

# *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 2015**



***East Bay Municipal Utility District  
Oakland, California***





# 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 2015***

*Submitted to the Board of Directors  
by Alexander R. Coate, General Manager  
May 13, 2014*

***East Bay Municipal Utility District***



# East Bay Municipal Utility District

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## EAST BAY MUNICIPAL UTILITY DISTRICT

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DATE: May 13, 2014

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 2015

In 2001, the District implemented a two-year budgeting and rate setting process. Every two years as part of the biennial budget process, the Board considers and adopts both the budget and rates and charges for two consecutive fiscal years. In April, the General Manager files a report and recommendation on the proposed rate adjustments and detailed budget documents with the Board. Workshops are held in April, and a public hearing is held in June prior to the start of the fiscal year on July 1<sup>st</sup>. Pursuant to the requirements of Proposition 218, all customers are sent a notice of the public hearing. The Board adopts rates and charges for both fiscal years. In addition to the rates that are adopted as part of the biennial process, there are some rates such as capacity fees that are updated and approved annually as part of a mid-cycle update.

On June 11, 2013, the Board adopted a biennial budget for FY14-FY15 and approved the report and recommendation on rates and charges that covered both fiscal years. The adopted rate increase for FY15 is a 9.5% for the Water System and 8.5% for the Wastewater System. These FY15 water and wastewater rates and along with the other changes contained in the May 14, 2013 General Manager's Rate Report will go into effect on July 1, 2014.

This report contains the FY15 proposed changes to the rates for the System Capacity Charge (SCC), the Standard Participation Charge (SPC), and Water Demand Mitigation Fees, Wastewater Capacity Fee and other fees and regulations that were not contained in the biennial rate approval in 2013. These proposed rate, fee and schedule changes are not subject to the requirements of Proposition 218. Only fees and charges for ongoing water and wastewater services are subject to Proposition 218's requirements as property-related services. The following is a summary of the proposed changes:

### Water System

- For the SCC, SPC, and Water Mitigation Fees, update the water system assets and cost components used in the calculations.
- For Water Service Regulation Section 3B Major Facility Capacity for Standard Service, update the residential equivalent meter size used in the calculations to the District standard ¾" meter.

- Update Public Records Act Fee Schedule for the FY15 labor costs for duplication and programming.
- Beginning calendar year 2015 increase the Recreation Fee Schedule for daily trail permits from \$2.50 to \$3.00.

### **Wastewater System**

- For the Wastewater Capacity Fee, update the wastewater system assets and cost components used in the calculations and implement the second year of the five-year phase-in of impact of change in build-out capacity approved by the Board in 2013.
- For Wastewater Schedule B Rates for Resource Recovery Material Treatment, eliminate some waste categories, increase and decrease some waste category fees, and increase the annual permit fee from \$200 to \$300.

A Board workshop on the mid-cycle budget review and rates and charges is scheduled for May 27<sup>th</sup>. A public hearing on the recommendations contained in this report will also occur on June 10<sup>th</sup> and the Board will consider adoption of the recommendations at the June 10<sup>th</sup> Board meeting.

The changes to Water and Wastewater charges, fees and regulations are recommended to be effective as of July 1, 2014, with the exception of changes to SCC, SPC, Water Mitigation and Wastewater Capacity fees that are proposed to be effective on August 11, 2014, or sixty days following adoption by the Board.

ARC:ES:RL:rl



# 1. Water System Rates Charges and Fees



## **Chapter 1 – Recommended Revisions to Water Charges and Fees**

This report recommends revisions that are in addition to the FY15 changes to Water and Wastewater System rates, fees, and charges previously adopted as part of the FY14-FY15 Biennial Report and Recommendation of the General Manager. These rates are not subject to the requirements of Proposition 218.

Copies of the Regulations and Fees for recommended revisions are shown under Tab 5 of this report.

### **Water Service Regulations**

#### Water Service Regulation Section 3B Major Facilities Capacity for Standard Service

Section 3B of the Water Service Regulations outlines the process for assessing charges to applicants where the proposed water service requires the addition of major new facilities such as distribution reservoirs and pumps. The proposed change updates the description of the calculation process to be consistent with our updated residential equivalent service of a 3/4" meter. The prior equivalent meter size was 5/8".

### **RECREATION FEES**

The trail permit program allows access to hiking trails within the District's protected watershed and requires permit holders to follow the watershed rules and regulations. The daily permit fee has not been increased since it was introduced in 2000. The District proposes to increase the daily permit fee from \$2.50 to \$3.00 to recover the cost of administering the program. There are no changes to the annual, three-year or five-year trail permits.

### **PUBLIC RECORDS ACT FEE SCHEDULE**

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 update 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 new water customers 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 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 FY08, the Board adopted the recommendations of the SCC Study performed by Bartle Wells Associates. The proposed FY15 SCC rates are based on updates to calculations from that study, the details of which are contained in Exhibit 2. The SCC charge consists of three components:

1. 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. 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. 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 Standard Participation Charge (SPC), a District-wide charge that is applicable to only a few remaining contracts for service entered into prior to 1983, 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 Schedule J for the 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 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. The proposed SPC for a less than one-inch meter is \$7,960 for gravity zones and \$9,850 for pumped zones.
3. Adopt 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 11, 2014 or sixty days following adoption by the Board. These rates are not subject to the requirements of Proposition 218.

## DISCUSSION

A cost of service report was prepared by Bartle Wells Associates. Pursuant to the methodology outlined in the Bartle Wells report, the proposed System Capacity Charges were 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 FY15 SCC rate calculations as laid out in the Bartle Wells Study are shown in Exhibit 2. The Future Water Supply Component was also updated for FY15.

### SCC Rate Calculations

The proposed SCC rates are shown in Table 1 for a 3/4" meter for single-family residential and 5/8" 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: Proposed SCC Rate Changes**

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	\$5,751	\$16,100 (3.3%)	\$23,000 (3.3%)
Region 2	360	535	\$7,730	\$27,830 (3.3%)	\$41,360 (3.3%)
Region 3	580	625	\$6,139	\$35,610 (3.3%)	\$38,370 (3.3%)
Region 3C	775	775	\$10,437	\$80,890 (3.9%)	See Note 1
Region 3D	775	775	\$11,763	\$91,170 (3.9%)	\$91,170 (3.9%)

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. Because of the large numbers of SCCs processed each year, 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 1.5 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, as the required capacity is provided 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: Proposed SCC Unit Charges**

Region	Unit Charges \$/100 gpd				
	System-Wide Buy-In	Regional Buy-In	Post 2000	Future Water Supply	Total
Region 1	\$1,926	\$1,921		\$1,904	\$5,751
Region 2	\$1,926	\$3,900		\$1,904	\$7,730
Region 3	\$1,926	\$2,309		\$1,904	\$6,139
Region 3C	\$1,926	\$1,733	\$6,200	\$578*	\$10,437
Region 3D	\$1,926	\$1,733	\$6,200	\$1,904	\$11,763

\*The FWS Component for Region 3C is \$578 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	\$4,083,837,982*
Regional Buy-In Region 1	\$2,228,771,305
Regional Buy-In Region 2	\$1,174,103,156
<u>Regional Buy-In Region 3</u>	<u>\$1,521,827,112</u>
Regional Buy-In Total	\$4,924,701,573**
<b>Adjusted Asset Values Used in Buy-In Unit Costs</b>	<b>\$9,008,539,555***</b>
Future Water Supply	\$ 1,024,500,000

\*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 FY15 will be increased from \$1,845 per 100 gpd to \$1,904 per 100 gpd, an increase of 3.2%, to reflect the costs of financing for those projects that have already been completed as well as cost changes to current and future projects. 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**

FY15 Future Water Supply Projects (\$Millions)				
MAJOR PROJECTS	Total Costs	Costs Allocated to SCC		
		Allocated Costs*	Capitalized Interest**	TOTAL
WSMP Study and EIR Costs	\$77.4	\$51.4	\$59.1	\$110.5
Existing Reclamation	49.1	34.4	39.8	74.2
Freeport Regional Water Project	488.0	341.6	94.3	435.9
Additional Water Supply Projects	108.0	75.6	20.5	96.1
Bayside Groundwater Project	62.2	43.5	6.3	49.8
SFHayward Intertie Project	12.4	8.7	2.6	11.3
Recycled Water Projects	267.9	187.5	39.0	226.5
Central Valley Project Capital Facilities	28.8	20.2	-	20.2
<b>TOTAL</b>	<b>\$1,093.8</b>	<b>\$762.9</b>	<b>261.6</b>	<b>\$1,024.5***</b>
<b>Future Water Supply Unit Rate</b>	<u>\$1,024.5 Million</u> = \$1,904 per 100 gpd 53.8 MGD			

\*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 FY14 SCC calculation was \$992.9 million.

The program includes \$77.4 million for study and EIR costs and \$49.1 million for Existing Reclamation Projects such as the North Richmond Recycled Water Project.

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.

The \$108 million cost shown for the Additional Water Supply Projects include Groundwater Banking in Sacramento County, Mokelumne Regional Projects, Regional Desalination, and Water Transfers plus associated overhead costs for the Future Water projects. The Groundwater Banking Project would include a local (Sacramento County) partner or partners, and would enable the District to store excess water supplies acquired through water transfers for later extraction and use during times of drought. The project is in the pre-planning stages. Mokelumne Regional Projects will explore conjunctive use opportunities (including groundwater banking and storage options) with multiple San Joaquin County, Calaveras County and Amador County water agencies. The District has been participating in the Regional Desalination Project with Contra Costa Water District, San Francisco Public Utility Commission, Alameda County Flood and Water Conservation District – Zone 7, and Santa Clara Valley Water District and proposes to invest approximately \$11.6 million as its share of the cost to further the development project. The District expects to spend \$14 million to identify, evaluate, and acquire 10 MGD of long term and/or permanent water transfers and, if needed, to acquire interim supplies via purchase of short-term water transfers. Overhead costs for the Future Water Supply Projects were also included in the total cost for the Additional Water Supply Projects category.

The estimated total cost of Phases 1 and 2 of the Bayside Groundwater Project is \$62.2 million. Phase 1 was completed in December 2009. Data collected from the Phase 1 operation will determine how best to proceed on Phase 2 of the project.

