees that were not contained in the biennial rate approval in 2015. The following is a summary of the proposed changes:

Water System

- Increase the fees in Schedule B – Account Establishment Charge to reflect the labor costs to set up new accounts.
- Update the fees in Schedule C – Charges for Special Services based on analysis of the District's labor, materials and county lien charges.
- Increase the Real Property Use Application Fees to reflect the updated labor costs to review applications.

- Update Public Records Act Fee Schedule with the FY16 labor costs for duplication and programming.
- For the SCC, SPC, and Water Mitigation Fees, update the water system assets and cost components used in the calculations, move non-residential 2 inch meters into the larger meter category, and update the language on the minimum SCC credit for larger meters.

Wastewater System

- For the Wastewater Capacity Fees (WCF), update the wastewater system assets and cost components used in the calculations and implement the fourth year of the five-year phase-in of impact of change in build-out capacity approved by the Board in 2013.

A Board workshop on the changes to the rates and charges and review of the mid-cycle budget is scheduled for May 24th. A public hearing on the recommendations contained in this report will occur on June 14th and the Board will consider adoption of the recommendations at the June 14th Board meeting.

The changes to water and wastewater charges, fees and regulations are recommended to be effective as of July 1, 2016, with the exception of changes to SCC, SPC, Water Mitigation and Wastewater Capacity fees that are proposed to be effective on August 15, 2016, or sixty days following adoption by the Board.

ARC:SDS:RL:rl

1. Water System Rates Charges and Fees

Chapter 1 – Water System Rates, Charges and Fees

INTRODUCTION

This report recommends revisions to District charges and fee that are in addition to the Fiscal Year 2017 (FY17) changes to Water and Wastewater System rates, fees, and charges previously adopted as part of the FY16-FY17 Biennial Report and Recommendation of the General Manager. These rates are not subject to the requirements of Proposition 218.

Copies of the fees and charges recommended for revisions are shown under Tab 5 of this report.

The District periodically reviews the rates and charges in the Schedules of Water System Charges to ensure that the fees and charges reflect the District's cost of service. For the FY17 rates and charges, the following schedules and fees are recommended for update:

- Schedule B - Account Establishment Charge
- Schedule C - Charges for Special Services
- Real Property Use Application Fees
- Public Records Act Fee Schedule and District Publication Fees

Schedule B – Account Establishment Charge

Based on the analysis of the District's cost to set up a new account or to transfer an account for a customer moving from one address to another, the Account Establishment Charge is proposed to increase from \$40 to \$52 in FY17. The charge for customers who use the EBMUD website to sign up online for a new account is lower to reflect the labor cost savings. The Account Establishment Charge for online customers increases from \$20 to \$36 in FY17. The Account Establishment Charge for customers who qualify for the Customer Assistance Program (CAP) will be \$26 in FY17, which is consistent with the CAP 50% discount on charges for monthly water service. The CAP is subsidized from the property tax revenues that the District receives.

Schedule C - Charges for Special Services

Schedule C contains the charges for special customer services such as the metering testing program, backflow prevention program, lien program, public hydrant meters, and service interruptions. After a detailed review of the cost to provide each of the services, the following recommended changes are proposed for FY17.

Meter Testing Charges

The District is responsible for the maintenance and replacement of all water meters, and recovers those costs through the monthly water service charge. When the District suspects or determines a water meter is not functioning properly, the District tests and/or replaces the malfunctioning meter. When a meter is tested at the sole request of the customer, the District bills the customer a Meter Testing Charge based on the size of the meter to recover the cost of performing this work. If the

meter is found to be over-registering water consumption, the meter testing fee is refunded. For FY17, the meter testing charges are proposed to increase by approximately 5%, reflecting actual District costs.

Service Interruption Charges

If the District is unable to collect or establish and maintain payment arrangements for payment of unpaid water bills, the District will discontinue water service to the customer. Initially, the water service is shut off at the meter, which would trigger a Service Trip Charge. The service trip charge is proposed to increase in FY17 from \$43 to \$45. After the customer pays the delinquent charges owed to the District, another Service Trip Charge is assessed to restore the service. If the customer requests the service be restored after normal business hours, an after-hours Service Trip Charge is assessed. The after-hours Service Trip Charge is proposed to be \$62 for FY17, currently \$50. If it is determined that the customer tampered with the water meter after the District has shut off water service, a \$1,000 Water Theft Penalty will be charged and an S-Lock will be placed over the meter at a charge of \$57; the S-Lock Service Interruption Charge is a new charge for FY17. If the customer is determined to have tampered with the S-Lock, the meter will be plugged at a proposed FY17 Plug Service Interruption Charge of \$394, currently \$350.

Returned Payment Charge

The cost to the District to process a returned check or electronic transaction received as payment was calculated to be \$25. The proposed FY17 returned payment charge is proposed to decrease from \$27 to \$25.

Lien Program Fees

The Lien Program Fees have been amended to reflect the District's staff costs and the fees charged to the District by Alameda and Contra Costa Counties to record and remove the liens. The updated review identified a need to increase the lien removal fees to fully recover the District's costs. The Lien Removal Fee in FY17 is proposed to increase to \$152 for Alameda County, currently \$71, and \$144 for Contra Costa County, currently \$64. The property tax transfer fee without liens recorded has been removed because this procedure is no longer performed.

Wasteful Use Charge and Flow-Restrictor Installation

If the District suspects that a customer is using water in a wasteful manner, District staff contacts the customer and investigates the customer's water use. If it is determined that the customer is violating the District's water service regulations on water waste, a Wasteful Use Charge, will be charged to recover the cost of monitoring the customer's ongoing water use. The Wasteful Use Charge for FY17 is proposed to be \$45, currently \$46. If the customer continues to violate the water service regulations on water waste, a flow restrictor may be installed at the customer's expense. The cost of installing the flow restrictor has been updated for FY17, increasing the Flow-Restrictor Installation Charge from \$53 to \$113 for small meters under 1½ inches and from \$187 to \$243 for 1½ and 2-inch meters.

Commercial Backflow Device Annual Certification and Violation Charges

To ensure that the water system is not compromised by contaminants, pollutants or plumbing hazards, the District requires a backflow prevention device on some commercial water service connections. A Backflow Device Annual Certification Charge is assessed to fund the cost to administer the program and is proposed to be \$53 for FY17, currently \$59. The District maintains a list of certified private companies that can perform the required backflow test. For a company to be included on the list of certified backflow testers, the District charges a Certified Tester Listing Charge. The Certified Tester Listing Charge for FY17 is proposed to be \$148, currently \$100. If it is determined that a customer has violated the District's backflow prevention requirements, the District charges a Commercial Backflow Device Violation Charge, which is proposed to increase from \$199 to \$470 in FY17, to recover the District's costs to shut off the water service and restore the service once the District verifies that the backflow requirements have been met.

Intervening Water Service Agreement

The District has a program that automatically transfers a property's water service account to the landlord when a tenant who is the EBMUD account holder terminates service. This program allows for water service to continue uninterrupted while the property is vacant without the landlord having to open a new account and pay an Account Establishment Charge for that property. There is a one-time processing fee for the Intervening Water Service Agreement, to recover the administrative costs to set up the agreement. For FY17, the Processing Fee for Intervening Water Service Agreement is proposed to increase from \$27 to \$55.

Service Trip Charge

The Service Trip Charge is proposed to increase from \$43 to \$45 in FY17. Service Trip Charges recoup the cost of sending a Field Services Representative or other District staff to a service for payment collection, payment extension, service interruption and restoration, and other similar account related stops.

Public Hydrant Meter Account Establishment and Site Visit Charges

The hydrant meter program provides customers with a 3-inch hydrant meter that can be hooked up to a public fire hydrant to meter water use when temporary water service has been approved by the District. The Public Hydrant Meter Account Establishment and Renewal charge to establish and annually renew the hydrant meter account is proposed to increase in FY17 from \$89 to \$109, which recovers the District's costs. The hydrant meter program relies on customers to regularly self-report meter readings and periodically exchange their meters. When a customer does not follow the terms of the agreement, a Hydrant Meter Account Site Visit Charge is charged to recover the cost of investigation and site visits by a Field Services Representative or other District staff to recover the meter. For FY17, the Hydrant Meter Account Site Visit Charge is proposed to be \$217, currently \$215.

Real Property Use Application Fees

The District may allow for use of its property by other public agencies or private entities after evaluating if the proposed use adversely impacts District operations, is compatible with District land management policies and practices, and if there are measurable benefits to the District. The Real Property Use Application Fee schedule recovers the cost of evaluating the applications based on the type of use being requested.

This fee schedule was last updated in 1997. For FY17, the District updated fees to recover the full cost of real estate staff time required to process the transactions. Because the fees had not been updated in 20 years, there are significant increases in the Real Property Use Application Fees shown in Tab 4. For the FY17 update, subcategories and fees for several use applications have been created for routine reviews that do not require significant real estate staff investigations – Fee Title for Properties for Sale \$2,000 (currently \$2,000), Easements Utility Type Fee \$2,000 (currently \$1,000), Quitclaim of Pipe Abandonment Fee \$1,000 (currently \$1,000) and Temporary Construction Easement/Encroachment Permit Fee on open land (no District facilities) \$600 (currently \$100). The majority of the use applications submitted to the District are for Revocable License Fee, proposed to increase from \$500 to \$1,600 in FY17, Lease Fee, proposed to increase from \$600 to \$2,000 in FY17, Telecommunications Lease Fee, proposed to increase from \$2,000 to \$3,400 in FY17, and Temporary Construction Easement Fee, proposed to increase from \$100 to \$600 on open land and \$2,200 other in FY17.

Public Records Act Fee Schedule and District Publication Fees

We are recommending revisions to the fee schedule that covers the costs of duplication of District records in accordance with the Public Records Act. The recommended changes to the fee schedule include updating the cost of duplication and programming labor charges to reflect direct labor costs for the job classifications of administrative assistant and senior systems programmer.

2. Water System Capacity Charges

Chapter 2 – Water System Capacity Charges/ Water Demand Mitigation Fees

INTRODUCTION

There is a continuing need to construct both water supply and water distribution system improvements to assure that there will be reliable and secure water service for each new connection to the District's system. The System Capacity Charge (SCC) was first established in 1983 as a means of assessing applicants an appropriate share of the costs of water distribution capital improvements within the SCC regions of the District. In 1986, an appropriate share of the costs of future water supply improvements was added to the SCC.

All applicants for water service are required to pay the SCC when the installation of a new service or upsizing of an existing connection is needed. The SCC is applied on a regional basis (See Exhibit 1 for map), and the SCC charge is updated annually to reflect construction cost escalation for facilities that have already been built or increased cost estimates for facilities yet to be constructed and financed.

In Fiscal Year 2008 (FY08), the Board adopted the recommendations of the SCC Study performed by a rate consultant. The proposed FY17 SCC rates are based on updates to calculations from that study, the details of which are contained in Exhibit 2. The SCC consists of three components:

1. A System-wide Buy-In Component, which is calculated to recover a portion of the cost of existing facilities that serve the system as a whole;
2. A Regional Buy-in Component, which is calculated to recover a portion of the costs of existing facilities that serve one of the three SCC Regions (notably treatment plant and distribution facilities); and
3. A Future Water Supply (FWS) Component, which is calculated to recover a portion of the costs of future water supply projects that are allocated to new connections.

The District also has a Standard Participation Charge (SPC), a District-wide connection charge that is applicable to only a few remaining contracts for service entered into prior to 1983 that was first established in 1978. The SPC was designed to recover the District-wide average cost of distribution facilities constructed to serve new connections and was superseded by the SCC in 1983. A FWS Component was added to the SPC in 1986. The SPC charge is calculated to recover the latest Water Supply Management Plan costs and will continue to be less than the SCC charge in most regions. Customers eligible for service under the SPC regulations can pay for service under the more favorable of either of the SPC or SCC terms and conditions.

RECOMMENDATIONS

1. Adopt the FY17 Schedule J for the Water System Capacity Charge (SCC). All regions reflect updates for the construction of additional facilities, construction cost escalation, financing costs, and revised estimated costs to complete the Future Water Supply projects.

2. Adopt the change to the SCC for Standard Service to require non-residential applicants with 2-inch meters to follow Section A.3 SCC for Larger Meters of Schedule J, which uses an individual determination of water use to calculate the SCC.
3. Adopt the change to the SCC credit language where an SCC was not paid on the existing service to establish the minimum credit given to applicants with larger meters as the credit given to the 1½-inch meter, which corresponds to the approach for the minimum SCC charge for larger meters for new connections.
4. Adopt the FY17 Schedule H for the Standard Participation Charge (SPC) that reflects the allowable cost for facilities necessary to serve applicants who had separate facility agreements with the District prior to July 1, 1983.
5. Adopt the FY17 Schedule N for Water Demand Mitigation Fees for “The Wendt Ranch,” “The Meadows,” “The Wiedemann Ranch Development,” the “Camino Tassajara Integrated Project” and the “Gale Ranch Phase II” projects, which reflect the latest proposed costs for the Future Water Supply Component of the SCC. In addition, the Water Use Offset Fees and Additional Water Use Offset Fees for “The Wiedemann Ranch Development” have been updated to reflect the latest U.S. City Average of the Consumer Price Index.

The changes and updates recommended for the SCC, SPC and Water Demand Mitigation Fees will be effective on August 15, 2016 or sixty days following adoption by the Board. These rates are not subject to the requirements of Proposition 218.

DISCUSSION

In 2007, with the assistance from a rate consultant, the District revised its approach to the System Capacity Charge and established the system-wide and regional buy-in components. Pursuant to the methodology outlined in the consultant report, the proposed System Capacity Charges have been updated for the Engineering News Record Construction Cost Index escalation to reflect increasing costs to reproduce existing plant assets needed to serve prospective customers. The updated asset values used in the proposed FY17 SCC rate calculations as laid out in the consultant report are shown in Exhibit 2. The Future Water Supply Component was also updated for FY17.

SCC Rate Calculations

The proposed SCC rates are shown in Table 1 for a 3/4-inch meter for single-family residential and 5/8-inch meter non-residential customers. These meter connections account for the majority of all future water service connections. Larger meters pay proportionately more based on the estimated usage of the new connections. Non-residential connections pay more in some regions due to higher consumption.