The completed EBMUD-Hayward-San Francisco Intertie Project (Hayward Intertie) cost \$12.4 million to design and construct. The Hayward Intertie serves to provide an emergency connection to San Francisco Public Utilities Commission's Hetch Hetchy water system. Construction was completed in FY09.

The Future Water Supply component also includes \$267.9 million for Recycled Water Projects. Approximately \$135 million has been spent on the initial phase of the East Bayshore Recycled Water Project and the District's portion of the Dublin-San Ramon Services District (DSRSD)-EBMUD Recycled Water Authority project. Another \$140 million is expected to be spent on future expansion of both the East Bayshore and DERWA projects as well as other projects in the San Ramon Valley, San Leandro and North Richmond.

Capital facilities of the Central Valley Project (CVP) that are allocated to the District are included in the Future Water Supply Projects. Based on interaction with CVP entities (Bureau, CVP contractors, etc.) that total amount is estimated to be approximately \$28.8 million.

## **Second Unit (In-law Unit) SCC**

The District received a customer inquiry on second unit requirements in 2013 and the Board requested staff to review SCC for second units. In accordance with the District's regulations, second units are governed under the "multi-family premise" rule. Second units are developed as an addition/remodel to existing residences or a part of new constructions. With the addition of a second unit, an existing residence or a new construction becomes a multi-family premise. Second units being developed as an addition to existing residences would receive an SCC credit (varies by SCC region) from the existing meter to offset SCC dues for a two unit multi-

family premise, while new constructions are required to pay the SCC for a two unit multi-family premise.

District regulations set forth governing second units do not conflict with the California Government Code section 65852.150 (second unit) established in 2004 and aligns with the cost of service principles mandated by the state constitution and law. Furthermore, the requirement of a separate meter to measure water usage at each unit meets the District's conservation objectives. Since second units account for a very small number of new water service applications, these applications should be processed as multi-family premises. Staff will continue to monitor second unit activities and impacts within EBMUD and the industry.

## 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 1/1/2014)

Account	Description	Original Cost	Current Value ENR	Allocation
			2014*	
1001	Auto Control System	\$69,616,886	\$119,842,789	System-wide
1005	Hydroelect Power Generation	\$50,165,544	\$132,414,453	System-wide
1015	Source of Water Supply	\$116,244,212	\$738,245,711	System-wide
1025	Raw Wtr Transmission	\$326,793,370	\$2,035,251,739	System-wide
1060	Raw Wtr Trans Pump	\$40,844,897	\$111,933,285	System-wide
1080	Terminal Reservoirs	\$193,360,238	\$837,463,374	System-wide
1100	Water Treatment	379,876,736	\$798,728,208	By Region
1130	Distribution Pumping	176,813,081	\$316,022,720	By Region
1140	Distribution Reservoirs	338,690,760	\$927,165,975	By Region
1166	Distribution Mains	1,133,134,095	\$3,627,484,029	By Region
1170	Distribution Aqueducts	89,169,460	\$289,282,339	By Region
1175	Pressure Regulators	30,625,255	\$60,514,619	By Region
1180	Venturi Meters & Cath Prot Sta	6,032,937	\$11,057,523	By Region
1185	Distribution Hydrants	55,112,392	\$184,191,704	By Region
1200	General Plant Structures	\$217,567,238	\$371,039,000	System-wide
1205	Equipment-Trans & Constr	\$50,498,327	\$70,430,687	System-wide
1210	Equipment-Office	\$19,922,148	\$31,335,871	System-wide
1215	Equipment- Eng & Lab	\$3,699,288	\$6,166,465	System-wide
1220	Equipment-Tools & Work	\$4,516,067	\$7,549,827	System-wide
1225	Equipment- Stores	\$7,894	\$12,892	System-wide
1230	Equipment- Shop	\$1,688,016	\$2,858,072	System-wide
1300	Land Source of Supply	\$7,832,091	\$95,725,670	System-wide
1310	Land Raw Wtr Trans	\$3,710,592	\$45,367,831	System-wide
1315	ROW Raw Wtr Trans	\$1,229,538	\$3,080,268	System-wide
1320	Land Terminal Reservoirs	\$18,931,841	\$204,945,317	System-wide
1330	Land Water Treatment	\$2,974,390	\$18,422,590	System-wide
1340	Land Reclamation	\$2,174,793	\$3,838,471	System-wide
1350	Land Distribution	\$7,928,007	\$57,328,286	System-wide
1355	Land	\$1,737,088	\$3,976,345	System-wide
1360	Land General Plan	\$7,714,529	\$20,722,430	System-wide
1910	Unallocated As Built Costs	\$10,304,085	\$17,399,107	System-wide
1911	Deferred Software Costs	\$66,439,595	\$84,713,140	System-wide
1981	Dfd EB Wtrshed Master Pln Costs	\$5,900,230	\$8,163,780	System-wide
1985	Dfd Lab Expansion Costs	\$8,874,204	\$15,263,575	System-wide
1986	Dfd Solids Receiving Costs	\$728,024	\$1,487,434	System-wide
1988	Prelim Eng & Environ Studies	\$74,404,275	\$108,388,714	System-wide
	Subtotal	\$1,315,807,407	\$5,153,367,122	System-wide
	Subtotal	\$2,209,454,716	\$6,214,447,117	By Region
TOTAL		\$3,525,262,123	\$11,367,814,239	

\*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 1/1/2014)**

Account Description	Original Cost	Current Value ENR
		2014*
1001 Auto Control System	\$69,616,886	\$119,842,789
1005 Hydroelect Power Generation	50,165,544	\$132,414,453
1015 Source of Water Supply	116,244,212	\$738,245,711
1025 Raw Wtr Transmission	326,793,370	\$2,035,251,739
1060 Raw Wtr Trans Pump	40,844,897	\$111,933,285
1080 Terminal Reservoirs	193,360,238	\$837,463,374
1200 General Plant Structures	217,567,238	\$371,039,000
1205 Equipment-Trans & Constr	50,498,327	\$70,430,687
1210 Equipment-Office	19,922,148	\$31,335,871
1215 Equipment- Eng & Lab	3,699,288	\$6,166,465
1220 Equipment-Tools & Work	4,516,067	\$7,549,827
1225 Equipment- Stores	7,894	\$12,892
1230 Equipment- Shop	1,688,016	\$2,858,072
1300 Land Source of Supply	7,832,091	\$95,725,670
1310 Land Raw Wtr Trans	3,710,592	\$45,367,831
1315 ROW Raw Wtr Trans	1,229,538	\$3,080,268
1320 Land Terminal Reservoirs	18,931,841	\$204,945,317
1330 Land Water Treatment	2,974,390	\$18,422,590
1340 Land Reclamation	2,174,793	\$3,838,471
1350 Land Distribution	7,928,007	\$57,328,286
1355 Land	1,737,088	\$3,976,345
1360 Land General Plan	7,714,529	\$20,722,430
1910 Unallocated As Built Costs	10,304,085	\$17,399,107
1911 Deferred Software Costs	66,439,595	\$84,713,140
1981 Dfd EB Wtrshed Master Pln Costs	5,900,230	\$8,163,780
1985 Dfd Lab Expansion Costs	8,874,204	\$15,263,575
1986 Dfd Solids Receiving Costs	728,024	\$1,487,434
1988 Prelim Eng & Environ Studies	74,404,275	\$108,388,714
TOTAL	\$1,315,807,407	\$5,153,367,122

\*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
1/1/14 Fixed Assets Value (Escalated by ENR)*	\$11,367,814,239	
6/30/13 Fixed Assets Value (Escalated by ENR)	\$11,219,661,095	100%
Adjustment to Fixed Assets:		
Less Outstanding Debt (6/30/13)	-\$2,636,841,000	
Plus Existing Cash Reserves (6/30/13)	\$308,314,000	
Net Fixed Assets Value (6/30/13)	\$8,891,134,095	79.25%
Net Fixed Assets Value (1/1/14)	\$9,008,539,555	
Adjustment Factor of Fixed Assets	<b>79.25%</b>	

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

System-Wide Fixed Assets (from Table 7)	\$5,153,367,122
Net System-Wide Fixed Assets Value      79.25%	\$4,083,837,982
District Projected Net 2030 Consumption (gpd)	212,000,000
<b>Buy-in to Net System Wide Fixed Assets (\$/100 gpd)</b>	<b>\$1,926</b>

**Table 16. EBMUD Water SCC Review**  
**Combined Regions Regional Fixed Assets Buy-in Calculations\***  
**(as of 1/1/14)**

<b>Account</b>	<b>Descr</b>	<b>Region1</b>	<b>Region 2</b>	<b>Region 3</b>	<b>Total</b>
1100	Water Treatment	\$395,154,273	\$130,416,502	\$273,157,432	\$798,728,208
1130	Distr Pumping	\$61,826,220	\$107,693,567	\$146,502,933	316,022,720
1140	Distr Reserv	\$253,625,765	\$340,432,463	\$333,107,746	927,165,975
1166	Distr Main	\$1,761,490,648	\$774,400,698	\$1,091,592,684	3,627,484,030
1170	Distr Aqueducts	\$229,642,650	\$59,639,690	\$0	289,282,339
1175	Pressure Regul	\$15,870,410	\$36,875,941	\$7,768,268	60,514,619
1180	Venturi & Cathodic	\$6,891,898	\$600,534	\$3,565,090	11,057,522
1185	Distr Hydrants	\$87,969,348	\$31,533,320	\$64,689,036	<u>184,191,704</u>
	<b>Total</b>	<b>2,812,471,214</b>	<b>1,481,592,715</b>	<b>1,920,383,189</b>	<b>6,214,447,117</b>
	<b>Adusted totals</b>				
	79.25%	<b>2,228,771,305</b>	<b>1,174,103,156</b>	<b>1,521,827,112</b>	<b>4,924,701,573</b>
	<b>Regional Consumption</b>				
	<b>gpd</b>	<b>116,000,000</b>	<b>30,100,000</b>	<b>65,900,000</b>	
	<b>Regional Buy-in \$/100 gpd</b>	<b>\$1,921</b>	<b>\$3,900</b>	<b>\$2,309</b>	

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

### **3. Wastewater System Rates and Charges**



## Chapter 3 – Recommended Revisions to Wastewater System Charges and Fees

### RECOMMENDATION

- Change the Resource Recovery rate schedule to reflect additional experience in treating the various waste streams as shown on Schedule B Wastewater Department Rates for Resource Recovery Waste Treatment under Tab 5. Increase the annual permit fee from \$200 to \$300 to better reflect actual staff costs to process permits and administer the program.

These rates are not subject to the requirements of Proposition 218.

### DISCUSSION

#### Resource Recovery Program

The Resource Recovery program has been a significant source of revenue for the District through utilization of excess capacity at the Main Wastewater Treatment Plant (MWWTP) by the acceptance of trucked wastes. This program provides an environmentally sound disposal alternative to the community while maintaining fiscal responsibility to the ratepayers by utilizing the asset of the MWWTP's excess capacity. Based on the District's experience in operating the Resource Recovery facilities and the knowledge of customer's waste streams, the District proposes to consolidate some waste categories and sub-categories, increase some category fees and reduce the fee on other categories.

**Fats, Oil, and Grease (FOG)** - A decrease in the FOG rate is proposed, from \$0.11/gallon to \$0.08/gallon. The change at the start of FY15 will coincide with the opening of the new FOG station at the wastewater plant, which has been purpose designed and built to improve ease of receipt and operations at this receiving station, resulting in decreased cost.

**Groundwater** – Elimination of this waste category is proposed since it is not currently in use. Groundwater waste streams typically contain other contaminants and are categorized as process water.

**Process Water, Gray Water, and Liquid Organic Material** – These rates have not been adjusted in six years; therefore, increases in the rates are proposed to reflect increased costs. The treatment rate for process water is proposed to increase from \$0.04/gallon to \$0.05/gallon. The two rates for gray water are proposed to increase from \$0.03 and \$0.06/gallon (the rate depends on the level of total dissolved solids (TDS)) to \$0.04 and \$0.08/gallon. In addition, the TDS breakpoint between the two gray water treatment rates has been adjusted to better capture costs of treatment. The liquid organic material treatment rate is proposed to increase from \$0.03/gallon to \$0.04/gallon.

**Sludge** – The current sludge rate is \$0.05/gallon up to 3% total solids plus \$0.01/gallon per each increased 1% in total solids. The proposed sludge rate stays at \$0.05/gallon for material up to 3% total solids but decreases the increment for each increased 1% in total solids to \$0.005/gallon, which is more reflective of the incremental cost to treat this material.



**Protein Material** – Elimination of the distinction in price between protein materials under and over 10% total solids is recommended, as the distinction is not needed.

**Permit Fee** – The permit fee structure for the Resource Recovery program is proposed to increase from \$200 to \$300 for an annual permit to better reflect actual staff costs to process permits and administer the program. The permit fee was last increased in FY08.

#### 4. Wastewater Capacity Fees



## Chapter 4 – Wastewater Capacity Fees

### INTRODUCTION

The Wastewater Capacity Fee (WCF) was established in 1984 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 (COD<sub>f</sub>) 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 Schedule G for the Wastewater Department Capacity Fees. The proposed fees include the second 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 11, 2014, 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 COD<sub>f</sub> and 45.7% for TSS and the resulting WCF increase for FY14 to the single family connection would have been 60.2%. With the 5-year phase-in, the FY14 WCF increase for the single family connection was 12.1%.

For FY15, 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

second year of the 5-year phase-in of the modification of the WCF calculation was implemented. For FY15, the WCF rate is proposed to increase by 16.0% for the single-family connection, going from \$1,385 to \$1,607. Table 1 shows the proposed unit capacity rates for FY15 for the second year of the 5-year phase-in. The entire list of proposed capacity fees for FY15 is contained in Schedule G Wastewater Department Capacity Fee in Tab 4.

**TABLE 1      UNIT CAPACITY RATES WITH PROPOSED DESIGN FLOW MODIFICATION**

<b>Unit Capacity Rate</b>	<b>Current</b>	<b>FY15 PHASED-IN YR 2</b>	<b>% Incr</b>
Flow    /Ccf/ Month	\$106.98	\$121.97	14.0%
CODf    / lbs/ Month	\$ 23.18	\$ 30.34	30.9%
TSS     / lbs/ Month	\$ 43.00	\$ 48.77	13.4%
<b>Single Family Connection Charge</b>	<b>\$1,385</b>	<b>\$1,607</b>	<b>16.0%</b>

**Table 2**  
**EBMUD Wastewater Capacity Fee Analysis**  
**Asset Values by Class Code**

<u>Class Code</u>	<u>Class Description</u>	Original Value	ENR Adjusted Value
		<u>Class Total</u>	<u>Class Total</u>
WW0301 Total	North Interceptor	\$41,667,643	\$111,228,044
WW0302 Total	South Interceptor	34,258,339	174,680,748
WW0303 Total	Alameda Interceptor	9,630,895	39,146,700
WW0304 Total	Estuary Crossing	456,493	7,756,285
WW0305 Total	Central Avenue Interceptor	8,938,996	14,598,347
WW0306 Total	South Foothill Interceptor	21,468,263	37,789,805
WW0307 Total	Adeline Street Interceptor	18,612,785	31,180,979
WW0308 Total	Powell Street Interceptor	5,290,727	9,025,759
WW0309 Total	ANAS Interceptor	3,487,760	5,316,044
WW0310 Total	Wood St Interceptor	798,725	1,241,292
WW0311 Total	Mwwtp-Outfall Land	2,078,909	33,833,045
WW0312 Total	Mwwtp-Outfall Submarine	5,545,770	31,933,001
WW0313 Total	Mwwtp-Outfall Bridge	238,025	498,641
WW0321 Total	Pump Station A-Albany	3,671,840	6,216,086
WW0322 Total	Pump Station B-Fernside	6,626,560	12,099,444
WW0323 Total	Pump Station C-Krusi Park	13,118,647	24,508,332
WW0324 Total	Pump Station D-Oak Street	1,457,339	2,154,022
WW0325 Total	Pump Station E-Grand Street	1,437,475	1,990,902
WW0326 Total	Pump Station F-Atlantic Avenue	1,858,182	4,470,035
WW0327 Total	Pump Station G-Airport	2,676,794	5,435,885
WW0328 Total	Pump Station H-Fruitvale	11,425,516	19,328,078
WW0329 Total	Pump Station J-Frederick Street	1,353,719	3,811,263
WW0330 Total	Pump Station K-7Th Street	1,426,705	3,874,260
WW0331 Total	Pump Station L	4,860,237	8,461,537
WW0333 Total	Pump Station Q- Wet Weather Page St Berkeley	570,705	901,834
WW0334 Total	Pump Station N (new)	6,329	7,682
WW0335 Total	ANAS Pump Station	7,367,039	11,232,888
WW0341 Total	Mwwtp-Influent Pump Station	33,580,591	67,956,891
WW0342 Total	Mwwtp-Effluent Pump Station	18,614,506	44,768,355
WW0343 Total	Pt. Isabel Tp-Treatment & Pretreatment Structures	45,242,670	71,169,980
WW0344 Total	Pump Station M - Bridgeway	1,817,199	2,847,910
WW0346 Total	Mwwtp-Mid-Plant Pump Station	6,638,722	9,625,565
WW0347 Total	Mwwtp-Water Pump Station #3	896,125	1,583,574
WW0348 Total	Mwwtp-Wet Weather Pump Station	950,812	1,288,725
WW0349 Total	Mwwtp-Washdown Pump Station	215,504	380,825
WW0351 Total	Mwwtp-Aerated Grit Tanks	7,026,001	23,549,408
WW0352 Total	Mwwtp-Chlorine System	126,681	145,717
WW0354 Total	Point Richmond-Pretreatment Structure	8,000	13,276
WW0355 Total	Oakport Wet Weather-Pretreatment Structure	8,697,836	17,377,726
WW0356 Total	Oakport Wet Weather-Pretreatment Structure	737,462	1,474,619
WW0357 Total	Mwwtp-Grit Dewatering Station	12,447,091	15,864,714
WW0358 Total	Mwwtp-Channel Crossing For Bypass Channel	4,780,140	8,447,157
WW0359 Total	Mwwtp 90" Pipe-Primry Effluent Bypass	2,005,802	3,544,525
WW0360 Total	Mwwtp 72" Pipe-Primry Influent Bypass	2,540,549	4,349,532
WW0361 Total	Mwwtp-Diversion Structure	25,290,502	66,119,836
WW0362 Total	Mwwtp-Bypass Inlet Structure	15,415,976	59,503,975

Table 2 (cont.)