Table 1: Updated SCC Rate Charges

Region	Water Consumption		Unit Costs \$/100 gpd	Capacity Charge	
	Residential 3/4" (gpd)	Non Res 5/8" (gpd)		Residential 3/4" \$ (% incr)	Non Res 5/8" \$ (% incr)
Region 1	280	400	\$5,979	\$16,740 (2.3%)	\$23,920 (2.3%)
Region 2	360	535	\$8,067	\$29,040 (2.2%)	\$43,160 (2.2%)
Region 3	580	625	\$6,388	\$37,050 (2.3%)	\$39,930 (2.3%)
Region 3C	775	775	\$11,173	\$86,590 (3.3%)	See Note 1
Region 3D	775	775	\$12,500	\$96,870 (3.2%)	\$96,870 (3.2%)

Note 1: Calculated based on a 1993 Agreement with HCV & Associates Ltd., Wiedemann Ranch, Inc., and Sue Christensen.

The SCC charge for each region is derived from the sum of the unit charges of each of the SCC components and then multiplied by the estimated average daily water consumption in that SCC region as listed in Table 1. The District has determined average daily water consumption values for non-residential service meters up through 2 inches and single-family service connections up through 1½ inches within each SCC region, and established SCC charges based on those averages. For larger meter sizes, the SCC charge is determined using the same methodology as for smaller meters but calculated on a case-by-case basis from the unit charges of the three SCC components and multiplied by the estimated required demand of the requested service installation.

Applicants for non-potable water service have their SCC charge calculated based solely on the FWS Component. These customers are not served by the potable water system; they are served through a separate non-potable water system.

SCC Unit Charges

Table 2 shows the breakdown of the unit charges for individual components: system-wide buy-in; regional buy-in; post-2000 component (for special regions only); and future water supply costs by region.

The SCC for the two remaining special regions 3C and 3D recover the costs of the additional facilities that were built to serve new connections in the region; costs associated with these facilities are being referred to in Schedule J as the “post-2000 component” unit charge. The regional buy-in unit costs for special regions 3C and 3D are lower than the region 3 regional buy-in unit costs to account for distribution pumping and reservoir costs that are already included in the post-2000 component.

Table 2: Updated SCC Unit Charges

Region	Unit Charges \$/100 gpd				
	System-Wide Buy-In	Regional Buy-In	Post 2000	Future Water Supply	Total
Region 1	\$2,032	\$2,027		\$1,920	\$5,979
Region 2	\$2,032	\$4,115		\$1,920	\$8,067
Region 3	\$2,032	\$2,436		\$1,920	\$6,388
Region 3C	\$2,032	\$1,828	\$6,720	\$593*	\$11,173
Region 3D	\$2,032	\$1,828	\$6,720	\$1,920	\$12,500

*The FWS Component for Region 3C is \$593 per 100 gpd based on the 1993 Agreement with HCV & Associates Ltd., Wiedemann Ranch, Inc. and Sue Christensen.

The SCC unit charges are calculated by dividing the current asset values by the 2030 demand numbers from Tables 10, 11 and 16 in Exhibit 2, which are summarized in Tables 3-5 below:

Table 3: SCC Asset Values

Asset Category	Asset Value
System-Wide Buy-In	\$4,309,232,998*
Regional Buy-In Region 1	\$2,351,781,558
Regional Buy-In Region 2	\$1,238,904,209
<u>Regional Buy-In Region 3</u>	<u>\$1,605,819,731</u>
Regional Buy-In Total	\$5,196,505,498**
Adjusted Asset Values Used in Buy-In Unit Costs	\$9,505,738,496***
Future Water Supply	\$ 1,035,000,000

*Exhibit 2 Table 11 line 2

**Exhibit 2 Table 12 line 10

***Exhibit 2 Table 10 line 6

Table 4: SCC 2030 Demand

	Customer Demand MGD
Base Demand	158.2
Additional Demand	53.8
Total 2030 Demand	212.0

Table 5: SCC 2030 Demand by Region

REGION	Total Demand (MGD)	per SFR Connection (gpd)	per Non Res Connection (gpd)
Region 1	116.0	280	400
Region 2	30.1	360	535
Region 3	65.9	580	625
Total	212.0		

Future Water Supply Component Details

The unit cost of the FWS Component for FY17 will increase from \$1,870 per 100 gpd to \$1,920 per 100 gpd, an increase of 2.7%, as a result of cost changes to current and future projects and updates to the costs of financing for those projects that have already been completed. The revised costs for these projects are shown in Table 6 and are described below. The total FWS cost allocated to the SCC is divided by the total future demand of 53.8 MGD to calculate the unit cost of the FWS Component.

Table 6: Future Water Supply Project Costs and Unit Rate

FY17 Future Water Supply Projects (\$ millions)				
		Costs Allocated to SCC		
		Allocated Costs*	Allocated Capitalized Interest**	TOTAL
Major Projects	Total Costs			
Completed Projects				
WSMP Study and EIR Costs	\$77			
Water Recycling	139			
Freeport Regional Water Project	488			
Local Ground Water and Intertie	36			
Central Valley Project Capital Facilities	11			
Subtotal	751	526	223	749
Future Projects	408	286	-	286
TOTAL	\$1,159	\$812	\$223	\$1,035 ***
Future Water Supply Unit Rate	\$1,035 Million/53.8 MGD = \$1920 per 100 gpd			

*70% of the Total Costs are allocated to the Future Water Supply Component of the SCC.

**Capitalized Interest represents the financing costs of expenditures for water supply projects that were undertaken since 1986.

**The comparable amount used in the FY16 SCC calculation was \$1,006 million.

The Future Water Supply Project costs allocated to the SCC includes \$751 million for completed projects including financing costs and an additional \$286 million for future projects.

Completed Projects

Completed projects include \$77.4 million for study and EIR costs, \$139 million for current reclamation projects, \$488 million for the Freeport Regional Water Project, \$36 million for local groundwater and intertie projects, and \$11 million for the Central Valley Water Project facilities.

The current recycled water projects include the initial phase of the East Bayshore Recycled Water Project, the District's portion of the Dublin-San Ramon Services District (DSRSD) - EBMUD Recycled Water Authority (DERWA) Project, North Richmond Recycled Water Project, and other recycled water irrigation projects.

The District's portion of the expenses to construct the Freeport Regional Water Project (FRWP) and the associated Folsom South Canal Connection (FSCC) reflects the current cost information. The FRWP is a joint project with Sacramento County Water Agency. FRWP at its peak capacity can divert and treat up to 185 million gallons of water per day from the Sacramento River near the town of Freeport. The total cost of the joint project is approximately \$922 million. The District's portion of the costs is approximately \$488 million, which includes the above-mentioned intake system, pipelines and pump stations, as well as project management costs incurred by the District. FRWP has the capacity to provide the District with up to 100 million gallons of water per day.

As part of the future water supply programs, the District has completed Phase 1 of the Bayside Groundwater Project and an intertie project with Hayward-San Francisco. The intertie serves to provide an emergency connection to the San Francisco Public Utilities Commission's Hetch Hetchy water system. Construction was completed in FY09.

Capital facilities of the Central Valley Project (CVP) that are allocated to the District are included in the Future Water Supply Projects.

Future Projects

Future projects in the Future Water Supply program include conjunctive use projects, water transfers, and expansion of local groundwater and water recycling projects. Conjunctive use projects (including groundwater banking and storage options) are being developed with multiple San Joaquin County, Calaveras County and Amador County water agencies. The District water transfer efforts are focused on developing long-term dry-year water transfer agreements, but the District will also continue to implement temporary, short-term water transfers as needed. Phase 2 of the Bayside Groundwater Project is included. Another \$197 million is expected to be spent on future expansion of both the East Bayshore and DERWA projects as well as other water recycling projects in the San Ramon Valley, San Leandro, Richmond, Rodeo, and surrounding areas. The District has been participating in the Regional Desalination Project and the Bay Area Regional Reliability effort, but it is premature to include any future project costs from these efforts in the Future Water Supply plan. The District is also investigating partnering with the Contra Costa Water District to obtain storage capacity in the Los Vaqueros Reservoir.

SCC For Standard Service

Currently, when an applicant applies for residential or non-residential water service, the District determines the meter size required to serve the customer's water demand. If the required meter size is 2 inches and smaller for non-residential premises, or 1½ inches and smaller for residential premises, the SCC is determined based on the meter size and region. The tables shown in Sections A.1 and A.2 of Schedule J list the SCCs based on the corresponding meter size and region. Because the variability in water demand among customers with larger meters can result in significant differences in SCCs, a fixed table for SCCs cannot be used for larger meters. The SCCs for non-residential meters larger than 2 inches and residential meters larger than 1½ inches are calculated based on analysis of the individual customer's average annual

expected water use. In addition, Section A.3 of Schedule J (“SCC for Larger Meters”) specifies that the SCC for larger meters cannot be less than the SCC for a 2-inch meter for non-residential meters and 1½-inch meter for residential meters listed in the tables shown in Sections A.1 and A.2 of Schedule J. In review of the SCC distinction between the fixed table approach for calculating SCCs for small meters and the individual approach for calculating SCCs for larger meters, it was determined that the variability in water use for 2-inch non-residential meters can cause a significant difference in the assessed SCC that warrants the removal of the 2-inch non-residential meter from the fixed SCC table.

For FY17, staff recommends that the fixed table approach for calculating SCCs by meter size for non-residential applicants be limited to meters 1½ inches and smaller, which is consistent with the current approach for residential applicants. If adopted, the District will calculate the SCC based on an individual analysis of expected average annual water use for all applicants that require meters larger than 1½ inches. The same change in approach for meters larger than 1½ inches will be applied to the charges in Schedule N – Water Mitigation Fees. Reference to District’s regulations on metering requirements for multi-family premises was added to Schedule J and Schedule N.

SCC Credit

When an existing water service is replaced with a larger meter or separated into multiple meters on the original premises, the applicant could receive credit for their existing meter towards the new SCCs due for the replacement meter(s). If an SCC was paid on the existing meter (applies to all meters installed after 1982), a credit will be given toward the new SCC based on the customer classification, meter size or water use information that was used to calculate the initial SCC payment; such credit will reflect the SCC values of the current Schedule J. If the existing water service was installed prior to 1983 and no SCC was paid on the original meter, the SCC credit will depend on the size of the meter. For residential meters 1½ inches and smaller and non-residential meters 2 inches (proposed FY17 change to 1½ inches) and smaller, the SCC credit is currently based on the fixed tables of SCCs by meter size and SCC region listed in Sections A.1 and A.2 of Schedule J. Consistent with the approach for the SCC for larger meters for new connections, the SCC credit for larger meters installed prior to 1983 is based on individual analysis of the water use at the existing service over the prior 10 years.

The SCC credit language in Section G Credit for Existing Services of Schedule J is proposed to be updated so that the minimum credit given to larger meters is equal to the credit given to the 1½-inch meter from Sections A.1 and A.2 of Schedule J. This update corresponds to the approach for the minimum SCC for larger meters for new connections shown in Section A.3 SCC for Larger Meters of Schedule J. In the proposed update of Schedule J, a statement was added to the SCC credit language to reinforce that the SCC credit can only be applied to the premises where the existing service is located.

Exhibit 1

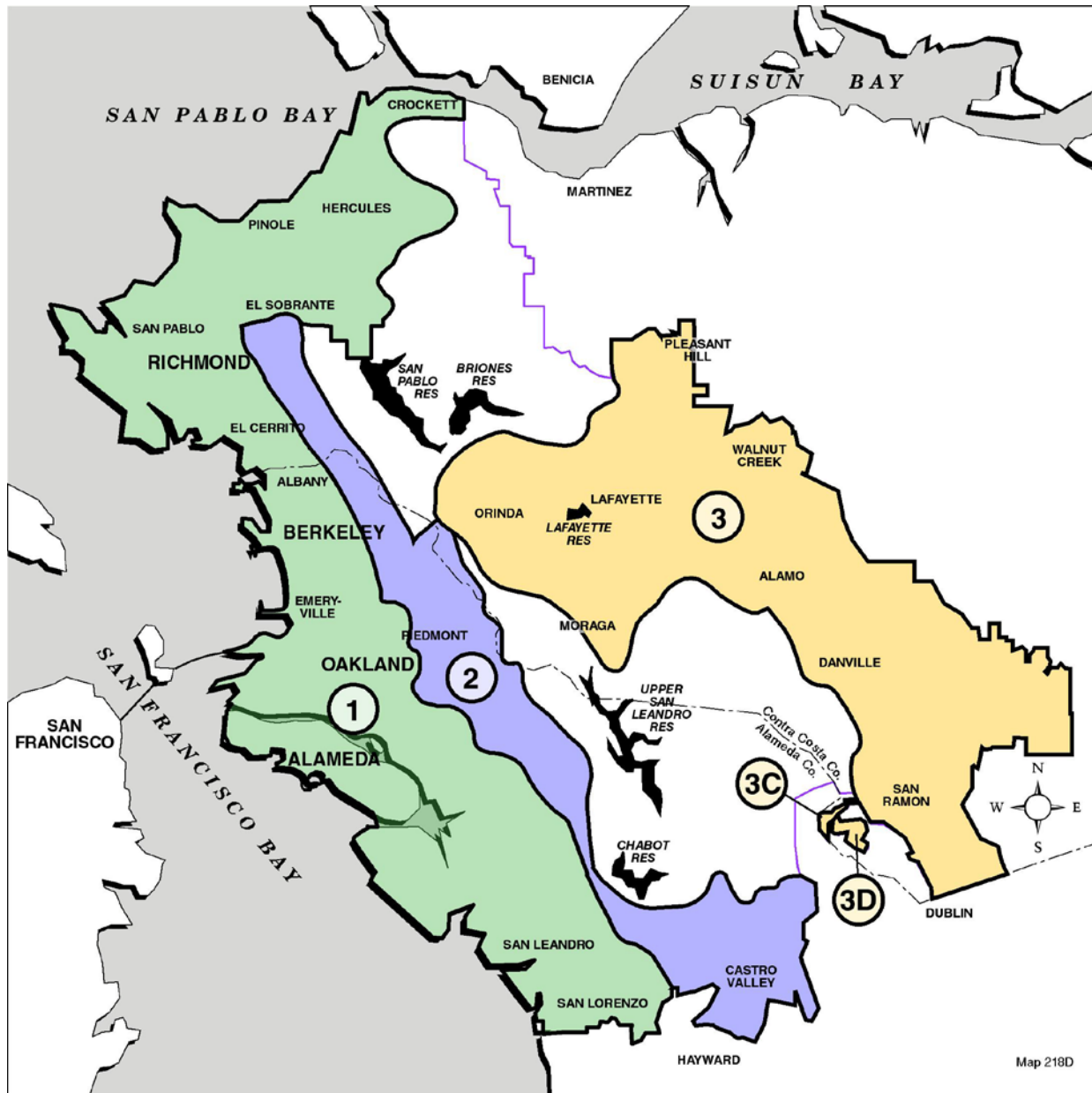
**East Bay Municipal Utility District
Distribution System SCC Regions**