<u>Class Code</u>	<u>Class Description</u>	Original Value	ENR Adjusted Value
		<u>Class Total</u>	<u>Class Total</u>
<b>WW0363 Total</b>	North Interceptor Junction Storage	341,675	985,595
<b>WW0364 Total</b>	Mwwtp-Bypass Outlet Structure	587,432	1,670,552
<b>WW0365 Total</b>	Mwwtp-Final Effluent Bypass Channel	1,910,831	2,273,585
<b>WW0366 Total</b>	Mwwtp-Storage Basin	20,495,220	36,785,772
<b>WW0368 Total</b>	Mwwtp-Interem Sludge Disposal Facility	528,794	1,064,848
<b>WW0369 Total</b>	Mwwtp-Reactor Deck Area-Oxygen Production	11,292,511	24,549,630
<b>WW0370 Total</b>	Mwwtp-Secondary Treatment Facility	63,097,122	162,637,822
<b>WW0371 Total</b>	Mwwtp-Grounds & Improvements	10,586,649	52,547,039
<b>WW0372 Total</b>	Mwwtp-Administration And Lab Building	14,623,984	22,365,853
<b>WW0373 Total</b>	Mwwtp-Service Building	85,103	1,370,466
<b>WW0374 Total</b>	Mwwtp-Chemical Storage Building (Relocated)	3,099,994	4,891,169
<b>WW0375 Total</b>	Mwwtp-Administration And Lab Center	28,694,859	55,155,688
<b>WW0376 Total</b>	Mwwtp-Maintenance Center	12,537,129	22,313,571
<b>WW0381 Total</b>	Mwwtp-Process Water Plant	3,234,026	10,912,613
<b>WW0382 Total</b>	Mwwtp-Dechlorination Station	11,538,235	19,587,582
<b>WW0383 Total</b>	Mwwtp-Sludge Digestion Facilities	70,847,958	104,794,973
<b>WW0384 Total</b>	Mwwtp-Sludge Dewatering Facilities	39,171,706	58,129,429
<b>WW0385 Total</b>	Mwwtp-Temp Sludge Dewatering Facility	1,862,957	2,561,262
<b>WW0386 Total</b>	Mwwtp-Power Generation Station	79,725,786	113,948,101
<b>WW0387 Total</b>	Mwwtp-Filter Plant Solids Handling Facility	20,576,772	25,807,100
<b>WW0388 Total</b>	Mwwtp-Odor Control At Sludge Thickener	15,478,993	28,378,367
<b>WW0390 Total</b>	Mwwtp-Compost Area	138,697	257,375
<b>WW0391 Total</b>	Oakport WW-Chlor System	591,003	1,176,678
<b>WW0392 Total</b>	Oakport WW-DeChlor System	925,477	1,724,111
<b>WW0393 Total</b>	Oakport WW-Control Bldg	1,439,408	2,877,464
<b>WW0394 Total</b>	Oakport WW-Emg Gen	708,623	1,416,953
<b>WW0395 Total</b>	Oakport WW-Drainage	1,160,534	2,320,588
<b>WW0396 Total</b>	Oakport WW-Washwtr Pump Sta.	121,075	242,101
<b>WW0397 Total</b>	Oakport WW-Storage Bldg.	436,931	873,682
<b>WW0398 Total</b>	Oakport WW-Lscape/Pav/Fence	1,996,609	3,977,857
<b>WW0399 Total</b>	Mwwtp-Scum Dewatering Station	8,971,497	12,287,105
<b>WW0400 Total</b>	Mwwtp-Chemical Trench	720,479	1,273,184
<b>WW0401 Total</b>	Mwwtp-Piping For Plant Utilities	26,513,219	45,945,913
<b>WW0402 Total</b>	Mwwtp-Chlorination Building	4,251,633	7,478,731
<b>WW0450 Total</b>	Mwwtp-Composting Facility	1,455,854	1,842,847
<b>WW0500 Total</b>	San Antonio Creek Wet Weather TP	13,470,868	22,350,252
<b>WW0501 Total</b>	San Antonio Creek Ww Dechlorination Facility	3,590,821	5,578,242
<b>WW0502 Total</b>	San Antonio Creek Ww Outfall Structure	2,682,144	4,442,886
<b>WW0503 Total</b>	San Antonio Creek Ww Gravity Sewer	540,029	896,154
<b>WW0504 Total</b>	San Antonio Creek Ww Lake Merritt Channel Crossing	1,759,796	2,920,307
<b>WW0505 Total</b>	San Antonio Creek Ww Outfall Subequacious Pipeline	2,278,822	3,781,609
<b>WW0506 Total</b>	Mwwtp-Bulk Storage Area	4,675,143	7,758,202
<b>WW0507 Total</b>	Mwwtp-Pre-Chlorination Facility	1,451,611	2,408,886
<b>WW0508 Total</b>	Mwwtp-Sodium Bisulfite Area	2,228,383	3,697,908
<b>WW0917 Total</b>	Mwwtp-Field Services Bldg	2,707,085	3,949,208
<b>WWLAND Total</b>	Wastewater Land - General	14,461,026	17,550,740
<b>WWPEQP Total</b>	All Wastewater Portable Equipment	14,399,671	20,006,767
<b>Grand Total</b>		<b>\$921,356,762</b>	<b>\$1,934,500,016</b>

Table 3  
EBMUD Wastewater Capacity Fee Analysis  
Summary of Grant Funded Fixed Assets

<u>Description</u>	<u>Original Cost</u>	<u>Year</u>	<u>ENR Adjusted</u>
Digester	\$15,070,000	1976	\$60,681,699
Dewatering	4,435,827	1978	15,448,694
Temp. Dewatering	340,000	1978	1,184,121
Oxygen Production	4,086,325	1977	15,336,409
Secondary Reactors	16,260,000	1977	61,025,497
Secondary Clarifiers	12,040,000	1977	45,187,391
Grit Facilities	570,000	1976	2,295,194
Operations Center	760,000	1976	3,060,258
Scum Sys Equip	120,000	1976	483,199
Post Chlorination Equip	70,000	1976	281,866
Secondary Sys Channels	3,480,000	1976	14,012,761
Allocation of other SD	290,000	1976	1,167,730
Dechlorination	1,230,000	1978	4,283,732
Outfall Structure	450,000	1974	2,153,762
Operations Center	1,520,000	1976	6,120,516
Adm & Lab Bldg	1,950,000	1976	7,851,978
Maint. Bldg	780,000	1976	3,140,791
Lab Equip	320,000	1976	1,288,530
Process Water Plant	3,070,000	1977	11,522,034
Grounds & Imprvmnt	540,000	1977	2,026,677
Main pump Equip	590,000	1976	2,375,727
Effl. Pump Equip	960,000	1976	3,865,589
Grit Tanks	3,130,000	1976	12,603,432
Sedim Tanks	5,560,000	1976	22,388,205
Interim Sludge	460,000	1971	2,812,954
Post Chlorination	210,000	1967	1,890,391
Total	\$78,290,000		\$304,489,139
80% of Total			\$243,591,311



**Table 4**  
**FY15 EBMUD Wastewater Capacity Fee Analysis**  
**WITHOUT PHASING**

			Without Phasing Proposed FY15	Without Phasing Current FY14
Present Value Calculation				
Present Value (PV) of Existing Facilities (1)			\$1,934,500,016	\$1,794,358,337
Less 80% of PV of Grant Funded Facilities			(304,489,139)	(228,524,327)
Less Outstanding Bonds and Loans			(455,569,000)	(489,200,000)
Cash Reserve as Asset			48,482,200	42,200,000
Net Present Value			1,222,924,076	1,118,834,010
Unit Cost Calculation	Allocation (2)	Cost Allocation	Unit Cost/month	Unit Cost/month
Flow 41477000 ccf/yr	44.89%	548,970,618	158.83 \$/ccf	145.30 \$/ccf
COD 61274000	20.59% lbs/yr	251,800,067	49.31 \$/lb	45.10 \$/lb
TSS 80632000 lbs/yr	34.52%	422,153,391	62.83 \$/lb	57.40 \$/lb
Derivation of Single Family WCF				
Flow 6.7 ccf/mo			1,064.14	973.51
COD 7.9 lbs/mo			389.57	356.29
TSS 11.29 lbs/mo			709.31	648.05
Total			\$2,163.02	\$1,977.85
Notes:				
(1) Present value calculated based on escalation by ENR (Source of SD-1 fixed asset list - Finance Department, Accounting Systems)				
(2) Based on 2000 Carollo study model allocations.				

**Table 5**  
**FY15 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			
CODf Unit Cost \$/lbs	17.70	45.1	49.31			
TSS Unit Cost \$/lbs	39.40	57.4	62.83			
SFR Connection Charge	1,235	1,978	2,163			

	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			
CODf Unit Cost \$/lbs	17.70	23.18	30.34			
TSS Unit Cost \$/lbs	39.40	43.00	48.77			
SFR Connection Charge	1,235	1,385	1,607			







## **RECOMMENDED SCHEDULES OF RATES, CHARGES AND FEES**

**FY15**

### Water System

Schedule H – Standard Participation Charge (SPC)

Schedule J – System Capacity Charge (SCC)

Schedule N – Water Demand Mitigation Fees

Regulations Section 3B – Major Capital Facility for Standard Service

Recreation Use Fees for Calendar Year 2015

Public Records Act Fee Schedule

### Wastewater System

Schedule B – Rates for Resource Recovery Material Treatment

Schedule G – Capacity Fees



**Schedule H**

**Standard Participation Charge**

**FY15**







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

PAGE NUMBER

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~~08/12/13~~

EFFECTIVE

08/11/14

**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"	<del>\$7,720</del>	<u>\$7,960</u>	<del>\$9,560</del>	<u>\$9,850</u>
1"	<del>19,290</del>	<u>19,900</u>	<del>23,900</del>	<u>24,620</u>
1-1/2"	<del>38,600</del>	<u>39,800</u>	<del>47,800</del>	<u>49,200</u>
2"	<del>61,700</del>	<u>63,700</u>	<del>76,500</del>	<u>78,800</u>
3"	<del>123,400</del>	<u>127,400</u>	<del>153,000</del>	<u>157,600</u>
4"	<del>192,900</del>	<u>199,000</u>	<del>239,000</del>	<u>246,200</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 ~~\$192,900~~\$199,000 in gravity zones or ~~\$239,000~~\$246,200 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**

**FY15**





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

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EFFECTIVE

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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	<del>\$22,260</del>	<u>\$23,000</u>	<del>\$40,050</del>	<u>\$41,360</u>	<del>\$37,140</del>	<u>\$38,370</u>
3/4	<del>33,390</del>	<u>34,500</u>	<del>60,080</del>	<u>62,040</u>	<del>55,710</del>	<u>57,560</u>
1	<del>55,760</del>	<u>57,620</u>	<del>100,330</del>	<u>103,610</u>	<del>93,040</del>	<u>96,130</u>
1-1/2	<del>111,520</del>	<u>115,240</u>	<del>200,660</del>	<u>207,220</u>	<del>186,080</del>	<u>192,260</u>
2	<del>178,430</del>	<u>184,380</u>	<del>321,060</del>	<u>331,550</u>	<del>297,730</del>	<u>307,620</u>

For service connections with larger meters see Sec. 3.