Exhibit 2

Table 7. EBMUD Water SCC Review

Water System Fixed Asset Balances (as of 1/1/2016)

Account	Description	Original Cost	Current Value ENR	Allocation
			2016*	
1001	Auto Control System	\$69,616,886	\$125,631,637	System-wide
1005	Hydroelect Power Generation	\$50,165,544	\$138,810,558	System-wide
1015	Source of Water Supply	\$116,244,212	\$773,905,697	System-wide
1025	Raw Wtr Transmission	\$326,793,370	\$2,133,561,892	System-wide
1060	Raw Wtr Trans Pump	\$40,844,897	\$117,340,075	System-wide
1080	Terminal Reservoirs	\$193,360,238	\$877,915,938	System-wide
1100	Water Treatment	379,876,736	\$837,309,721	By Region
1130	Distribution Pumping	176,813,081	\$331,287,781	By Region
1140	Distribution Reservoirs	338,690,760	\$971,951,505	By Region
1166	Distribution Mains	1,133,134,095	\$3,802,704,865	By Region
1170	Distribution Aqueducts	89,169,460	\$303,255,742	By Region
1175	Pressure Regulators	30,625,255	\$63,437,698	By Region
1180	Venturi Meters & Cath Prot Sta	6,032,937	\$11,591,643	By Region
1185	Distribution Hydrants	55,112,392	\$193,088,842	By Region
1200	General Plant Structures	\$217,567,238	\$388,961,550	System-wide
1205	Equipment-Trans & Constr	\$50,498,327	\$73,832,748	System-wide
1210	Equipment-Office	\$19,922,148	\$32,849,509	System-wide
1215	Equipment- Eng & Lab	\$3,699,288	\$6,464,328	System-wide
1220	Equipment-Tools & Work	\$4,516,067	\$7,914,511	System-wide
1225	Equipment- Stores	\$7,894	\$13,514	System-wide
1230	Equipment- Shop	\$1,688,016	\$2,996,128	System-wide
1300	Land Source of Supply	\$7,832,091	\$100,349,572	System-wide
1310	Land Raw Wtr Trans	\$3,710,592	\$47,559,264	System-wide
1315	ROW Raw Wtr Trans	\$1,229,538	\$3,229,056	System-wide
1320	Land Terminal Reservoirs	\$18,931,841	\$214,844,931	System-wide
1330	Land Water Treatment	\$2,974,390	\$19,312,469	System-wide
1340	Land Reclamation	\$2,174,793	\$4,023,884	System-wide
1350	Land Distribution	\$7,928,007	\$60,097,454	System-wide
1355	Land	\$1,737,088	\$4,168,417	System-wide
1360	Land General Plan	\$7,714,529	\$21,723,399	System-wide
1910	Unallocated As Built Costs	\$10,304,085	\$18,239,548	System-wide
1911	Deferred Software Costs	\$66,439,595	\$88,805,097	System-wide
1981	Dfd EB Wtrshed Master Pln Costs	\$5,900,230	\$8,558,121	System-wide
1985	Dfd Lab Expansion Costs	\$8,874,204	\$16,000,862	System-wide
1986	Dfd Solids Receiving Costs	\$728,024	\$1,559,283	System-wide
1988	Prelim Eng & Environ Studies	\$74,404,275	\$113,624,288	System-wide
	Subtotal	\$1,315,807,407	\$5,402,293,730	System-wide
	Subtotal	\$2,209,454,716	\$6,514,627,796	By Region
	TOTAL	\$3,525,262,123	\$11,916,921,526	

*Original cost escalated by ENR Construction Cost Index from date of acquisition.

Source: EBMUD's ledger balance as of December 31, 2013

Table 8. EBMUD Water SCC Review
System-Wide Fixed Asset Balances in Buy-In (as of 1/1/2016)

Account Description		Current Value ENR 2016*	
	Original Cost		
1001 Auto Control System	\$69,616,886	\$125,631,637	
1005 Hydroelect Power Generation	50,165,544	\$138,810,558	
1015 Source of Water Supply	116,244,212	\$773,905,697	
1025 Raw Wtr Transmission	326,793,370	\$2,133,561,892	
1060 Raw Wtr Trans Pump	40,844,897	\$117,340,075	
1080 Terminal Reservoirs	193,360,238	\$877,915,938	
1200 General Plant Structures	217,567,238	\$388,961,550	
1205 Equipment-Trans & Constr	50,498,327	\$73,832,748	
1210 Equipment-Office	19,922,148	\$32,849,509	
1215 Equipment- Eng & Lab	3,699,288	\$6,464,328	
1220 Equipment-Tools & Work	4,516,067	\$7,914,511	
1225 Equipment- Stores	7,894	\$13,514	
1230 Equipment- Shop	1,688,016	\$2,996,128	
1300 Land Source of Supply	7,832,091	\$100,349,572	
1310 Land Raw Wtr Trans	3,710,592	\$47,559,264	
1315 ROW Raw Wtr Trans	1,229,538	\$3,229,056	
1320 Land Terminal Reservoirs	18,931,841	\$214,844,931	
1330 Land Water Treatment	2,974,390	\$19,312,469	
1340 Land Reclamation	2,174,793	\$4,023,884	
1350 Land Distribution	7,928,007	\$60,097,454	
1355 Land	1,737,088	\$4,168,417	
1360 Land General Plan	7,714,529	\$21,723,399	
1910 Unallocated As Built Costs	10,304,085	\$18,239,548	
1911 Deferred Software Costs	66,439,595	\$88,805,097	
1981 Dfd EB Wtrshed Master Pln Costs	5,900,230	\$8,558,121	
1985 Dfd Lab Expansion Costs	8,874,204	\$16,000,862	
1986 Dfd Solids Receiving Costs	728,024	\$1,559,283	
1988 Prelim Eng & Environ Studies	74,404,275	\$113,624,288	
TOTAL	\$1,315,807,407	\$5,402,293,730	

*Original cost escalated by ENR Construction Cost Index from date of acquisition.

Source: EBMUD's ledger balance as of December 31, 2013

**Table 10. EBMUD Water SCC Review
Adjustment of Fixed Asset Value**

	Value	% of Total
1/1/16 Fixed Assets Value (Escalated by ENR)	\$11,916,921,526	
6/30/15 Fixed Assets Value (Escalated by ENR)	\$11,804,042,940	100%
Adjustment to Fixed Assets:		
Less Outstanding Debt (6/30/15)	-\$2,823,075,000	
Plus Existing Cash Reserves (6/30/15)	\$434,731,000	
Net Fixed Assets Value (6/30/15)	\$9,415,698,940	79.77%
Net Fixed Assets Value (1/1/16)	\$9,505,738,496	
Adjustment Factor of Fixed Assets	79.77%	

**Table 11. EBMUD Water SCC Review
Calculation of Buy-in to System-Wide Fixed Assets**

System-Wide Fixed Assets (from Table 7)	\$5,402,293,730
Net System-Wide Fixed Assets Value	79.77%
	\$4,309,232,998
District Projected Net 2030 Consumption (gpd)	212,000,000
Buy-in to Net System Wide Fixed Assets (\$/100 gpd)	\$2,032

Table 16. EBMUD Water SCC Review
Combined Regions Regional Fixed Assets Buy-in Calculations*
(as of 1/1/16)

Account	Descr	Region1	Region 2	Region 3	Total
1100	Water Treatment	\$414,241,680	\$136,716,100	\$286,351,942	\$837,309,721
1130	Distr Pumping	\$64,812,654	\$112,895,563	\$153,579,564	\$331,287,781
1140	Distr Reserv	\$265,876,824	\$356,876,605	\$349,198,077	\$971,951,505
1166	Distr Main	\$1,846,577,133	\$811,807,103	\$1,144,320,630	\$3,802,704,866
1170	Distr Aqueducts	\$240,735,235	\$62,520,506	\$0	\$303,255,742
1175	Pressure Regul	\$16,637,010	\$38,657,185	\$8,143,504	\$63,437,698
1180	Venturi & Cathodic	\$7,224,802	\$629,542	\$3,737,297	\$11,591,641
1185	Distr Hydrants	<u>\$92,218,592</u>	<u>\$33,056,495</u>	<u>\$67,813,755</u>	<u>\$193,088,842</u>
	Total	2,948,323,929	1,553,159,099	2,013,144,768	6,514,627,796
	Adjusted totals				
	79.77%	2,351,781,558	1,238,904,209	1,605,819,731	5,196,505,498
	Regional Consumption gpd	116,000,000	30,100,000	65,900,000	
	Regional Buy-in \$/100 gpd	\$2,027	\$4,115	\$2,436	

*Original cost escalated by ENR Construction Cost Index from date of acquisition.

3. Wastewater Capacity Fees

Chapter 3 – Wastewater Capacity Fees

INTRODUCTION

The Wastewater Capacity Fee (WCF) was implemented in 1987 to recover costs for providing wastewater treatment capacity for new or expanded system use. The WCF is based on a “buy-in” or an equity approach, whereby new users “buy-in” to a wastewater system that has adequate capacity to serve both existing demands and new growth. The wastewater system capacity is expressed in terms of wastewater flow volume (flow) and strength factors including Chemical Oxygen Demand Filtered (CODF) and Total Suspended Solids (TSS). The WCF applies to all dischargers who increase wastewater volume or strength. For example, an additional capacity fee may be required to be paid if a property is developed and connects to the wastewater system, changes use or is redeveloped and increases the volume or strength of the wastewater it discharges, or a flow review has been completed by the District and demonstrates that the volume and/or strength of the wastewater discharged from a non-residential property has significantly increased or is greater than anticipated at the time a WCF was first paid. The WCF is calculated based on the anticipated flow contributions multiplied by the average wastewater strength measured or assigned for each classification of customer and the unit capacity rates for flow and strength factors. For non-residential customers, a review of the actual flow and strength may be conducted within 24 months, once the business is fully established, to verify the estimated demand for wastewater capacity. The review may result in the assessment of additional capacity fees if the actual flow and strength exceeds the original estimate.

RECOMMENDATIONS

- Adopt the FY17 Schedule G for the Wastewater Department Capacity Fees. The proposed fees include the fourth year of the 5-year phase-in of the revised WCF calculations approved by the Board in 2013 and updates for the construction of additional facilities and construction cost escalations.

The changes and updates recommended for the WCF will be effective on August 15, 2016, or sixty days after adoption by the Board. The capacity fee is not subject to Proposition 218 notification.

DISCUSSION

In 2013 the Board approved a modification to the WCF calculation based on decreasing the design-capacity value from 120 MGD to 85 MGD to reflect the build-out capacity of the wastewater service area. The modifications to the WCF calculations were recommended by a financial rate consultant hired to conduct a comprehensive study of the District’s WCF methodology. The Board approved the change in the WCF calculation and phased the change in over 5 years. If the change to the design capacity were implemented in one step, the unit capacity rates would have increased in FY14 by 49.2% for flow, 154.8% for CODF and 45.7% for TSS and the resulting WCF increase for FY14 to the single family connection would have been 60.2%.

For FY17 staff has updated the WCF calculations for the addition of new facilities and to reflect the construction cost escalations. These calculations are shown in Tables 1 through 5. In addition, the fourth year of the 5-year phase-in of the modification of the WCF calculation was implemented. For

FY17, the WCF rate is proposed to increase by 15.6% for the single-family connection, going from \$1,860 to \$2,150. Table 1 shows the proposed unit capacity rates for FY17 for the fourth year of the 5-year phase-in. The entire list of proposed capacity fees for FY17 is contained in Schedule G Wastewater Department Capacity Fee in Tab 4.

TABLE 1 UNIT CAPACITY RATES WITH PROPOSED DESIGN FLOW MODIFICATION

Unit Capacity Rate	Current	FY17 PHASED-IN YR 4	% Incr
Flow /Ccf/ Month	\$139.19	\$159.07	14.3%
CODF / lbs/ Month	\$ 38.20	\$ 46.88	22.7%
TSS / lbs/ Month	\$ 55.41	\$ 63.10	13.9%
Single Family Connection Charge	\$1,860	\$2,150	15.6%

EXHIBIT 1

Table 2

EBMUD Wastewater Capacity Fee Analysis
Asset Values by Class Code (as of 1/1/16)

<u>Class Code</u>	<u>Class Description</u>	Original Value	2016 ENR Adjusted Value
		<u>Class Total</u>	<u>Class Total</u>
WW0301 Total	North Interceptor	\$41,667,643	\$116,600,768
WW0302 Total	South Interceptor	34,258,339	183,118,471
WW0303 Total	Alameda Interceptor	9,630,895	41,037,630
WW0304 Total	Estuary Crossing	456,493	8,130,942
WW0305 Total	Central Avenue Interceptor	8,938,996	15,303,501
WW0306 Total	South Foothill Interceptor	21,468,263	39,615,192
WW0307 Total	Adeline Street Interceptor	18,612,785	32,687,135
WW0308 Total	Powell Street Interceptor	5,290,727	9,461,736
WW0309 Total	ANAS Interceptor	3,487,760	5,572,829
WW0310 Total	Wood St Interceptor	798,725	1,301,251
WW0311 Total	Mwwtp-Outfall Land	2,078,909	35,467,306
WW0312 Total	Mwwtp-Outfall Submarine	5,545,770	33,475,482
WW0313 Total	Mwwtp-Outfall Bridge	238,025	522,727
WW0321 Total	Pump Station A-Albany	3,671,840	6,516,346
WW0322 Total	Pump Station B-Fernside	6,626,560	12,683,892
WW0323 Total	Pump Station C-Krusi Park	13,118,647	25,692,175
WW0324 Total	Pump Station D-Oak Street	1,457,339	2,258,069
WW0325 Total	Pump Station E-Grand Street	1,437,475	2,087,070
WW0326 Total	Pump Station F-Atlantic Avenue	1,858,182	4,685,954
WW0327 Total	Pump Station G-Airport	2,676,794	5,698,459
WW0328 Total	Pump Station H-Fruitvale	11,425,516	20,261,695
WW0329 Total	Pump Station J-Frederick Street	1,353,719	3,995,362
WW0330 Total	Pump Station K-7Th Street	1,426,705	4,061,401
WW0331 Total	Pump Station L	4,860,237	8,870,260
WW0333 Total	Pump Station Q- Wet Weather Page St Berkeley	570,705	945,396
WW0334 Total	Pump Station N (new)	6,329	8,053
WW0335 Total	ANAS Pump Station	7,367,039	11,775,478
WW0341 Total	Mwwtp-Influent Pump Station	33,580,591	71,239,459
WW0342 Total	Mwwtp-Effluent Pump Station	18,614,506	46,930,832
WW0343 Total	Pt. Isabel Tp-Treatment & Pretreatment Structures	45,242,670	74,607,752
WW0344 Total	Pump Station M - Bridgeway	1,817,199	2,985,474
WW0346 Total	Mwwtp-Mid-Plant Pump Station	6,638,722	10,090,516
WW0347 Total	Mwwtp-Water Pump Station #3	896,125	1,660,067
WW0348 Total	Mwwtp-Wet Weather Pump Station	950,812	1,350,975
WW0349 Total	Mwwtp-Washdown Pump Station	215,504	399,220
WW0351 Total	Mwwtp-Aerated Grit Tanks	7,026,001	24,686,931
WW0352 Total	Mwwtp-Chlorine System	126,681	152,756
WW0354 Total	Point Richmond-Pretreatment Structure	8,000	13,917
WW0355 Total	Oakport Wet Weather-Pretreatment Structure	8,697,836	18,217,134
WW0356 Total	Oakport Wet Weather-Pretreatment Structure	737,462	1,545,849
WW0357 Total	Mwwtp-Grit Dewatering Station	12,447,091	16,631,038
WW0358 Total	Mwwtp-Channel Crossing For Bypass Channel	4,780,140	8,855,186
WW0359 Total	Mwwtp 90" Pipe-Primry Effluent Bypass	2,005,802	3,715,739
WW0360 Total	Mwwtp 72" Pipe-Primry Influent Bypass	2,540,549	4,559,631
WW0361 Total	Mwwtp-Diversion Structure	25,290,502	69,313,667
WW0362 Total	Mwwtp-Bypass Inlet Structure	15,415,976	62,378,236

Table 2 (cont.)

<u>Class Code</u>	<u>Class Description</u>	Original Value	2016 ENR Adjusted Value
		<u>Class Total</u>	<u>Class Total</u>
WW0363 Total	North Interceptor Junction Storage	341,675	1,033,203
WW0364 Total	Mwwtp-Bypass Outlet Structure	587,432	1,751,246
WW0365 Total	Mwwtp-Final Effluent Bypass Channel	1,910,831	2,383,407
WW0366 Total	Mwwtp-Storage Basin	20,495,220	38,562,661
WW0368 Total	Mwwtp-Interem Sludge Disposal Facility	528,794	1,116,284
WW0369 Total	Mwwtp-Reactor Deck Area-Oxygen Production	11,292,511	25,735,467
WW0370 Total	Mwwtp-Secondary Treatment Facility	63,097,122	170,493,828
WW0371 Total	Mwwtp-Grounds & Improvements	10,586,649	55,085,255
WW0372 Total	Mwwtp-Administration And Lab Building	14,623,984	23,446,206
WW0373 Total	Mwwtp-Service Building	85,103	1,436,664
WW0374 Total	Mwwtp-Chemical Storage Building (Relocated)	3,099,994	5,127,430
WW0375 Total	Mwwtp-Administration And Lab Center	28,694,859	57,819,910
WW0376 Total	Mwwtp-Maintenance Center	12,537,129	23,391,398
WW0381 Total	Mwwtp-Process Water Plant	3,234,026	11,439,733
WW0382 Total	Mwwtp-Dechlorination Station	11,538,235	20,533,735
WW0383 Total	Mwwtp-Sludge Digestion Facilities	70,847,958	109,856,956
WW0384 Total	Mwwtp-Sludge Dewatering Facilities	39,171,706	60,937,295
WW0385 Total	Mwwtp-Temp Sludge Dewatering Facility	1,862,957	2,684,981
WW0386 Total	Mwwtp-Power Generation Station	79,725,786	119,452,214
WW0387 Total	Mwwtp-Filter Plant Solids Handling Facility	20,576,772	27,053,678
WW0388 Total	Mwwtp-Odor Control At Sludge Thickener	15,478,993	29,749,147
WW0390 Total	Mwwtp-Compost Area	138,697	269,807
WW0391 Total	Oakport WW-Chlor System	591,003	1,233,516
WW0392 Total	Oakport WW-DeChlor System	925,477	1,807,392
WW0393 Total	Oakport WW-Control Bldg	1,439,408	3,016,457
WW0394 Total	Oakport WW-Eng Gen	708,623	1,485,398
WW0395 Total	Oakport WW-Drainage	1,160,534	2,432,681
WW0396 Total	Oakport WW-Washwtr Pump Sta.	121,075	253,795
WW0397 Total	Oakport WW-Storage Bldg.	436,931	915,884
WW0398 Total	Oakport WW-Lscape/Pav/Fence	1,996,609	4,170,002
WW0399 Total	Mwwtp-Scum Dewatering Station	8,971,497	12,880,617
WW0400 Total	Mwwtp-Chemical Trench	720,479	1,334,684
WW0401 Total	Mwwtp-Piping For Plant Utilities	26,513,219	48,165,269
WW0402 Total	Mwwtp-Chlorination Building	4,251,633	7,839,982
WW0450 Total	Mwwtp-Composting Facility	1,455,854	1,931,864
WW0500 Total	San Antonio Creek Wet Weather TP	13,470,868	23,429,851
WW0501 Total	San Antonio Creek Ww Dechlorination Facility	3,590,821	5,847,692
WW0502 Total	San Antonio Creek Ww Outfall Structure	2,682,144	4,657,494
WW0503 Total	San Antonio Creek Ww Gravity Sewer	540,029	939,442
WW0504 Total	San Antonio Creek Ww Lake Merritt Channel Crossing	1,759,796	3,061,368
WW0505 Total	San Antonio Creek Ww Outfall Subequacious Pipeline	2,278,822	3,964,274
WW0506 Total	Mwwtp-Bulk Storage Area	4,675,143	8,132,951
WW0507 Total	Mwwtp-Pre-Chlorination Facility	1,451,611	2,525,244
WW0508 Total	Mwwtp-Sodium Bisulfite Area	2,228,383	3,876,530
WW0917 Total	Mwwtp-Field Services Bldg	2,707,085	4,139,970
WWLAND Total	Wastewater Land - General	14,461,026	18,398,506
WWPEQP Total	All Wastewater Portable Equipment	14,399,671	20,973,167
Grand Total		\$921,356,762	\$2,027,943,490

Table 3
EBMUD Wastewater Capacity Fee Analysis
Summary of Grant Funded Fixed Assets (as of 1/1/16)

<u>Description</u>	<u>Original Cost</u>	<u>Year</u>	<u>2016 ENR Adjusted Value</u>
Digester	\$15,070,000	1976	\$63,612,849
Dewatering	4,435,827	1978	16,194,923
Temp. Dewatering	340,000	1978	1,241,318
Oxygen Production	4,086,325	1977	16,077,214
Secondary Reactors	16,260,000	1977	63,973,253
Secondary Clarifiers	12,040,000	1977	47,370,109
Grit Facilities	570,000	1976	2,406,060
Operations Center	760,000	1976	3,208,080
Scum Sys Equip	120,000	1976	506,539
Post Chlorination Equip	70,000	1976	295,481
Secondary Sys Channels	3,480,000	1976	14,689,629
Allocation of other SD	290,000	1976	1,224,136
Dechlorination	1,230,000	1978	4,490,652
Outfall Structure	450,000	1974	2,257,797
Operations Center	1,520,000	1976	6,416,160
Adm & Lab Bldg	1,950,000	1976	8,231,258
Maint. Bldg	780,000	1976	3,292,503
Lab Equip	320,000	1976	1,350,771
Process Water Plant	3,070,000	1977	12,078,591
Grounds & Imprvmnt	540,000	1977	2,124,573
Main pump Equip	590,000	1976	2,490,483
Effl. Pump Equip	960,000	1976	4,052,312
Grit Tanks	3,130,000	1976	13,212,224
Sedim Tanks	5,560,000	1976	23,469,638
Interim Sludge	460,000	1971	2,948,830
Post Chlorination	210,000	1967	1,981,704
Total	\$78,290,000		\$319,197,086
80% of Total			\$255,357,669

Table 4
FY17 EBMUD Wastewater Capacity Fee Analysis
Without Phasing

	Without Phasing Proposed FY17	Without Phasing Current FY16
Present Value Calculation		
Present Value (PV) of Existing Facilities (1)	\$2,027,943,490	\$1,988,124,964
Less 80% of PV of Grant Funded Facilities	(319,197,086)	(312,929,674)
Less Outstanding Bonds and Loans	(433,384,000)	(442,503,000)
Cash Reserve as Asset	68,161,200	53,578,800
Net Present Value	1,343,523,604	1,286,271,090
Unit Cost Allocation Calculation (2) Cost Allocation	Unit Cost/month	Unit Cost/month
Flow 44.89% 603,107,746 41477000 ccf/yr	174.49 \$/ccf	167.05 \$/ccf
CODF 20.59% 276,631,510 61274000 lbs/yr	54.18 \$/lb	51.87 \$/lb
TSS 34.52% 463,784,348 80632000 lbs/yr	69.02 \$/lb	66.08 \$/lb
Derivation of Single Family WCF		
Flow 6.7 ccf/mo	1,169.08	1119.26
CODF 7.9 lbs/mo	427.99	409.75
TSS 11.29 lbs/mo	779.26	746.06
Total	\$2,376.33	\$2,275.07
% Increase	4.5%	
Notes:		
(1) Present value calculated based on escalation by ENR		
3-6 (Source of SD-1 fixed asset list - Finance Department, Accounting Systems)		
(2) Based on 2000 Carollo study model allocations.		

Table 5
FY17 EBMUD Wastewater Capacity Fee Analysis
5-Year Phase-in of Modification to WCF Calculation

	Without Phasing					
	FY13	FY14	FY15	FY16	FY17	FY18
Flow Unit Cost \$/CCF	\$97.40	\$145.30	\$158.83	\$167.05	\$174.49	
CODF Unit Cost \$/lbs	17.70	45.1	49.31	51.87	54.18	
TSS Unit Cost \$/lbs	39.40	57.4	62.83	66.08	69.02	
SFR Connection Charge	1,235	1,978	2,163	2,275	2,376	

	With 5-Yr Phase-In					
	FY13	Year 1 FY14	Year 2 FY15	Year 3 FY16	Year 4 FY17	Year 5 FY18
Flow Unit Cost \$/CCF	\$97.40	\$106.98	\$121.97	\$139.19	\$159.07	
CODF Unit Cost \$/lbs	17.70	23.18	30.34	38.20	46.88	
TSS Unit Cost \$/lbs	39.40	43.00	48.77	55.41	63.10	
SFR Connection Charge	1,235	1,385	1,607	1,860	2,150	

4. Schedule of Rates Charges and Fees

RECOMMENDED SCHEDULES OF RATES, CHARGES AND FEES

FY17

Water System

Schedule B – Account Establishment Charge

Schedule C – Charges for Special Services

Schedule H – Standard Participation Charge (SPC)

Schedule J – System Capacity Charge (SCC)

Schedule N – Water Demand Mitigation Fees

Real Property Use Application Fees

Public Records Act Fee Schedule

Wastewater System

Schedule G – Capacity Fees

Schedule B

Account Establishment Charge

FY17



SCHEDULE B

ACCOUNT ESTABLISHMENT CHARGE

The charge for establishing a new account or the transfer of an account for a customer moving from one address to another is ~~\$40.00~~\$52.00 with the following exceptions:

- Customers in the Customer Assistance Program shall be charged ~~\$14.00~~\$26.00.
- Landlords requiring temporary water service for a period not to exceed 60 days shall be charged ~~\$14.00~~\$26.00, with the balance of the account establishment charge billed for water service that exceeds 60 days.
- There will be no transfer fee to change the name of an account when the responsible party is a landlord who has signed an intervening water service agreement.
- There will be no transfer fee to change the name of an account when the same person or entity is to remain responsible.
- Upon completion of the on-line account establishment system, the charge for establishing a new account or the transfer of an account moving from one address to another on EBMUD's website over the Internet for a single family residence customer is ~~\$20.00~~\$36.00.

Schedule C

Charges for Special Services

FY17



SCHEDULE OF RATES AND CHARGES TO CUSTOMERS
OF THE EAST BAY MUNICIPAL UTILITY DISTRICT

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SCHEDULE C

CHARGES FOR SPECIAL SERVICES

A. METER TESTING

Charges for meter testing will be in accordance with the following schedule:

SIZE OF METER	TESTING CHARGES
5/8", 3/4", and 1"	\$56.00 <u>\$58.00</u>
1-1/2" and 2"	\$44.00 <u>\$58.00</u> On Site \$114.00 <u>\$130.00</u> Pull/Test
3" and larger	\$268.00 <u>\$261.00</u> On Site Actual Cost Pull and Test

B. SERVICE INTERRUPTION

The charge for shutting off water service due to non-payment
of a water bill is..... ~~\$43.00~~ \$45.00

The charge for restoring service after payment has been received
during regular office hours is ~~\$43.00~~ \$45.00

The charge for restoring service between 5 p.m. and 8 a.m. or
on Saturday, Sunday or on a holiday is ~~\$50.00~~ \$62.00

A ~~S~~ervice ~~T~~rip ~~e~~Charge of ~~\$43.00~~ \$45.00 shall be paid in the event of the following
occurrences in the field: 1) payment collection; 2) payment extension; and 3) any
additional field stops to shut off service beyond the initial service interruption, including
EBMUD locking the meter if the customer self-restores water service prior to making
payment. (See Section M.)