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

METER SIZE (INCHES)	REGION***					
	1		2		3	
3/4	<del>\$15,580</del>	<u>\$16,100</u>	<del>\$26,950</del>	<u>\$27,830</u>	<del>\$34,460</del>	<u>\$35,610</u>
1	<del>26,020</del>	<u>26,890</u>	<del>45,010</del>	<u>46,480</u>	<del>57,550</del>	<u>59,470</u>
1-1/2	<del>52,040</del>	<u>53,780</u>	<del>90,020</del>	<u>92,960</u>	<del>115,100</del>	<u>118,940</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 premise 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)



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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 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	<del>\$1,857</del>	<u>\$1,926</u>
Future Water Supply*	<del>1,845</del>	<u>1,904</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		<del>\$1,864</del>	<u>\$1,921</u>
2	n/a		<del>3,784</del>	<u>3,900</u>
3	n/a		<del>2,240</del>	<u>2,309</u>
3C	<del>\$5,942</del>	<u>\$6,200</u>	<del>1,681</del>	<u>1,733</u>
3D	<del>5,942</del>	<u>6,200</u>	<del>1,681</del>	<u>1,733</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 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.

Multi-Family Premises  
Dollars per Dwelling Unit (DU)

	REGION*					
	1	2	3			
For each Dwelling Unit	<del>\$9,070</del>	<del>\$9,370</del>	<del>\$12,580</del>	<del>\$12,990</del>	<del>\$11,820</del>	<del>\$12,220</del>

\*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.





**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\***

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	<del>\$87,770</del>	<u>\$91,170</u>
3/4	n/a	<del>131,660</del>	<u>136,760</u>
1	n/a	<del>219,870</del>	<u>228,390</u>
1-1/2	n/a	<del>439,740</del>	<u>456,780</u>
2	n/a	<del>703,580</del>	<u>730,850</u>

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	<del>\$77,870</del>	<u>\$80,890</u>	<del>\$87,770</del>	<u>\$91,170</u>
1	<del>130,040</del>	<u>135,090</u>	<del>146,580</del>	<u>152,250</u>
1-1/2	<del>260,080</del>	<u>270,180</u>	<del>293,160</del>	<u>304,500</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 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.

Multi-Family Premises  
Dollars per Dwelling Unit

ADDITIONAL REGIONS*			
	3-C	3-D	
For each Dwelling Unit	<del>\$30,040</del>	<u>\$31,210</u>	<del>\$30,800</del> <u>\$32,000</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 premise where an SCC was paid to initiate the water service, a credit will be given toward the new SCC based on the meter size that was used to calculate the initial SCC payment, but 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 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 minimum meter size for the customer classification. If there is no existing service, prior service to the premise must be verified by the applicant. 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.

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.

**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.



**SCHEDULE J**

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

**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	<del>\$7,380</del>	<u>\$7,620</u>	<del>\$9,870</del>	<u>\$10,190</u>	<del>\$11,530</del>	<u>\$11,900</u>
3/4	<del>11,070</del>	<u>11,420</u>	<del>14,810</del>	<u>15,280</u>	<del>17,300</del>	<u>17,850</u>
1	<del>18,490</del>	<u>19,080</u>	<del>24,730</del>	<u>25,520</u>	<del>28,890</del>	<u>29,810</u>
1-1/2	<del>36,970</del>	<u>38,160</u>	<del>49,450</del>	<u>51,030</u>	<del>67,770</del>	<u>69,620</u>
2	<del>59,160</del>	<u>61,050</u>	<del>79,120</del>	<u>81,650</u>	<del>92,430</del>	<u>95,390</u>

All SCC for nonpotable water service connections with meters larger than 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 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 at the end of the initial period.

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. 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**

**FY15**







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" territory<sup>1</sup> 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	<del>\$12,570</del>	<u>\$12,970</u>
3/4	<del>18,100</del>	<u>18,680</u>
1	<del>28,150</del>	<u>29,060</u>
1-1/2	<del>54,300</del>	<u>56,030</u>
2	<del>100,550</del>	<u>103,770</u>

2. Single Family Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE MEADOWS TERRITORY	
5/8	<del>\$12,310</del>	<u>\$12,700</u>
3/4	<del>18,100</del>	<u>18,680</u>
1	<del>28,150</del>	<u>29,060</u>
1-1/2	<del>54,300</del>	<u>56,030</u>

<sup>1</sup> 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" territory<sup>1</sup> 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	<del>\$16,140</del>	<u>\$16,660</u>
3/4	<del>23,250</del>	<u>23,990</u>
1	<del>36,160</del>	<u>37,320</u>
1-1/2	<del>69,740</del>	<u>71,970</u>
2	<del>129,150</del>	<u>133,280</u>

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	<del>\$15,810</del>	<u>\$16,310</u>
3/4	<del>23,250</del>	<u>23,990</u>
1	<del>36,160</del>	<u>37,320</u>
1-1/2	<del>69,740</del>	<u>71,970</u>

<sup>1</sup> 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 DEVELOPMENT<sup>1</sup>**

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).<sup>2</sup>

1. Common Area Offset Fee

The total Water Use Offset Fee for common areas in the Wiedemann Ranch Development is ~~\$65,875~~ \$66,916, payable as a condition of issuance of the first meter for the common area.<sup>3</sup>

2. Single Family Service Connections

The Water Use Offset Fee for each residential lot in the Wiedemann Ranch Development is ~~\$6,575~~ \$6,679, which amount shall be indexed using the same index as for the common area offset fee.

<sup>1</sup>The 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").

<sup>2</sup>The Wiedemann Agreement specifies the amount and other terms related to the Future Water Supply Component of the SCC for the Wiedemann Ranch Development.

<sup>3</sup>The 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  
DEVELOPMENT<sup>1</sup>**

For water service within Wiedemann Ranch Development, payment of Additional Water Use Offset Fees shall be required in the event the annual water budget<sup>4</sup> 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 ~~\$14.19~~ \$14.42.<sup>5</sup>

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<sup>1</sup>The 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").

<sup>4</sup>The 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.

<sup>5</sup>The 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 PROJECT<sup>1</sup>**

For service connections within the Camino Tassajara Integrated Project<sup>2</sup>, 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	<del>\$15,560</del>	<u>\$16,060</u>
3/4	<del>22,420</del>	<u>23,140</u>
1	<del>34,860</del>	<u>35,980</u>
1-1/2	<del>67,230</del>	<u>69,380</u>
2	<del>124,490</del>	<u>128,470</u>

**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	<del>\$10,690</del>	<u>\$11,030</u>
3/4	<del>15,710</del>	<u>16,210</u>
1	<del>24,470</del>	<u>25,250</u>
1-1/2	<del>47,160</del>	<u>48,670</u>

<sup>1</sup>The Water Demand Mitigation Fee shall be indexed to the unit charge of the Future Water Supply component of the EBMUD System Capacity Charge.

<sup>2</sup>As 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 of a multi-family premises shall be separately metered.

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

Each of the first 10 DU in a single structure	<del>\$6,410</del>	<u>\$6,620</u>
Each additional DU in same structure	<del>5,130</del>	<u>5,290</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 OF RATES AND CHARGES TO CUSTOMERS  
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~~08/12/13~~

EFFECTIVE 08/10/14

**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 budget<sup>3</sup> 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 ~~\$0.99~~\$1.02 per gpd.

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<sup>3</sup>The water budget shall be established pursuant to the October 9, 2002 Miscellaneous Work Agreement referenced in Footnote 2.





**SCHEDULE OF RATES AND CHARGES TO CUSTOMERS  
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**SCHEDULE N**

**WATER DEMAND MITIGATION FEES  
(Continued)**

**F. WATER DEMAND MITIGATION FEES FOR GALE RANCH PHASE 2,  
SUBDIVISION 9134<sup>1</sup>**

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	<del>\$14,910</del>	<u>\$15,390</u>
3/4	<del>21,470</del>	<u>22,160</u>
1	<del>33,380</del>	<u>34,450</u>
1-1/2	<del>64,420</del>	<u>66,480</u>
2	<del>119,280</del>	<u>123,090</u>

**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 <sup>2</sup>	<del>\$10,230</del>	<u>\$10,560</u>
3/4	<del>15,060</del>	<u>15,540</u>
1	<del>23,400</del>	<u>24,150</u>
1-1/2	<del>45,140</del>	<u>46,590</u>

<sup>1</sup>The Water Demand Mitigation Fee shall be indexed to the unit charge of the Future Water Supply component of the EBMUD System Capacity Charge.

<sup>2</sup>5/8" 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.



# **Regulations**

## **Section 3B**

### **Major Facilities Capacity for Standard Service**

**FY15**





~~07/01/09~~

EFFECTIVE 07/01/14

## SECTION 3B

### MAJOR FACILITIES CAPACITY FOR STANDARD SERVICE

#### **SYSTEM CAPACITY**

It is the policy of the District that applicants for water service shall bear the cost of major facilities capacity which must be planned, designed and constructed to provide that service. Therefore, except as otherwise provided in this Section, applicants for water service shall pay the applicable System Capacity Charge (SCC) under Schedule J of the Schedule of Rates and Charges. The SCC is a charge for each region of the District identified in Schedule J, based on the costs of providing water service to applicants within each region. The SCC also includes a component for the allocated cost of providing a future water supply, including nonpotable water supply, to meet the long term increase in water demand in the District.

The number of service connections and meter sizes required for service shall be consistent with the applicant's proposed development and acceptable to the District.

Nonpotable water service is subject only to the future water supply component of the SCC. All other conditions of this section apply to nonpotable water service.

#### **SCHEDULE OF PAYMENT**

The applicable SCC shall be due and payable at the time the District accepts the applicant's request for installation of the water meter to complete an individual service connection and when the water service account is opened. The District will accept such a request, and thus payment of the SCC, any time after the applicant has met all the requirements for water service as stated in these regulations and the following:

- Approval of the land use by the city or county with jurisdiction, which for a subdivision means approval of the tentative map;
- Issuance of either the grading permit to prepare the premises for construction of improvements or the building permit for the improvements; and
- Execution of an agreement for installation of the water service connections when installation of a water main extension is required in order to serve the applicant's premises. The applicable charge shall be the SCC in effect at the time payment is due.