An additional charge ~~for removing to lock or plug~~ the meter due to non-payment or
unauthorized water use is.....

S-Lock ~~\$350~~ \$57.00
Plug \$394.00

C. RETURNED PAYMENT CHARGE

A charge of ~~\$27.00~~ \$25.00 shall be paid for each check or electronic transaction received
as payment to the District that is returned unpaid from a financial institution.



SCHEDULE C

CHARGES FOR SPECIAL SERVICES
(continued)

**D. PROCESSING FEES FOR DELINQUENT CHARGE COLLECTION THROUGH LIENS
AND PROPERTY TAX BILLS ON MULTI- FAMILY RESIDENTIAL ACCOUNTS**

For multi-family residential accounts, the District may place liens on parcels with unpaid charges and collect unpaid amounts on parcels' property tax bills. Multi-family residential accounts are any residential accounts where a water meter serves two or more dwelling units.

- | | |
|---|--|
| 1. Lien Filing Fee | \$155 <u>\$167</u> per Lien |
| 2. Lien Removal Fee | \$71 <u>\$152</u> (in Alameda County) and \$64 <u>\$144</u> (in Contra Costa County) for first lien removed |
| | \$23 <u>\$59</u> (in Alameda County) and \$15 <u>\$51</u> (in Contra Costa County) for each additional lien removed at the same time |
| 3. Property Tax Transfer Fee
Unpaid Charges with Liens Recorded | \$20 <u>\$26</u> plus county auditor's fee (1.7% of collected amount for Alameda County; \$3 per parcel for Contra Costa County) |
| 4. Property Tax Transfer Fee
Unpaid Charges without Liens Recorded | \$137 plus county auditor's fee (1.7% of collected amount for Alameda County; \$3 per parcel for Contra Costa County) |

E. WASTEFUL USE CHARGE

A charge of ~~\$46.00~~ \$45.00 shall be paid to cover the monitoring costs incurred by the District if, after written notification, excessive water use is not curtailed.

F. FLOW-RESTRICTOR INSTALLATION

The charge for District installation of a flow-restricting device on any service that continues excessive water use, after written notification, will be in accordance with the following schedule:

- | | |
|---|-----------------------------------|
| 1. On services two-inches and smaller - | |
| 5/8" and 3/4" | \$ 53.00 <u>113.00</u> |
| 1" | 53.00 <u>113.00</u> |
| 1-1/2" | 187.00 <u>243.00</u> |
| 2" | 187.00 <u>243.00</u> |



SCHEDULE C

CHARGES FOR SPECIAL SERVICES
(continued)

**F. FLOW-RESTRICTOR INSTALLATION
(Continued)**

2. All others -

The charges for installing flow-restricting devices on water services, other than those in the above schedule, shall be the actual cost of installing the device, as determined by the District, including engineering, equipment, material, labor and related overhead expenses.

G. NOTICE OF WASTEFUL USE AND FLOW-RESTRICTOR CHARGES

For the purposes of Sections E and F above, written notification shall:

1. Specify the date by which excessive use must be curtailed to avoid further enforcement action; and
2. Be sent by certified mail (return receipt requested) or by other written means which would be sufficient for obtaining personal service in a legal proceeding.

H. RESCINDED 12/10/96

I. COMMERCIAL BACKFLOW DEVICE ANNUAL CERTIFICATION CHARGE

Where it is probable that a pollutant, contaminant, system or plumbing hazard may be created by a water user, or where the water system is unstable and cross-connections may be installed or reinstalled, an approved backflow prevention device of the proper type is required for all commercial accounts at the customer's expense.

1. The charge for administering the Backflow Program
Certification for commercial accounts is (annually)~~\$59.00~~\$53.00
2. The charge for District staff to conduct a *Change of Responsible Party* or *Change of Use Survey* or to respond to a commercial customer's request for a backflow/cross connection survey, an initial or follow-up backflow inspection~~\$49.00~~\$120.00/hr.
3. The charge for backflow testers to be placed on the District's list of certified testers.....~~\$100.00~~\$148.00



SCHEDULE C

CHARGES FOR SPECIAL SERVICES
(continued)

J. COMMERCIAL BACKFLOW DEVICE VIOLATION

For those customers where the service has been terminated for failure to meet the District's Backflow Program requirements, a charge will be made to cover the District's costs pursuant to the termination and restoration of service

~~\$199.00~~ \$470.00

K. LATE PAYMENT PENALTY AND INTEREST

For those customers with outstanding overdue balances exceeding \$10 at billing, a charge equivalent to 1.5% of the overdue balance (minimum charge \$1) will be made to recover foregone interest on District money, and the District's costs to process overdue accounts. Customers in the Customer Assistance Program shall be exempt from the late payment penalty and interest.

L. PROCESSING FEE FOR INTERVENING WATER SERVICE AGREEMENT

The charge for the District to process an intervening water service agreement for a participating landlord in the District's automated landlord sign-on service is

~~\$27.00~~ \$55.00

Requests to modify intervening water service agreement property account information must be submitted in writing and can be dropped off, mailed or faxed to ~~an EBMUD~~ a District business office.

The charge for each written request to modify the original intervening water service agreement by adding to or deleting property account information from the original agreement is.....

~~\$27.00~~ \$55.00

M. SERVICE TRIP CHARGE

The charge for District staff to perform special services for customers is..... ~~\$43.00~~ \$45.00

The charge shall be applied for, but is not limited to the following:

- 1) payment collection in the field;
- 2) payment extension in the field;
- 3) additional field stops beyond the initial service interruption to shut off service due to non-payment, including a field stop to lock the meter if the customer self-restores water service prior to making payment;
- 4) follow-up site visits to customers who have not complied after the District's notification to correct an obstructed meter condition; ~~:-~~ and
- 5) field inspections conducted at the customer's request.



SCHEDULE C

CHARGES FOR SPECIAL SERVICES
(continued)

N. PUBLIC HYDRANT METER ACCOUNT ESTABLISHMENT CHARGES

Customers can request a 3-inch hydrant meter that can be hooked up to a public fire hydrant to measure water use at a property site. Customers are required to: 1) provide hydrant meter readings every two months, within 2 weeks of the meter read due date; 2) return hydrant meter equipment within one month following a meter use period; and 3) renew the hydrant meter permit and exchange the hydrant meter equipment within eleven months from the date of issuance, if continued use is desired.

The charge to establish water service
for a hydrant meter is..... ~~\$89.00~~ 109.00

The charge to renew a hydrant meter account
at the end of a 12-month period is ~~\$89.00~~ 109.00

If a field stop is required to establish a new account, a ~~\$167~~ \$217 site visit charge shall be paid in addition to the ~~\$89~~ \$109 account establishment charge. (See Section O.)

O. PUBLIC HYDRANT METER ACCOUNT SITE VISIT CHARGE

The charge for a Field Services Representative to conduct a hydrant
meter site visit to perform special services for customers is..... ~~\$215.00~~ 217.00

The charge shall be applied for, but is not limited to the following:

- 1) reading hydrant meters for which the two-month reading was not submitted by the customer;
- 2) retrieving hydrant meter equipment from a customer site;
- 3) delivering hydrant meter equipment to a customer; and
- 4) establishing or renewing a hydrant meter account in the field.

Schedule H

Standard Participation Charge

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SCHEDULE H

**STANDARD PARTICIPATION CHARGE
(SPC)**

A. The Standard Participation Charge for each standard service installed shall be:

Standard Participation Charge

Meter Size	Gravity Zone*		Pumped Zone**	
5/8" and 3/4"	\$7,830	<u>\$7,840</u>	\$9,780	<u>\$9,820</u>
1"	19,580	<u>19,600</u>	24,440	<u>24,560</u>
1-1/2"	39,200		48,900	<u>49,100</u>
2"	62,700		78,200	<u>78,600</u>
3"	125,300	<u>125,400</u>	156,400	<u>157,200</u>
4"	195,800	<u>196,000</u>	244,400	<u>245,600</u>

The Standard Participation Charge for each meter larger than four inches shall be determined on a case-by-case basis by the District, considering such factors as the projected demand which the service would impose on the District system, the maximum intermittent flow rate of the meter compared to a 5/8" meter, and whether the service is solely domestic or is combined with a fire service. In no event shall the standard participation charge for a meter larger than four inches be less than ~~\$195,800~~\$196,000 in gravity zones or ~~\$244,400~~\$245,600 in pumped zones.

* This charge covers general water main oversizing and future water supply.

** This charge covers major facilities capacity, water main oversizing and future water supply.

Schedule J

System Capacity Charge

FY17



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SCHEDULE J

**SYSTEM CAPACITY CHARGE
(SCC)**

A. SCC FOR STANDARD SERVICE*

1. Non-Residential Service Connections (dollars per connection)

METER SIZE (INCHES)	REGION					
	1		2		3	
5/8	\$23,380	<u>\$23,920</u>	\$42,220	<u>\$43,160</u>	\$39,040	<u>\$39,930</u>
3/4	35,070	<u>35,880</u>	63,330	<u>64,740</u>	58,560	<u>59,900</u>
1	58,570	<u>59,920</u>	105,760	<u>108,120</u>	97,800	<u>100,030</u>
1-1/2	117,140	<u>119,840</u>	211,520	<u>216,240</u>	195,600	<u>200,060</u>
2	187,420		338,430		312,960	

For service connections with larger meters see Sec. 3.

2. Single Family Service Connections (SCC) (dollars per connection)**

METER SIZE (INCHES)	REGION***					
	1		2		3	
3/4	\$16,370	<u>\$16,740</u>	\$28,410	<u>\$29,040</u>	\$36,230	<u>\$37,050</u>
1	27,340	<u>27,960</u>	47,440	<u>48,500</u>	60,500	<u>61,870</u>
1-1/2	54,680	<u>55,920</u>	94,880	<u>97,000</u>	121,000	<u>123,740</u>

For service connections with larger meters see Sec. 3 below.

* This charge covers the cost of System-wide Facilities Buy-in, Regional Facilities Buy-in and Future Water Supply.

**The SCC charged to the applicant will be based on the water meter size required to meet the indoor needs (excluding private fire service needs) and outdoor watering needs of the premises as determined solely by the District based on the plumbing code, the District's review, and water industry standards. The meter(s) that is installed may be larger than the meter size charged in the SCC fee if the service is combined with a private fire service or if a separate irrigation meter is required (See Sections D. Combined Standard and Fire Service and I. Required Separate Irrigation Meter for Single Family Service Connections).

***REGION	GENERAL DESCRIPTION
1	Central Area (gravity zones West-of-Hills) El Sobrante and North (pumped zones)
2	South of El Sobrante to vicinity of Highway 24 (pumped zone) South from vicinity of Highway 24 (pumped zones) Castro Valley Area (pumped zones) North Oakland Hill Area (pumped zones, formerly 4A)
3	Orinda-Moraga-Lafayette Area (pumped zones) San Ramon Valley and Walnut Creek (pumped and gravity zones)



**SCHEDULE OF RATES AND CHARGES TO CUSTOMERS
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SCHEDULE J

**SYSTEM CAPACITY CHARGE
(SCC)
(Continued)**

3. SCC for Larger Meters

The SCC for ~~non-residential~~ service connections with meters larger than 1-1/2 inches ~~and single family residential service connections with meters larger than 1-1/2 inches~~ shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the same unit charge and criteria as apply to the SCC for smaller meters. The SCC will be calculated based on the unit charges for each of the four components listed below:

Component	Unit Charge (\$/100 gpd)	
Post-2000 (Add'l Regions 3C & 3D only)	SCC Region Specific	
Regional Facilities Buy-in	SCC Region Specific	
System-wide Facilities Buy-in	\$1,991	<u>\$2,032</u>
Future Water Supply*	1,870	<u>1,920</u>

The unit charges for the components that are specific to a SCC Region are:

Unit Charge (\$/100gpd)			
Region	Post-2000 Component	Regional Facilities Buy-In Component	
1	n/a	\$1,985	<u>\$2,027</u>
2	n/a	4,031	<u>4,115</u>
3	n/a	2,386	<u>2,436</u>
3C	\$6,200	<u>\$6,720</u>	1,791
3D	6,200	<u>6,720</u>	1,791
			<u>1,828</u>

In no instance will the SCC for a ~~non-residential meter larger than 2 inches or a single family residential meter larger than 1-1/2 inches~~ be less than the ~~respective equivalent 2 inch or 1-1/2 inch~~ price from the appropriate Section 1 or 2, above.

The SCC will be determined by multiplying the sum of the unit charge of the four components by the water use information furnished by the applicant, rounded to three significant places.

If the District has determined, based on water use information furnished, that a meter larger than 2-1/2 inches is appropriate, the SCC calculated pursuant to this subdivision shall apply irrespective of the arrangement of water metering or meter size at the premises.

*The Future Water Supply component for Region 3C is based on 1993 agreement (see Section B1).



SCHEDULE J

SYSTEM CAPACITY CHARGE
(SCC)
(Continued)

4. SCC for Standard Service to Multi-Family Premises

The System Capacity Charge for ~~new~~ water service at multi-family premises shall be as listed below. For purposes of this Schedule J, "multi-family premises" shall mean premises with two or more attached or separate residential dwelling units, rental or owner-occupied, which is determined by the District to be a single premises for receiving water service, provided that each separate dwelling unit of a multi-family premises shall be separately metered as specified in Sections 2 and 3 of the District's Regulations Governing Water Service.