## SECTION 3B

### MAJOR FACILITIES CAPACITY FOR STANDARD SERVICE (continued)

#### **ADVANCE PAYMENT AGREEMENTS**

If the District determines that major facilities must be constructed before service can be extended to the applicant's premises, then prior to planning, design, and construction of any new water service facilities, the applicant shall enter into an agreement or agreements with the District as provided in this section. The location, design, and size of the major facilities to be constructed and the extent of the area to be served by such facilities shall be determined by the District in accordance with the District's Distribution System Master Plan (DSMP) and Engineering Standard Practice (ESP). Advance payment agreements shall be entered into on behalf of the District by the General Manager or his designee.

The agreement or agreements shall provide as follows:

1. Preliminary Work Deposit

The applicant shall pay in advance that portion of the estimated cost of preliminary work allocated to providing major facilities capacity for the applicant's premises and for future customers within the immediate pressure zone area. Preliminary work shall include the planning, preliminary engineering, and environmental documentation necessary for the major facilities. Subject to District approval, payment may be made in a form of credit acceptable to the District.

2. Detailed Design Deposit

Upon completion of the preliminary work and approval of the project by the District, the applicant shall pay that portion of the estimated cost of detailed design, including plans and specifications for the major facilities, allocated to providing major facilities capacity for the applicant's premises and for future customers within the immediate pressure zone area. Subject to District approval, payment may be made in a form of credit acceptable to the District.

3. SCC Guaranty

The District will determine how much of the total service capacity of the proposed major facilities to be constructed will be allocated to existing customers and to other future customers in other bona fide developments that can be served by the major facilities. If the allocation to existing customers is 90 percent or more, then an SCC Guaranty is not required.

For purposes of this Section 3B, "bona fide development" shall mean development by parties other than the applicant that the District has determined meets all city or county requirements.



## SECTION 3B

### MAJOR FACILITIES CAPACITY FOR STANDARD SERVICE (continued)

prerequisite to the preparation and filing of the tentative subdivision map(s), including the city or county approval of applicable environmental and other documentation which directly impacts the size or nature of facilities required.

The amount of the SCC Guaranty shall be based on the estimated cost of the major facilities to be constructed less the proportional capacity allocated to bona fide development and existing customers.

The SCC Guaranty shall be due and payable prior to award of a contract or commencement of work by District forces for construction of the major facilities.

#### 4. Refunds

If no SCC Guarantee is collected, deposits paid for the preliminary work and for detailed design shall be refunded to the applicant, without interest, following award of the contract(s), and commencement of work by District forces, for construction of the major facilities.

If a payment is collected by the District on the SCC Guaranty, then refunds will be made to the applicant, without interest, from SCC payments collected within the area served by the major facilities from development other than the bona fide development identified at the time the SCC Guaranty was provided. Refunds will be paid to the applicant once each year in March for refunds which accrued during the previous calendar year. No SCC refunds will be paid after twenty years from the date that the major facilities are placed in service.

### EXCEPTIONS

#### 1. Additional Major Facilities

If the District determines that service to an applicant's premises will require construction of major facilities in addition to or significantly different from those already included in the District's DSMP, the average cost of said major facilities will be calculated by dividing their estimated cost by the projected future service connections (measured in ~~5/8~~3/4" meter equivalents) within the area to be served by the major facilities. If that average cost plus the applicable cost components for future water supply and any system and region-wide buy-in costs is more than fifty percent higher than the SCC for the supplying region, then a separate SCC shall apply in the area served by the major facilities in lieu of Schedule J.





SECTION 3B

MAJOR FACILITIES CAPACITY FOR STANDARD SERVICE  
(continued)

The separate SCC shall be equal to said average cost of major facilities, plus the applicable cost components for future water supply and any system and region-wide buy-in costs. If a separate SCC is not established, the charges under Schedule J shall apply.

2. SCC Under Section 3A

Applicants for service in the north Oakland hills area, as defined in Section 3A, shall pay the SCC in Schedule J of the Schedule of Rates and Charges.

3. Unusual Conditions

When, in the opinion of the District, applications for service for which major facilities must be constructed present unusual conditions, problems, or situations not adequately covered hereunder, the applicable charges for major facilities capacity shall be determined by the District on a case-by-case basis.

4. Standard Participation Charge

Applicants with major facilities agreements or applicants who made bona fide written requests for water service on or before June 28, 1983 shall pay the applicable Standard Participation Charge under Schedule H of the Schedule of Rates and Charges, in lieu of the SCC, for each service within a project covered by such major facilities agreement or water service request. The Standard Participation Charge shall be paid at the time an applicant requests that the meter be installed to complete an individual service connection and the applicant's account is opened.

In pressure zones in which major facilities constructed prior to June 28, 1983, under a major facilities agreement will not provide adequate capacity to meet estimated service needs, the charge for distribution system capacity applicable to the applicant with such agreement shall be determined by the District on a case-by-case basis. Nothing herein shall be construed to modify agreements which provide for a major facilities contribution in lieu of the Standard Participation Charge.

# **Recreation Use Fees**

**Calendar Years 2015**





**RECREATION USE FEES FOR 2014 AND 2015  
January 2015\***

The following fees apply to use of the District's recreation facilities at Camanche Hills Hunting Preserve, Camanche Reservoir, Lafayette Reservoir, Pardee Reservoir, San Pablo Reservoir and on the District's Watershed Trail System.

All other (not included in this schedule) charges and fees for merchandise and services provided to the public in connection with the public uses of the recreation areas and facilities thereat shall be determined by the concessionaire or District and shall be reasonable and consistent with charges for similar merchandise and services at similar locations.

General Discount Program – Discounts from fees listed may be offered in order to attract new customers and/or improve revenues. General discounts will be applied for specified time frames and apply fairly and uniformly. General discounts must be approved by the Director of Water and Natural Resource Department in advance.

District employees, retirees and immediate family receive free vehicle entry and boat launch, and a camping discount equal the car entry fee (limit one per day).

Volunteer Discount Program – Free one-year Trail Use Permit and 50% discount on vehicle entry/parking and boat launch for those who contribute an annual minimum of 20 hours of volunteer work while participating in a District Volunteer Program.

Fishing Access Permits are required for persons 16 years of age or older. Up to four children 15 years and under and accompanied by a person who possesses a valid CA fishing license and daily fishing access permit, may fish under that fishing access permit subject to the daily possession limit of the permit holder. Every accompanied child, over the allowed number of 4, must have individual fishing access permits. Each child not accompanied by a fishing access permit holding adult must obtain his/her own fishing access permit.

No Fishing Access Permit is required on the two annual CDFW Free Fishing Days.

\*Fee years are by calendar year for all locations except the Camanche Hills Hunting Preserve where fees are for the hunting year October 1- September 30.



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

PAGE NUMBER 2

EFFECTIVE 01/01/15

<b>CAMANCHE HILLS HUNTING PRESERVE</b>	<b><u>USE FEE</u></b>
<b>PRESERVE LICENSE (QUANTITY PRICE BREAK)</b>	
<b>PRESERVE LICENSE:</b>	
Initiation Fee (Family)	2,995.00
Initiation Fee (Corporate)	2,995.00
Annual Maintenance (Family)	200.00
Annual Maintenance (Corporate)	400.00
<b>LICENSED GUIDE GOOSE HUNT (PER PERSON/HUNT)</b>	200.00
<b>BIRD PROCESSING: (PRICE PER EACH)</b>	
Pheasant	4.00
Chukar	4.00
20-bird card (pheasant and chukar) for 20	70.00
Duck	4.50
Goose	10.00
Smoking (all birds)	5.00
<b>Dog Rental</b>	
Half Day	75.00
Full Day	140.00
Special Hunt	140.00
<b>SPORTING CLAYS</b>	
Full Round Course (100 targets)	38.00
Half Round Course (50 targets)	20.00
Additional Round	10.00
Full-Day	50.00
25 targets (5-Stand/Grouse bunker)	7.00
25 targets (Skeet/trap)	6.00
<b>ARCHERY RANGE AND COURSE</b>	
7 Station 3-D target Course	
Per person	10.00
Per pair	18.00
Per family (max 4)	34.00
<b><u>RV Parking Area</u></b>	
Nightly	6.00
Clubhouse Rental (daily)	500.00
Kitchen Rental (daily)	500.00
Grounds (daily)	500.00



**Camanche Hills Hunting Preserve  
Discounts, Special Programs and Limitations**

Pricing for planted bird hunting will be reviewed and approved by the Director of Water and Natural Resources.

Free bird hunting and sporting clays shooting is offered to the communications media, based on the availability of birds and the sporting clays course.

Free use of the facilities is offered to non-profit hunting organizations for family, disabled and junior hunting functions.

A Sporting Clay discount of 15% is offered to Senior/Disabled/Former POW/Disabled Veteran visitors.

A Driven Pheasant Shoot discount of 15% is offered to Senior/Disabled/Former POW/Disabled Veteran visitors.

An RV Parking discount of 50% is offered to Senior/Disabled/Former POW/Disabled Veteran visitors.

Daily field trial events are permitted on a limited basis. Fees range from \$0 for qualified non-profit organizations to a maximum of \$200.00.

EBMUD employees and retirees, concession employees and Tri-County (Amador, Calaveras and San Joaquin) Public Safety Personnel receive a 20% discount on food purchases and a 10% discount on sporting clays.

Discounts and incentives are separate and cannot be combined for a larger discount or incentive.



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

PAGE NUMBER 4

EFFECTIVE 01/01/15

**CAMANCHE RESERVOIR - NORTH SHORE  
AND SOUTH SHORE RECREATION AREAS**

**USE FEE**

**VEHICLE ENTRY/PARKING**

**CAR/MOTORCYCLE/SMALL VAN**

Daily	12.50
Daily, after 3:00pm on non-holiday weekends	8.00
Daily (Off-season)	8.00
Nightly (non-camping)	12.00
Annual	150.00

Senior/Disabled/Former POW/Disabled Veteran Annual	75.00
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Combined Car/Boat Daily	16.50
Combined Car and Boat 5 Use Card (Off- season)	60.00
Combined Car and Boat 5 Use Card, after 3:00pm weekdays	37.50
Annual Marina Overnight/Day Use	210.00

**VEHICLE ENTRY/PARKING**

**LARGE VANS AND BUSES**

Large Vans - 10-20 Passengers	18.00
Buses – 21+ Passengers	35.00

<b>DOG - daily</b>	5.00
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**BOAT LAUNCH**

Daily	10.00
Daily (Off-season)	7.00
Night	10.00
Annual	150.00

Senior/Disabled/Former POW/Disabled Veteran Annual	75.00
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**SCHEDULE OF RATES AND CHARGES TO CUSTOMERS  
OF THE EAST BAY MUNICIPAL UTILITY DISTRICT**

PAGE NUMBER 5

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**CAMANCHE RESERVOIR - NORTH SHORE  
AND SOUTH SHORE RECREATION AREAS  
(continued)**

**USE FEE**

**BOAT MOORING (Buoy)**

Nightly	15.00
Weekly	80.00
Monthly: under 30 feet	250.00
30 feet & larger	325.00
Annual: under 30 feet	1,450.00
30 feet & larger	1,900.00

**BOAT SLIP OPEN (Excl. park entry)**

Daily	25.00
Weekly	140.00
Monthly	350.00
Annual	1,650.00
8 Months	1,350.00
Key Security Deposit	10.00

**BOAT SLIP COVERED – 24' Length  
Maximum**

Daily	30.00
Weekly	160.00
Monthly	450.00
Annual	1,850.00
Key Security Deposit	10.00

**BOAT SLIP COVERED – (over 24' Length  
Excl. Park Entry)**

Daily	35.00
Weekly	200.00
Monthly	525.00
Annual	2,200.00
Key Security Deposit	10.00





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

PAGE NUMBER 6

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**CAMANCHE RESERVOIR - NORTH SHORE  
AND SOUTH SHORE RECREATION AREAS  
(continued)**

**USE FEE**

**RV/TRAILER/BOAT STORAGE (Excl. park  
entry)**

Weekly	50.00
Monthly	120.00
12 Months, consecutive	675.00
Monthly – 30' Length Maximum (Concurrent with Mooring/Slip Rental)	55.00
Monthly – Over 30' (Concurrent with Mooring/Slip Rental)	85.00
Annual – 30' Length Maximum (Concurrent with Mooring/Slip Rental)	300.00
Annual – Over 30' (Concurrent with Mooring/Slip Rental)	425.00
Annual – concurrent with Mobile Home Space rent	425.00

**FISHING ACCESS PERMIT**

Daily	5.00
Annual	110.00
6 month July 1 through Dec 31 (annual prorated)	55.00

**CAMPSITE (w/vehicle parking)**

Nightly	28.00
Nightly (Off-season – Friday thru Sunday nights)	16.00
Midweek (Monday thru Thursday night)	8.00
Second Car Parking	12.00
Weekly	150.00
Second Car Weekly	70.00
14 nights	275.00
5 Use Card (Off-season)	75.00
Camping Reservation Fee	10.50



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

PAGE NUMBER 7

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**CAMANCHE RESERVOIR - NORTH SHORE  
AND SOUTH SHORE RECREATION AREAS  
(continued)**

**USE FEE**

**LAKESIDE PREMIUM CAMPSITES**

Nightly	35.00
Nightly (Off Season Friday thru Sunday nights)	16.50
Midweek (Monday thru Thursday night)	8.25
Second Car Parking	12.00
Weekly	180.00
Second Car Weekly	75.00
14 Nights	330.00
5 Use Card (Off Season)	75.00

**CAMPSITES WITH YURT STRUCTURES**

8 person nightly	75.00
16 person nightly	125.00
8 person weekly	395.00
16 person weekly	645.00

**CAMPSITE (WALK-IN/BICYCLE PARKING –  
8 PERSON/BIKE MAX)**

Nightly	25.00
Weekly	135.00
14 nights	255.00

**GROUP CAMP (Nightly)**

Group Assembly Area	80.00
8-Person Limit (Horse Camp, 4 persons, 4 horses max)	50.00
12-Person Limit	85.00
16-Person Limit	105.00
24-Person Limit	125.00
32-Person Limit	165.00
64-Person Limit	295.00
72-Person Limit	350.00

**GROUP CAMP (Nightly, off season)**

Group Assembly Area	40.00
8-Person Limit (Horse Camp)	25.00
12-Person Limit	45.00
16-Person Limit	50.00
24-Person Limit	55.00
32-Person Limit	60.00
64-Person Limit	135.00
72-Person Limit	160.00



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

PAGE NUMBER 8

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**CAMANCHE RESERVOIR - NORTH SHORE  
AND SOUTH SHORE RECREATION AREAS  
(continued)**

**USE FEE**

**RV SITE**

Nightly	48.00
Weekly	270.00
Monthly	500.00
Season (6-Month Max.)	1,850.00
6 night off-season use card (Off Season)	180.00
Premium Sites (Peak Season)	53.00
Premium Sites Weekly (Peak Season)	325.00
<b>TOWING</b>	
Camanche Recreation Area per hour	110.00

**MISCELLANEOUS**

Camanche Recreation Area Lake Tours	14.00
Holding Tank Pumping	75.00

**COTTAGE/MOTEL GENERAL**

Camanche Recreation Area – Security Deposit	200.00
Additional Guest Charge (to maximum occupancy)	15.00

**COTTAGE (4-Person Base)**

May - Sept:	Night	170.00
	Week	800.00
Oct-March:	Night	115.00
	Week	570.00
	Month	1,500.00

**COTTAGES (6-Person Base)**

May-Sept:	Night	215.00
	Week	935.00
Oct-April:	Night	150.00
	Week	700.00
	Month	1,250.00



**SCHEDULE OF RATES AND CHARGES TO CUSTOMERS  
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**CAMANCHE RESERVOIR - NORTH SHORE  
AND SOUTH SHORE RECREATION AREAS  
(continued)**

**USE FEE**

**COTTAGES (10-Person Base)**

May-Sept:	Night	270.00
	Week	1,325.00
Oct-April:	Night	155.00
	Week	785.00
	Month	1,325.00

**MOTEL (TWIN)**

May-Sept:	Night	80.00
	Week	400.00
Oct-April:	Night	60.00
	Week	300.00
	Month	525.00

**MOTEL (KING)**

May-Sept:	Night	99.00
	Week	480.00
Oct-April:	Night	79.00
	Week	390.00
	Month	650.00

**MOBILE HOME (MONTHLY)**

2 bedroom	CY14 Rate + HUD FMR
3 bedroom	CY14 Rate + HUD FMR
4 bedroom	CY14 Rate + HUD FMR

**MOBILE HOME SPACES (MONTHLY)**

North Shore 1A	CY14 Rate + HUD FMR
North Shore 1B	CY14 Rate + HUD FMR
North Shore 2	CY14 Rate + HUD FMR
South Shore	CY14 Rate + HUD FMR



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

PAGE NUMBER 10

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**CAMANCHE RESERVOIR - NORTH SHORE  
AND SOUTH SHORE RECREATION AREAS  
(continued)**

**USE FEE**

**OTHER MOBILE HOME FEES (Per Space –  
Monthly)**

Guest Fee	75.00
Late Rent/Returned Check Fee	40.00

**FACILITY RENTAL**

Lakeside Hall Daily (hall only)	600.00
Lakeside Hall Daily (kitchen & serviceware included)	850.00
Lakeside Hall Cleaning and Equipment Deposit	1,000.00
Camanche Clubhouse Rental Daily	150.00
Camanche Clubhouse Rental	100.00

\*HUD FMR is the Housing and Urban Development Fair Market Rents Index which is published by HUD each October. The mobile home rental space rate will be adjusted annually based on the percent change in the HUD FMR index for 2-bedroom homes averaged for Amador and Calaveras Counties.



**Camanche Reservoir – North and South Shore Recreation Area Discounts, Special Programs, Limitations.**

Concessionaire Employees may receive free entrance and use of rental boats during off-hours, 20% discount on food and merchandise, and a camping discount equal to the car entrance fee. Limited to one free vehicle entry and one free boat rental per employee per day

Concessionaire and/or District may provide free entry and use of rental boats for disadvantaged groups (e.g. disabled, senior, youth, veteran), and for media to promote the recreation area.

Current Camanche Regional Park Advisory Board members and active field public safety personnel in Amador, Calaveras and San Joaquin County receive free day use entry.

Senior/Disabled/Former POW/Disabled Veterans – 50% Discount on annual entry and boat launch fees, and on non-weekend, non-holiday boat rentals. Senior rates are for individuals with a driver's license or ID showing age 62 or older.

Mobilehome Park Tenants-50% off non-holiday weekday boat rentals and additional 25% off for qualifying Senior/Disabled/Former POW/Disabled Veteran tenants. Special additional incentives for non-holiday Tuesday boat rentals. 40% discount on off-season monthly open slip, covered slip and mooring buoy fees. 10% discount on regularly priced marina/store items not including fishing access permits, fishing license, prepared food/beverage, gasoline and propane.

Groups of four or less individuals meeting the criteria for disabled discounts shall be eligible to rent the 6-person ADA cottages at Camanche for the 4-person cottage rate.

Turkey Hill Equestrian Campground single site customers renting larger spaces due to single sites being occupied shall be charged the lesser prorated rate.

Concessionaire or District can issue return coupons for free entry or camping for dissatisfied customers.

Groups participating in volunteer District facility improvement programs receive 50% discount on entry and camping fees.

Short-term visitor passes may be issued for periods up to one-hour.

Campsite charges include one vehicle entry, and RV site charges include a second/tow vehicle. Monthly and Seasonal RV Park fees include one vehicle entry, but do not include electricity charge. Electricity is metered and charged separately. Each of the daily charges, except the fishing access permit, shall be valid and effective for the calendar day upon which the charge was made, from one hour before sunrise until one hour after sunset.



**Camanche Reservoir – North and South Shore Recreation Area Discounts, Special Programs, Limitations (continued).**

Fishing access permits are valid until midnight of said day.

Each of the weekly charges shall be valid and effective for the calendar week in which the charge is made, terminating at 1:00 p.m. on the seventh consecutive day of said period. The seasonal charges noted for each recreation area shall be valid and effective for a period not exceeding 24 consecutive hours and terminating at 1:00 p.m. during said period.