Multi-Family Premises
Dollars per Dwelling Unit (DU)

	REGION*					
	1		2		3	
For each Dwelling Unit	\$9,530	<u>\$9,750</u>	\$13,260	<u>\$13,550</u>	\$12,430	<u>\$12,710</u>

*Same regions as described in A.2.

The above SCC shall apply regardless of the arrangement of water metering or meter size at the premises; however, the District may limit the size and number of service connections to a combined capacity appropriate to the anticipated water use at the premises. No additional SCC shall be applicable for separate meters installed to provide irrigation for landscaping on the premises in the immediate area contiguous to the dwelling unit structures, provided such landscaped area is to be used exclusively by the residents. All other rates and charges shall be based on actual number and size of meters and does not apply to the requirements listed below.

An SCC shall be applicable for separate meters installed to serve other water uses in the vicinity of the multi-family premises, such as irrigation of open space areas, parks, roadway medians, golf courses, community clubhouse and recreational facilities, and areas designated for public use. The SCC shall be based on meter size as provided under A.1 above. If these other water uses are included in the water service connection to the multi-family premises, the District shall, for purposes of determining the applicable SCC, determine the equivalent meter size for these uses based on plumbing code and water industry standards, as if there were a separate service connection.



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SCHEDULE J

**SYSTEM CAPACITY CHARGE
(SCC)
(Continued)**

B. SEPARATE SCC FOR STANDARD SERVICE FOR ADDITIONAL REGIONS*

The System Capacity Charge for ~~new~~-non-residential and single family residential water service at premises other than multi-family premises shall be as follows (dollars per connection):

1. Non-residential water service at premises other than multi-family premises shall be as follows (dollars per connections)

METER SIZE (INCHES)	ADDITIONAL REGION**		
	3C***	3-D	
5/8	n/a	\$93,850	<u>\$96,870</u>
3/4	n/a	140,780	<u>145,310</u>
1	n/a	235,400	<u>242,670</u>
1-1/2	n/a	470,200	<u>485,340</u>
2	n/a	752,320	

For service connections with larger meters see Sec. 3 below.

2. Single-Family service connections shall be as follows (dollars per connections)

METER SIZE (INCHES)	ADDITIONAL REGION**			
	3C***	3-D		
3/4 <u>3/4</u>	\$83,830	<u>\$86,590</u>	\$93,850	<u>\$96,870</u>
1	140,000	<u>144,610</u>	156,730	<u>161,770</u>
1-1/2	280,000	<u>289,220</u>	313,460	<u>323,540</u>

For service connections with larger meters see Sec. 3 below.

- * This charge covers the cost of System-wide Facilities Buy-In, Regional Facilities Buy-In and Future Water Supply. The Additional Regions are low-density, residential in nature. It is not anticipated that meters larger than ¾ -inch (excluding fire flow requirements) will be installed in these Regions.

**** ADDITIONAL REGION**

GENERAL DESCRIPTION

3-C	South of Norris Canyon Road (pumped zones)
3-D	South of Norris Canyon Road outside Wiedemann Ranch (pumped zone)

- *** The Future Water Supply component of the SCC for Region 3C is set by the July 20, 1993 Wiedemann Agreement, indexed to the U.S. City Average of the Consumer Price Index and used by EBMUD to fund conservation programs. The total Future Water Supply component of the SCC for the common areas in Region 3C shall be paid as a condition for the issuance of the first water meter for the common area. The SCC for Non-Residential services (e.g., common area irrigation) shall be uniquely calculated in accordance with the Wiedemann Agreement.



SCHEDULE OF RATES AND CHARGES TO CUSTOMERS
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SCHEDULE J

SYSTEM CAPACITY CHARGE
(SCC)

(Continued)

B. SEPARATE SCC FOR STANDARD SERVICE FOR ADDITIONAL REGIONS* (Continued)

3. SCC for Larger Meters

The SCC for ~~non-residential~~ service connections with meters larger than ~~2-inches and single-family residential service connections with meters larger than~~ 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the same cost components and criteria as apply to the SCC for smaller meters. (See Section A.3)

4. Separate SCC for Standard Service to Multi-Family Premises

The System Capacity Charge for ~~new~~ water service at multi-family premises shall be as listed below. For purposes of this Schedule J, "multi-family premises" shall mean premises with two or more attached or separate residential dwelling units, rental or owner-occupied, which is determined by the District to be a single premises for receiving water service, provided that each separate dwelling unit ~~of a multi-family premises shall be separately metered~~ as specified in Sections 2 and 3 of the District's Regulations Governing Water Service.

Multi-Family Premises
Dollars per Dwelling Unit

ADDITIONAL REGIONS*			
	3-C	3-D	
For each Dwelling Unit	\$32,340	<u>\$33,410</u>	\$32,940 <u>\$34,000</u>

*Same regions as described in B.1.



SCHEDULE J

**SYSTEM CAPACITY CHARGE
(SCC)
(Continued)**

B. SEPARATE SCC FOR STANDARD SERVICE FOR ADDITIONAL REGIONS* (Continued)

The above SCC shall apply regardless of the arrangement of water metering or meter size at the premises; however, the District may limit the size and number of service connections to a combined capacity appropriate to the anticipated water use at the premises. No additional SCC shall be applicable for separate meters installed to provide irrigation for landscaping on the premises in the immediate area contiguous to the dwelling unit structures, provided such landscaped area is to be used exclusively by the residents. All other rates and charges shall be based on actual number and size of meters and do not apply to the requirements listed below.

An SCC shall be applicable for separate meters installed to serve other water uses in the vicinity of the multi-family premises, such as irrigation of open space areas, parks, roadway medians, golf courses, community clubhouse and recreational facilities, and areas designated for public use. The SCC shall be based on meter size as provided under B.1 above. If these other water uses are included in the water service connection to the multi-family premises, the District shall, for purposes of determining the applicable SCC, determine the equivalent meter size for these uses based on plumbing code and water industry standards, as if there were a separate service connection.

C. LOW-PRESSURE SERVICE

Where a larger meter is installed because of low-pressure conditions, the applicable System Capacity Charge shall be determined on the basis of the size of the meter which would be required for a standard service as determined by the District based on plumbing code and water industry standards. All other rates and charges shall be based on actual meter size.

D. COMBINATION STANDARD AND FIRE SERVICE

Where a meter is installed to provide both standard service and a supply to a private fire protection system, at other than multi-family premises, the applicable System Capacity Charge shall be based on the meter size required for standard service exclusive of the capacity for supplying the fire protection system as determined by the District based on plumbing code, fire protection code and water industry standards. The installation charges shown in Schedule D and all other rates and charges pertaining to the service shall be based on the actual size of the meter that is installed.

E. FIRE SERVICES AND STANDBY SERVICES

For fire services and standby services (additional service connections for security of supply), there shall be no System Capacity Charges.

*Same regions as described in B.1.



SCHEDULE J

SYSTEM CAPACITY CHARGE
(SCC)
(Continued)

F. ADDITIONAL WATER USE ON PREMISES RECEIVING SERVICE

The System Capacity Charge applicable to enlargement of an existing service at other than multi-family premises shall be based on the difference in the SCC for the new service size and the existing service size.

If additional dwelling units are constructed on premises subsequent to the installation of service and payment of an SCC under B.1, then the SCC applicable to each additional dwelling unit shall be immediately due and payable.

G. CREDIT FOR EXISTING SERVICES

Where one or more new services will replace one or more existing or prior services to a premises where an SCC was paid to initiate the water service, a credit will be given toward the new SCC based on the customer classification, meter size or water use information that was used to calculate the initial SCC payment (see Section A – SCC for Standard Service). ~~In no instance will the credit be less than that of the minimum meter size for the customer classification.~~ For instances where the existing or prior services were installed prior to 1983 and no SCC was paid, the SCC credit for meter sizes under 2" will be based on Sections A.1 and A.2 - SCC for Standard Service. For existing or prior services with meter sizes 2" and greater where no SCC was paid, the annual average of the past ten years of water consumption will be used to determine the SCC credit, but in no instance will the credit be less than that of a ~~1.5" minimum~~ meter size for the customer classification listed in Sections A.1 and A.2 – SCC for Standard Service. No SCC credit will be given unless prior service to the premises is verified. If the SCC is paid with the service connection to be completed by meter installation at a later date, and existing service(s) are to remain in service until that time, the applicable credit for the existing service(s) will be in the form of a refund when the existing services are removed. The SCC credit cannot be applied to a standby meter, fire service meter, or in the case of a combination standard and fire service meter, the portion of the meter oversized for the private fire protection system. Where the initial SCC payment was made under Schedule J Section I Required Separate Irrigation Meter for Single Family Service Connections, the SCC credit can not be applied to the separate irrigation meter without a SCC credit on the residential meter. The SCC credit for an existing service can only be applied to the premises where the existing service is located. "Premises" is defined in the Section 1 of the District's Regulations Governing Water Service.

For common area meters installed under the July 20, 1993 Wiedemann Agreement, credit toward a new SCC for these meters will be based on the actual SCC payment for each meter installed, not based on the size of the existing meter.



SCHEDULE J

**SYSTEM CAPACITY CHARGE
(SCC)
(Continued)**

H. TEMPORARY CONSTRUCTION SERVICE

A System Capacity Charge paid on a temporary construction service will be refunded if said service is removed within a 1-year period after installation.

I. REQUIRED SEPARATE IRRIGATION METER FOR SINGLE FAMILY SERVICE CONNECTIONS

If an irrigation meter is required for a single-family connection because the landscape exceeds the threshold for a dedicated irrigation meter in Section 31 of the Regulations, two meters will be installed – one for the indoor and private fire service (if applicable) needs of the building and a separate meter dedicated for irrigation. One single-family SCC shall be applicable based on the hydraulic capacity needed to serve the irrigation and indoor needs. The hydraulic capacity of the installed meter or meters will be equal to or exceed the hydraulic capacity of the meter size that was charged in the SCC fee. The installation charges shown in Schedule D and all other rates and charges pertaining to the service(s) based on the actual size of the meter(s) that are installed shall apply.

J. NONPOTABLE WATER SERVICE

1. Nonpotable Water Service Connections (dollars per connection)

METER SIZE (INCHES)	REGION					
	1	2	3			
5/8	\$7,480	<u>\$7,680</u>	\$10,000	<u>\$10,270</u>	\$11,690	<u>\$12,000</u>
3/4	11,220	<u>11,520</u>	15,010	<u>15,410</u>	17,530	<u>18,000</u>
1	18,740	<u>19,240</u>	25,060	<u>25,730</u>	29,280	<u>30,060</u>
1-1/2	37,470	<u>38,480</u>	50,120	<u>51,460</u>	58,550	<u>60,120</u>
<u>2</u>	59,960		80,200		93,690	

All SCC for nonpotable water service connections with meters larger than 1-1/2~~2~~ inches shall be determined by applying the Future Water Supply Component unit charge to the defined projected water demand approved by the District. The SCC will not be less than the 1-1/2~~2~~-inch meter charge from Section J.1, above.

K. DUAL STANDARD SERVICES

An SCC shall be applicable for separate meters installed to provide dual (potable and nonpotable) standard service, based on the meter size(s) for each service.



SCHEDULE J

**SYSTEM CAPACITY CHARGE
(SCC)
(Continued)**

L. ADJUSTMENT OF SCC FOR WATER-CONSERVING LANDSCAPING ON PUBLICLY OWNED PROPERTY

To further encourage water conservation, the SCC for a water service connection exclusively for irrigation of landscaping on property owned by a public agency may be reduced or not required based on long-term water service needs after an initial planting establishment period of not more than three years (the "initial period"); provided that (1) the landscape plan incorporates drought-tolerant and other low-water-use planting materials on a major part of the landscaped area, and (2) the long-term water need would result in replacement of the initial water meter with a smaller meter or water service would be discontinued and removed at the end of the initial period, as solely determined by the District.

A public agency applying for water service under such conditions shall submit a written request to the District prior to the time of payment of the SCC. The request shall set forth in detail the facts supporting an adjustment of the SCC, shall include information and plans clearly describing the planting materials and irrigation system, and shall include data and calculations clearly demonstrating the estimated initial and long-term water needs.

If the District determines that the SCC can be based on a smaller meter or discontinuation of service after the initial period, the public agency shall enter into a water service agreement which provides for (1) payment of the reduced SCC prior to installation of service; (2) verification of the long-term need at the end of the period; and (3) payment of the additional SCC required if the initial meter is not to be replaced, or the replacement meter is larger than initially determined, or water service is not discontinued and removed. If additional SCC payment is required, it shall be based on the charges in effect at the time of initial SCC payment, and shall be due and payable within 30 days of written notice from the District. The agreement shall be binding upon all subsequent owners of the property and shall be recorded.

Installation charges for the service connection shall be based on the meter size initially installed.

The above-mentioned SCC adjustments do not apply to nonpotable water service accounts.

Schedule N

Water Demand Mitigation Fees

FY17



**SCHEDULE OF RATES AND CHARGES TO CUSTOMERS
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SCHEDULE N

WATER DEMAND MITIGATION FEES

The Water Demand Mitigation Fee funds District conservation programs that are intended to achieve water savings that offset water demand from development within the territory or development where the fees are collected. The Water Demand Mitigation Fee is payable at the time application for service is made or prior to release of the distribution system pipelines and related appurtenances when the installation of water main extensions are required.

A. WATER DEMAND MITIGATION FEES FOR "THE MEADOWS" TERRITORY

For service connections within "The Meadows" territory¹ payment of a Water Demand Mitigation Fee shall be required in addition to all other applicable fees and charges, including the applicable System Capacity Charge (SCC).

1. Non-Residential Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE MEADOWS TERRITORY	
5/8	\$12,740	<u>\$13,080</u>
3/4	18,340	<u>18,840</u>
1	28,540	<u>29,300</u>
1-1/2	55,030	<u>56,510</u>
2	401,920	

2. Single Family Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE MEADOWS TERRITORY	
5/8	\$12,470	<u>\$12,810</u>
3/4	18,340	<u>18,840</u>
1	28,540	<u>29,300</u>
1-1/2	55,030	<u>56,510</u>

¹ As defined in Contra Costa Local Agency Formation Commission Resolution No. 96-33, adopted August 13, 1997.



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SCHEDULE N

WATER DEMAND MITIGATION FEES

(Continued)

3. The Water Demand Mitigation Fee for ~~non-residential~~ service connections with meters larger than ~~2 inches and single family residential service connections with meters larger than~~ 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the applicable SCC Future Water Supply component and multiplier (1.09) established by the Board of Directors for smaller meters.
4. For phased developments within The Meadows territory, the Water Demand Mitigation Fee is payable for all connections within the phase prior to release of the distribution system pipelines and related appurtenances.

B. WATER DEMAND MITIGATION FEES FOR "THE WENDT RANCH" TERRITORY

For service connections within "The Wendt Ranch" territory²⁴ payment of a Water Demand Mitigation Fee shall be required in addition to all other applicable fees and charges, including the applicable System Capacity Charge (SCC).

1. Non-Residential Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE WENDT RANCH TERRITORY	
5/8	\$16,360	<u>\$16,800</u>
3/4	23,560	<u>24,190</u>
1	36,650	<u>37,630</u>
1-1/2	70,690	<u>72,580</u>
2	130,900	

2. Single Family Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE WENDT RANCH TERRITORY	
5/8	\$16,020	<u>\$16,450</u>
3/4	23,560	<u>24,190</u>
1	36,650	<u>37,630</u>
1-1/2	70,690	<u>72,580</u>

²⁴ As defined in Contra Costa Local Agency Formation Commission Resolution 97-5, adopted March 12, 1997.



SCHEDULE N

WATER DEMAND MITIGATION FEES
(Continued)

3. The Water Demand Mitigation Fee for ~~non-residential~~ service connections ~~with meters larger than 2 inches and single family residential service connections~~ with meters larger than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the applicable SCC Future Water Supply component and multiplier (1.40) established by the Board of Directors for smaller meters.
4. For phased developments within The Wendt Ranch territory, the Water Demand Mitigation Fee is payable for all connections within the phase prior to release of the distribution system pipelines and related appurtenances.

C. WATER USE OFFSET FEES FOR THE WIEDEMANN RANCH DEVELOPMENT⁴³

For service connections within "the Wiedemann Ranch Development", payment of a Water Use Offset Fee shall be required in addition to all other applicable fees and charges, including the System Capacity Charge (SCC).⁴²

1. Common Area Offset Fee

The total Water Use Offset Fee for common areas in the Wiedemann Ranch Development is ~~\$66,856~~\$67,774, and payable as a condition of issuance of the first meter for the common area.⁵³

2. Single Family Service Connections

The Water Use Offset Fee for each residential lot in the Wiedemann Ranch Development is ~~\$6,673~~\$6,765, which amount shall be indexed using the same index as for the common area offset fee.

³⁴The Wiedemann Ranch Development, SCC Region 3A, a 439 acre development in Contra Costa County, is described with particularity in Exhibit A to the July 20, 1993 Agreement Between EBMUD and HCV & Associates, Ltd., Wiedemann Ranch, Inc. and Sue Christensen ("Wiedemann Agreement").

⁴²The Wiedemann Agreement specifies the amount and other terms related to the Future Water Supply Component of the SCC for the Wiedemann Ranch Development.

⁵³The Water Use Offset Fee shall be indexed to the U.S. City Average of the Consumer Price Index issued by the U.S. Department of Labor for each calendar year or portion thereof from the July 20, 1993 date of the Wiedemann Agreement to the date of payment of the offset fee.



SCHEDULE N

WATER DEMAND MITIGATION FEES

(Continued)

D. ADDITIONAL WATER USE OFFSET FEES FOR THE WIEDEMANN RANCH DEVELOPMENT⁶⁴

For water service within The Wiedemann Ranch Development, payment of Additional Water Use Offset Fees shall be required in the event the annual water budget⁷⁴ is exceeded.

1. The Additional Water Use Offset Fee shall be determined by the number of gallons of water used during the average of the two consecutive years in excess of the annual water budget times the per gallon fee of ~~\$14.40~~\$14.60.⁸⁵

⁶⁴The Wiedemann Ranch Development, SCC Region 3A, a 439 acre development in Contra Costa County, is described with particularity in Exhibit A to the July 20, 1993 Agreement Between EBMUD and HCV & Associates, Ltd., Wiedemann Ranch, Inc. and Sue Christensen ("Wiedemann Agreement").

⁷⁴The Wiedemann Agreement specifies the formula for calculating the annual water budget and the specific methodology for calculating and collecting the additional water use offset fee.

⁸⁵The Wiedemann Agreement specifies the terms related to the Additional Water Use Offset Fee. The Additional Water Use Offset Fee shall be indexed to the U.S. City Average of the Consumer Price Index issued by the U.S. Department of Labor for each calendar year or portion thereof from the July 20, 1993 date of the Wiedemann Agreement to the date of payment of the additional water use offset fee.



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**WATER DEMAND MITIGATION FEES
(Continued)**

E. WATER DEMAND MITIGATION FEES FOR CAMINO TASSAJARA INTEGRATED PROJECT¹⁹

For service connections within the Camino Tassajara Integrated Project²¹⁰, payment of a Water Demand Mitigation Fee (WDMF) shall be required in addition to all other applicable fees and charges including the applicable System Capacity Charge (SCC). The Board of Directors adopted Section 3D to the Water Service Regulations in January 2003 to codify the WDMF and other conservation requirements imposed on the project territory by the County and Local Agency Formation Commission.

1. Non-Residential Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE CAMINO TASSAJARA INTEGRATED PROJECT	
5/8	\$15,770	<u>\$16,190</u>
3/4	22,730	<u>23,330</u>
1	35,340	<u>36,280</u>
1-1/2	68,150	<u>69,970</u>
2	126,180	

2. Single Family Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE CAMINO TASSAJARA INTEGRATED PROJECT	
5/8	\$10,840	<u>\$11,130</u>
3/4	15,920	<u>16,350</u>
1	24,800	<u>25,470</u>
1-1/2	47,800	<u>49,080</u>

⁹⁴The Water Demand Mitigation Fee shall be indexed to the unit charge of the Future Water Supply component of the EBMUD System Capacity Charge.

¹⁰²As generally described in the October 9, 2002 Miscellaneous Work Agreement between the District, Shapell Industries, Ponderosa Homes II, and Braddock and Logan Group II.



SCHEDULE N

WATER DEMAND MITIGATION FEES

(Continued)

3. The WDMF for ~~non-residential~~ service connections with meters larger ~~than 2 inches~~ and ~~single family residential service connections with meters larger~~ than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the applicable SCC Future Water Supply component and multiplier (1.61) established by the Board of Directors for smaller meters.

The WDMF for new water service at multi-family premises shall be as listed below. For purposes of this Schedule N, "multi-family premises" shall mean premises with two or more attached or separate residential dwelling units, rental or owner-occupied, which is determined by the District to be a single premises for receiving water service, provided that each separate ~~residential structure~~ dwelling unit of a multi-family premises shall be separately metered ~~as specified in Sections 2 and 3 of the District's Regulations Governing Water Service.~~

Multi-Family Premises – Dollars Per Dwelling Unit (DU)

Each of the first 10 DU in a single structure	\$6,500	<u>\$6,680</u>
Each additional DU in same structure	5,200	<u>5,340</u>

The above WDMF shall apply regardless of the arrangement of water metering or meter size at the premises; however, the District may limit the size and number of service connections to a combined capacity appropriate to the anticipated water use at the premises.

No additional WDMF shall be applicable for separate meters installed to provide irrigation for landscaping on the premises in the immediate area contiguous to the dwelling unit structures, provided such landscaped area is to be used exclusively by the residents. All other rates and charges shall be based on actual number and size of meters and does not apply to the requirements listed below.

A WDMF shall be applicable for separate meters installed to serve other water uses in the vicinity of the multi-family premises, such as irrigation of open space areas, parks, roadway medians, recreational facilities, and areas designated for public use. The WDMF shall be based on meter size as provided under E.1 above. If these other water uses are included in the water service connection to the multi-family premises, the District shall, for purposes of determining the applicable WDMF, determine the equivalent meter size for these uses based on plumbing code and water industry standards, as if there were a separate service connection.



SCHEDULE N

WATER DEMAND MITIGATION FEES
(Continued)

4. The WDMF is payable for all connections within phased developments prior to release for construction, the distribution system pipelines and related appurtenances.
5. Water use in excess of 120 percent of the annual water budget¹¹³ shall be subject to an Additional WDMF (on a per-occurrence basis). The Additional WDMF shall be determined by multiplying the amount of water used in excess of 100 percent of the annual water budget times the per gallon fee of ~~\$1.00~~\$1.03 per gpd.

¹¹³The water budget shall be established pursuant to the October 9, 2002 Miscellaneous Work Agreement referenced in Footnote 2.



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**WATER DEMAND MITIGATION FEES
(Continued)**

**F. WATER DEMAND MITIGATION FEES FOR GALE RANCH PHASE 2,
SUBDIVISION 9134¹²**

For service connections within Gale Ranch Phase 2, Subdivision 9134, payment of a Water Demand Mitigation Fee (WDMF) shall be required in addition to all other applicable fees and charges including the applicable System Capacity Charge (SCC).

1. Non-Residential Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE GALE RANCH PHASE 2 SUBDIVISION 9134	
5/8	\$15,110	<u>\$15,520</u>
3/4	21,760	<u>22,350</u>
1	33,840	<u>34,740</u>
1-1/2	65,290	<u>67,040</u>
2	120,890	

2. Single Family Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE GALE RANCH PHASE 2 SUBDIVISION 9134	
5/8 ¹³	\$10,370	<u>\$10,650</u>
3/4	15,260	<u>15,670</u>
1	23,720	<u>24,360</u>
1-1/2	45,760	<u>46,980</u>

¹²The Water Demand Mitigation Fee shall be indexed to the unit charge of the Future Water Supply component of the EBMUD System Capacity Charge.

¹³5/8" fee based on 32,594 gpd demand LUDS demand minus 10,884 gpd middle school demand credit divided by 63 residential units resulting in 345 gpd/residential unit.



SCHEDULE N

WATER DEMAND MITIGATION FEES
(Continued)

3. The WDMF for ~~non-residential~~ service connections with meters larger ~~than 2 inches~~ and ~~single family residential service connections with meters larger~~ than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the applicable SCC Future Water Supply component.

No additional WDMF shall be applicable for separate meters installed to provide irrigation for landscaping on the premises in the immediate area contiguous to the dwelling unit structures, provided such landscaped area is to be used exclusively by the residents. All other rates and charges shall be based on actual number and size of meters and does not apply to the requirements listed below.

A WDMF shall be applicable for separate meters installed to serve other water uses in the vicinity of the multi-family premises, such as irrigation of open space areas, parks, roadway medians, recreational facilities, and areas designated for public use. The WDMF shall be based on meter size as provided under F.1 above. If these other water uses are included in the water service connection to the multi-family premises, the District shall, for purposes of determining the applicable WDMF, determine the equivalent meter size for these uses based on plumbing code and water industry standards, as if there were a separate service connection.

Real Property Use Application Fees

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REAL PROPERTY USE APPLICATION FEES

TYPE OF USE	APPLICATION FEE
Fee Title (<i>Outright purchase of District property</i>) <u>Properties for Sale</u> <u>Unsolicited</u>	\$2,000.00 <u>\$2,000.00</u> <u>12,000.00</u>
Easement (<i>Rights for permanent use of District property, such as access, utilities, etc.</i>) <u>Utility Type</u> <u>Other</u>	1,000.00 <u>2,000.00</u> <u>5,600.00</u>
Quitclaim (<i>Removal of District's right, title and interest to property</i>) <u>Pipe Abandonment</u> <u>Other</u>	1,000.00 <u>1,000.00</u> <u>2,300.00</u>
Revocable License (<i>Permission to use District property for periods exceeding one year, subject to revocation. For such uses as utility and road crossings of aqueduct properties</i>)	500.00 <u>1,600.00</u>
Lease (<i>The right to occupy and use District land for a specified time period</i>)	600.00 <u>2,000.00</u>
Telecommunication Lease (<i>Long-term lease for PCS, cellular and/or radio uses</i>)	2,000.00 <u>3,400.00</u>
Information-only (<i>Request for information requiring research of District records. Information-only applicants will be charged a fee only if the estimated research time exceeds one hour</i>)	\$60/hr <u>130.00</u>
Processing and Review of Watershed Land Use Proposals (<i>Request for District to perform a formal evaluation of watershed land use proposal</i>)	\$60/hr <u>130.00</u> (plus all other District costs)
Property Entry Permits, Rights of Entry , Temporary Construction Permits (<i>Permission for temporary access onto District</i>)	400.00 <u>300.00</u>
Limited Land Use Permit (<i>Allows landscaping, gardening or other minor surface use of District property, subject to annual renewal</i>)	25.00 <u>100.00</u>
<u>Temporary Construction Easement/Encroachment Permit</u> (<i>Permission for temporary access onto District</i>) <u>Open Land, No District Facilities</u> <u>With District Facilities</u>	<u>600.00</u> <u>2,200.00</u>
<u>Survey Costs if needed</u> (<i>Application use fees listed above do not include survey costs if needed</i>)	<u>\$125.00/hr</u>

Public Records Act Fee Schedule

FY17



PUBLIC RECORDS ACT FEE SCHEDULE

INTRODUCTION

The following Fee Schedule has been established by the District to cover the costs for duplicating District documents, drawings, maps, recordings, and other records, as required by the Public Records Act.

The District offers access to its records upon receipt of a request that reasonably describes an identifiable record. Any questions or requests concerning District documents should be addressed to the Secretary of the District, East Bay Municipal Utility District, P.O. Box 24055, Oakland, California 94623-1055, or by calling (510) 287-0404.

CHARGES

Pursuant to the Public Records Act, the District may recover the "direct cost of duplication" for disclosable public records, unless a different charge is provided by statute. The direct cost of duplication generally covers two types of expenses – materials & equipment costs and labor costs.

- Materials & Equipment costs generally include the capital cost of the equipment, the maintenance contract, paper supplies, and other necessary expenses that must be incurred in order to make the equipment operational.
- Labor costs ordinarily include the pro rata salary and benefits of the clerical or technical employee operating the equipment.

The total cost for providing copies is a combination of materials, labor for actual duplication time, equipment usage, and postage, if applicable. The direct cost of duplication may vary depending on the size and type of media requested and the kind of reproduction equipment required.

Photocopies of non-District materials housed in the District Library or in other areas are charged at the same rate as District documents.

Prices quoted in this fee schedule are subject to change. An estimate of cost will be provided upon request.

Any records sent outside for duplication will be billed the actual cost of duplication by the outside vendor.

PAYMENT

For requests estimated to cost over \$100 in duplication fees, a deposit in the amount of the estimated fee will be required before duplication.

For all requests, payment in advance is required before release of records. Acceptable methods of payment include cash or check (payable to East Bay Municipal Utility District).



PUBLIC RECORDS ACT FEE SCHEDULE

(Continued)

INSPECTION/DELIVERY/PICK UP

The requestor is entitled to inspect records and/or obtain copies of records during normal business hours (8:00 a.m. to 4:30 p.m., Monday through Friday).

If the requestor wishes records to be delivered, copies will be sent first class mail unless the requestor makes other arrangements for pick up or delivery with the Secretary's Office. Postage will be charged for copies mailed to the requestor.

Federal Express service is available if the requestor supplies a Federal Express account number.

LEGAL COMPLIANCE OBLIGATIONS

Responsibility for adherence to copyright law rests with the individual requesting copies.

CATEGORIES

This Fee Schedule covers the following categories of document types or formats:

- I. Paper Based Records
 - A. General Business Documents & Engineering Drawings
 - B. Printed Maps
 - C. Bid Documents for Publicly Bid Projects
- II. Electronically Stored or Generated Records
 - A. Records that already exist
 - B. Records that do not already exist
 - C. Audio Cassette Tapes
 - D. Compact Disks (CDs)
 - E. Digital Versatile Disks (DVDs)

Fees for document types/requests not covered herein will be provided upon request.



PUBLIC RECORDS ACT FEE SCHEDULE

(Continued)

I. PAPER BASED RECORDS

A. GENERAL BUSINESS DOCUMENTS & ENGINEERING DRAWINGS

The fees charged for reproducing general business documents and engineering drawings, and printed maps photocopied onto regular paper in the sizes indicated below are based on the actual cost of duplication by District.

**Fee = Labor Cost (~~\$0.52~~\$0.54 per minute duplicating time)
+ Materials & Equipment Cost (e.g., cost per sheet or media)
+ Postage (if applicable)**

- Labor Costs: Labor costs for duplication time is charged at the rate of \$0.52 per minute. Labor costs are based on the labor rate of a clerical employee and is charged only for the actual time spent on duplication.
- Material & Equipment: The duplicating cost per sheet or media type is based on the actual cost of materials and equipment needed to reproduce documents. As detailed below, fees will vary depending on the type and size of documents and the method used for duplication.

1) Regular copies

8-1/2 x 11 \$0.09/pg
11 x 17 0.17/pg

2) Color copies

Requests for color copies may be sent to an outside vendor and charged back to the requestor.

3) Facsimile copies within the continental U.S.

8-1/2 x 11 0.50/pg



PUBLIC RECORDS ACT FEE SCHEDULE

(Continued)

4) ENGINEERING DRAWINGS

Size	Bond	Vellum
8-1/2 x 11	\$0.09	N/A
11 x 17	0.17	N/A
17 width	0.33	N/A
22 width	0.66	\$1.77
28 x 38	0.96	N/A

For sizes larger than those indicated in this chart, Engineering Records will determine the cost.

Drawings having a width greater than 36 inches cannot be reproduced on District equipment and must be sent out for commercial copying. These charges will be billed to the requestor.

B. PRINTED MAPS

The fees in this section apply to the duplication of existing hard copy B-maps. The fee listed is the cost per map for duplication by the District's print shop. All other pre-printed map sizes require special formatting and the cost for duplication by an outside vendor will be determined upon request.

- **B-maps** 250' scale (11 x 17) includes Map View prints...\$0.99/map
- **Map Book Covers.** 38.64/cover

C. BID DOCUMENTS FOR PUBLICLY BID PROJECTS

Copies of plans and specifications for publicly bid construction projects are available through the District's Specifications, Cost Estimating, and Engineering Standard Records (ESR) Section at a per set cost established as each project is issued for bid. The fee will be based on the cost for duplication at the District's print shop or an outside copy service and postage, if applicable.

Pre-paid documents will be sent first class mail unless the requestor makes other arrangements for document pickup or delivery with the Specification's Clerk. Federal Express service is available if the requestor supplies a Federal Express account number.



PUBLIC RECORDS ACT FEE SCHEDULE

(Continued)

Contract Documents are also available for viewing and downloading online at EBMUD's public website: www.ebmud.com, via the "Business Opportunities" and "Construction Bid Opportunities" Link.

Copies of CD-ROM versions of contract documents in Adobe Acrobat format are available free of charge from the Specifications Clerk at 510-287-1040.

Copies of historic contract documents can be provided in accordance with the provisions of item 1: General Business Documents.

II. ELECTRONICALLY STORED OR GENERATED DATA

The fees in this section apply to records stored electronically.

In general, there are two types of electronic records: (a) records that already exist on the system and merely require printing; and (b) records that do not currently exist and require data compilation, extraction, or programming to produce. A different fee rate applies to each of these types of records.

A. RECORDS THAT ALREADY EXIST

When a requester seeks a record that already exists on the system (i.e., a record merely needs to be retrieved and printed, and does not require data compilation, extraction, or programming to produce), the following fee applies:

**Fee = Labor Cost (~~\$0.52~~\$0.54 per minute duplicating time)
Materials & Equipment Cost
+ Postage (if applicable)**

Materials & Equipment costs vary with the types/formats of records requested, as specified below:

1) Digital copies – PDF Files of B-maps

Cost of Media:

▪ CD	\$ 3.05
▪ DVD	6.35
▪ Electronic transfer	N/C



PUBLIC RECORDS ACT FEE SCHEDULE

(Continued)

2) Maps on Demand

Cost per copy:

Size	Bond	Vellum*	Bond Color
8-1/2 x 11	\$0.10	\$0.19	\$0.38
11 x 17	0.19	0.36	0.73
17 x 22	0.33	0.60	2.05
22 x 34	0.49	0.84	3.38
28 x 38	0.66	1.10	5.02

*These costs reflect color plots produced only from existing files.

3) Other Electronic Records

Description	Charge Per Unit
- 8-1/2 x 11 (PC Printer)	\$0.09/pg
- CD	3.05/ea
- DVD	6.35/ea

B. RECORDS THAT DO NOT ALREADY EXIST

When a requester seeks records that do not currently exist on the system and require data compilation, extraction, or programming to produce, the requestor shall pay the cost to construct a new record, and the cost of programming and computer services necessary to produce a copy of the record. However, the District is under no obligation to provide records that do not already exist. Accordingly, the applicable fee is:

Fee = Labor Cost (~~\$0.99~~\$1.02 per minute production time)
+ Materials & Equipment Cost (rates specified in Section II.A)
+ Postage (if applicable)

Labor cost is based on the "average technical labor" rate and is charged only for the actual time spent producing the record.



PUBLIC RECORDS ACT FEE SCHEDULE

(Continued)

This fee also applies when the request requires producing a record outside of the regularly scheduled interval.

C. AUDIO CASSETTE TAPES

Regular meetings of the Board of Directors are recorded on audiotape. Copies of tapes are available upon request.

Fee = Labor Cost (~~\$0.52~~\$0.54 per minute duplicating time)
Cost per tape (90-minute cassette tape = \$1.68/tape)
+ Postage (if applicable)

D. COMPACT DISCS (CDs)

Fee = Labor Cost (~~\$0.52~~\$0.54 per minute duplicating time)
Cost per disc (CD-R Disc, Write-Once, 700MB, 80 Minute, 52X = \$3.05/disc)
+ Postage (if applicable)

E. DIGITAL VERSATILE DISCS (DVDs)

Fee = Labor Cost (~~\$0.52~~\$0.54 per minute duplicating time)
Cost per disc (DVD+R, 16X, Single Sided, 4.7 GB/120 Minutes = \$6.35/disc)
+ Postage (if applicable)

DISTRICT PUBLICATIONS FEES

Fee =	Cost of publication (see below)
+	Sales tax
+	<u>Postage</u> (if applicable)
Municipal Utility District Act	\$5.15
Rules and Regulations (Customer Service Book)	8.12
Water Conserving Plants and Landscape for the Bay Area (Water Conservation Section)	
1 – 4 copies (EBMUD pickup)	12.00
1 – 4 copies (mailed)	15.00
5 or more copies	11.00
Its Name Was MUD	18.00
Educational Materials (Outside of District's Service Area)	
Teachers Guides	
1 – 50 copies	\$2.00 each
51 – 1,500 copies	1.75 each
Student Workbooks	
1 – 5,000 copies	0.50 each
5,001 – 50,000 copies	0.43 each
Captain Hydro Posters	
1 – 1,000 copies	0.70 each
1,001 and up	0.50 each
Plants and Landscapes for Summer Dry Climates of the San Francisco Bay Region	
Soft cover	\$34.95 each
District customer and employee	24.95 each
Hardcover	49.95 each
District customer and employee	29.95 each
Wholesalers	up to 60% discount
Vendors	up to 50% discount

Wastewater Department

Schedule G

Capacity Fees

FY17



SCHEDULE OF RATES AND CHARGES TO CUSTOMERS
OF THE EAST BAY MUNICIPAL UTILITY DISTRICT

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SCHEDULE G
WASTEWATER DEPARTMENT
CAPACITY FEES

TABLE 1

Residential (\$/dwelling unit)^{1,5} \$1,860² \$2,150²

Non-Residential (\$/ccf/mo)^{3,4, 5}

2010	Meat Products	\$856	<u>\$1,027</u>
2011	Slaughterhouses	862	<u>1,003</u>
2020	Dairy Product Processing	679	<u>810</u>
2030	Fruit and Vegetable Canning	553	<u>656</u>
2040	Grain Mills	568	<u>661</u>
2050	Bakeries (including Pastries)	959	<u>1,129</u>
2060	Sugar Processing	534	<u>639</u>
2077	Rendering Tallow	1,707	<u>1,976</u>
2080	Beverage Manufacturing & Bottling	413	<u>491</u>
2090	Specialty Foods Manufacturing	1,733	<u>2,075</u>
2600	Pulp and Paper Products	489	<u>569</u>
2810	Inorganic Chemicals Manufacturing	647	<u>740</u>
2820	Synthetic Material Manufacturing	157	<u>180</u>
2830	Drug Manufacturing	344	<u>368</u>
2840	Cleaning and Sanitation Products	648	<u>734</u>
2850	Paint Manufacturing	1,195	<u>1,412</u>
2893	Ink and Pigment Manufacturing	429	<u>512</u>
3110	Leather Tanning and Finishing	1,633	<u>1,940</u>
3200	Earthenware Manufacturing	358	<u>411</u>
3300	Primary Metals Manufacturing	285	<u>327</u>
3400	Metal Products Fabricating	169	<u>194</u>
3410	Drum and Barrel Manufacturing	1,648	<u>1,968</u>
3470	Metal Coating	182	<u>210</u>
4500	Air Transportation	233	<u>272</u>
5812	Food Service Establishments	598	<u>693</u>
7000	Hotels, Motels with Food Service	436	<u>503</u>
7210	Commercial Laundries	382	<u>448</u>
7215	Coin Operated Laundromats	294	<u>339</u>
7218	Industrial Laundries	1,039	<u>1,240</u>



SCHEDULE OF RATES AND CHARGES TO CUSTOMERS OF THE EAST BAY MUNICIPAL UTILITY DISTRICT

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WASTEWATER DEPARTMENT

CAPACITY FEES

(Continued)

7300	Laboratories	242	<u>246</u>
7542	Automobile Washing and Polishing	277	<u>323</u>
8060	Hospitals	274	<u>312</u>
8200	Schools	200	<u>232</u>
	All Other Business Classification Codes (includes dischargers of only segregated domestic wastes from sanitary conveniences)	278	<u>321</u>

Permit Accounts^{4, 6}

Flow (\$/ccf/mo)	139.19	<u>159.07</u>
Chemical Oxygen Demand Filtered (CODF) (\$/lb/mo)	38.20	<u>46.88</u>
Total Suspended Solids (TSS) (\$/lb/mo)	55.44	<u>63.10</u>

¹ Includes BCC 6514 and 8800.

² Residential fee is calculated as follows:

Flow:	6.7	x	\$139.19	<u>\$159.07</u>	=	\$933	<u>\$1,066</u>
CODF:	7.9	x	38.20	<u>46.88</u>	=	302	<u>370</u>
TSS:	11.29	x	55.44	<u>63.10</u>	=	625	<u>712</u>
						\$2,148	<u>\$2,148</u>
						\$1,860	<u>Rounded to</u>
							<u>\$2,150</u>

³ Capacity Fee is based on the anticipated maximum monthly flow contributions multiplied by the average wastewater strength measured or assigned for each classification of customer. The District may review the actual flow and strength within 24 months, once the business is fully established to verify the estimated demand for wastewater capacity. The review may result in the assessment of additional capacity fees if the actual flow and strength exceeds the original estimate.

⁴ For non-residential customers with projected treatment revenues equal to or greater than 0.1% of the total District treatment revenue, the calculated capacity fee will be reduced by a Rate Stabilization Factor of 25%. Projected treatment revenue will be based on permit conditions at the time of application or on average wastewater strength measured for each classification of customer if a permit is not required for discharge. Total District treatment revenue will be based on the budgeted fiscal year amount at the time of application.



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SCHEDULE G

**WASTEWATER DEPARTMENT
CAPACITY FEES
(Continued)**

⁵ A credit may be provided for existing services. Where a new service will replace one or more existing or prior services to a premise where a capacity fee was paid, a credit will be given toward the new capacity fee demand and based on the previous capacity unit paid or if the existing service had not paid a capacity fee but in service since July 1, 1987 then the credit is based on historic use contributions.

⁶ Total fee is a summation of the unit rates for flow, CODF, and TSS times permit conditions at the time of application.