Check out time for all RV sites in 1:00 p.m.

Peak Season is May 1 – September 30. Off-season is October 1 – April 30.

Premium Campsite or Premium RV site is a site that due to enhanced amenities, waterfront access or other special features is rented at a higher rate than a standard site.

Standard campsites may have a maximum of 8 people and 2 vehicles.

Short-term visitor passes may be issued for periods up to one-hour.



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

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**LAFAYETTE RECREATION AREA**

**USE FEE**

**ENTRY AND PARKING -**

**CAR/MOTORCYCLE/SMALL VAN**

Daily	7.00
Annual (new; includes \$25 access card)	145.00
Annual (renewal, using existing access card)	120.00
Replacement access card (gate card)	25.00
Parking Meters ½ hour (may be increased up to a maximum rate of 0.75 per ½ hour prior to CY13)	.75
Senior/Disabled/Former POW/Disabled Veteran Season (new)	105.00
Senior/Disabled/Former POW/Disabled Veteran Season (renewal upon existing access card)	80.00

**ENTRY AND PARKING**

**LARGE VANS AND BUSES**

Large Vans - 10-20 Passengers	18.00
Buses – 21+ Passengers	33.00

**DOG** (no charge)

**COMMERCIAL USES** (in addition to the base fee noted below, the Director of Water and Natural Resources may set an additional fee to recover District's direct costs plus overhead.)

Commercial Use	
Small (up to 10 people)	100.00
Medium (from 11 to 50 people)	500.00
Large (from 51 to 150 people)	1,000.00

**BOAT LAUNCH**

Daily	4.00
Annual	50.00
Boat Inspection Fee	6.00

**FISHING ACCESS**

Daily	5.00
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**GROUP PICNIC**

Small Site (Weekend/Holiday)	200.00
Small Site (Weekday/Non-Holiday)	100.00
Large Site (Weekend/Holiday)	350.00
Large Site (Weekday/Non-Holiday)	175.00
Special Events Fee	500.00
	+ \$1/ participant





**Lafayette Reservoir – Discounts, Special Programs, Limitations.**

District may provide free entry and use of rental boats for disadvantaged groups (e.g. disabled, senior, youth, veteran), and for media to promote the recreation area.

Senior/Disabled/Former POW/Disabled Veterans – 50% discount on boat launch fees and on non-weekend non-holiday boat rentals. Senior rates are for individuals with a drivers' license showing age 62 or older.



**SCHEDULE OF RATES AND CHARGES TO CUSTOMERS  
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**PARDEE RECREATION AREA**

**USE FEE**

**VEHICLE ENTRY AND PARKING -  
CAR/MOTORCYCLE/SMALL VAN**

Daily/Nightly (Non-Camping)	9.00
Season	104.00
Combined Car/Boat Daily	15.00

**VEHICLE ENTRY AND PARKING  
LARGE VANS AND BUSES**

Large Vans - 10-20 Passengers	20.00
Buses – 21+ Passengers	35.00

<b>DOG</b>	4.00
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**STANDARD BOAT LAUNCH**

Daily (Weekend included)	8.00
Season	90.00

**CARTOP BOAT LAUNCH (Float Tube,  
Kayak, Canoe, Scull)**

Daily	4.00
Season	40.00

**BOAT MOORING**

Monthly	120.00
Season	420.00

**BOAT SLIP (excl. park entry)**

Daily	9.00
Weekly	43.50
Monthly	132.00
Season	660.00
Season (concurrent with season RV)	610.00

**FISHING ACCESS**

Daily	5.00
Annual	140.00

**MISCELLANEOUS**

RV/Campsite Reservation Fee	9.00
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**SCHEDULE OF RATES AND CHARGES TO CUSTOMERS  
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<b>PARDEE RECREATION AREA (continued)</b>	<b><u>USE FEE</u></b>
<b>STANDARD CAMPSITE (w/vehicle parking)</b>	
Nightly	24.00
Second Car Parking	12.00
Weekly	144.00
Second Car Parking	72.00
<b>PREMIUM CAMPSITE (w/vehicle parking)</b>	
Nightly	27.00
Weekly	162.00
<b>CAMPSITE (walk-in/bicycle parking)</b> (8 person/8 bike maximum)	
Nightly	18.00
Weekly	108.00
<b>DOUBLE CAMPSITE (16 people/ 2 vehicles)</b>	
Nightly	48.00
Third or Fourth Vehicle	12.00
<b>RV SITE</b>	
Nightly	33.00
Weekly	198.00
Monthly	430.00
Season	2,350.00
Season – Premium Site	2,650.00
<b>RV/TRAILER/BOAT STORAGE (Excl. park entry)</b>	
Weekly	26.00
Monthly	60.00
Season	480.00
Season – concurrent with season RV Site	430.00
<b>TOWING</b>	80.00
<b>RESERVABLE SITE/FACILITY (charges in addition to above fees)</b>	
Small (25 or less persons)	55.00
Medium (26-100 persons)	80.00
Large (101-150 persons)	110.00
Over 150 persons	220.00
Café/Pool Day Use Area (refundable deposit)	50.00



**PARDEE RESERVOIR - DISCOUNTS, SPECIAL PROGRAMS, LIMITATIONS.**

Concessionaire Employees may receive free entrance and use of rental boats during off-season hours, 20% discount on food and merchandise, and a camping discount equal to the car entrance fee. Limited to one free vehicle entry and one free boat rental per employee per day.

Concessionaire and/or District may provide free entry and use of rental boats for disadvantaged groups (e.g. disabled, senior, youth, veteran), and for media to promote the recreation area.

Current Camanche Regional Park Advisory Board members and active field public safety personnel in Amador, Calaveras and San Joaquin County receive free day use entry.

Senior/Disabled/Former POW/Disabled Veterans – 50% Discount on annual entry and boat launch fees, and on non-weekend, non-holiday boat rentals. Senior rates are for individuals with a driver's license or ID showing age 62 or older.

Concessionaire or District can issue return coupons for free entry or camping for dissatisfied customers.

Groups participating in volunteer District facility improvement programs receive 50% discount on entry and camping fees.

Campsite charges include one vehicle entry, and RV site charges include a second/tow vehicle.

Monthly and Seasonal RV Park fees include one vehicle entry, but do not include electricity charge. Electricity is metered and charged separately.

Each of the daily charges, except the fishing access permit, shall be valid and effective for the calendar day upon which the charge was made, from one hour before sunrise until one hour after sunset. Fishing access permits are valid until midnight of said day.

Each of the weekly charges shall be valid and effective for the calendar week in which the charge is made, terminating at 1:00 p.m. on the seventh consecutive day of said period.

Each of the nightly charges shall be valid and effective for a period not exceeding 24 consecutive hours and terminating at 1:00 p.m. during said period.

Premium Campsite or Premium RV site is a site that, due to enhanced amenities, waterfront access or other special features, is rented at a higher rate than a standard site.

Standard campsites may have a maximum of 8 people and 2 vehicles.

Short-term visitor passes may be issued for periods of up to one hour.



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

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**SAN PABLO RECREATION AREA**

Proposed  
CY15

**ENTRY AND PARKING –  
CAR/MOTORCYCLE/SMALL VAN**

Daily	7.00
Daily (Special Events)	5.00
Season	110.00
3-Month Season	36.00

**ENTRY AND PARKING  
LARGE VANS AND BUSES**

Large Vans - 10-20 Passengers	22.00
Buses – 21+ Passengers	40.00

<b>DOG</b>	4.00
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**COMMERCIAL USE (in addition to the base fee noted below, the Director of Water and Natural Resources may set an additional fee to recover District's direct costs plus overhead.)**

Small (up to 10 people)	120.00
Medium (11 to 50 people)	600.00
Large (51 to 150 people)	1,200.00

**STANDARD BOAT LAUNCH**

Daily	8.00
Season (Entry & Boat Launch)	163.00
3-Month Season (Entry & Boat)	62.00
Boat Inspection Fee	6.00

**CARTOP BOAT LAUNCH (Float Tube,  
Kayak, Canoe, Scull)**

Daily	4.00
Season (Entry and Cartop Launch)	124.00
3-Month Season (Entry & Cartop Launch)	41.00

**FISHING ACCESS**

Daily	5.00
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**GROUP PICNIC**

Large Sites (Oaks & Pine) daily	260.00
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<b>GAZEBO</b>	60.00
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<b>TOWING</b>	65.00
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**SCHEDULE OF RATES AND CHARGES TO CUSTOMERS  
OF THE EAST BAY MUNICIPAL UTILITY DISTRICT**

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<b>SAN PABLO RECREATION AREA (continued) VISITOR CENTER &amp; DECK RENTAL</b>	<b><u>USE FEE</u></b>
WEEKDAY EVENING VISITOR CENTER & DECK (Minimum charge for up to 3 hours)	250.00
Extra hours	70.00
WEEKEND EVENING VISITOR CENTER & DECK (Minimum charge for up to 5 hours)	400.00
Extra hours	70.00
Evening Event Cleaning and Damage Deposit	
Events ending before 7:00 pm	150.00
Events ending after 7:00 pm	350.00
<b>WEEKDAY VISITOR CENTER &amp; DECK (8:00am-4:00pm)</b>	200.00
2 consecutive days	350.00
3 consecutive days	500.00
Daytime Event Cleaning and Damage Deposit	125.00



**SAN PABLO RESERVOIR – Discounts, Special Programs, Limitations.**

Concessionaire employees may receive free entrance and use of rental boats during off-hours, and 20% discount on food and merchandise. Discount is limited to one free vehicle entry and one free boat rental per employee per day. To qualify, a concession employee must work a minimum of 20 hours per week, Sunday through Saturday.

Concessionaire and/or District may provide free entry and use of rental boats for disadvantaged groups (e.g. disabled, senior, youth, veteran), and for media to promote the recreation area.

Concessionaire or District can issue return coupons for free entry or camping for dissatisfied customers.

Each of the daily charges, including the fishing access permit, shall be valid and effective for the calendar day upon which the charge was made, from the time the park opens until it closes each day.

Groups participating in volunteer District facility improvement programs receive 50% discount on entry fees.

Senior/Disabled/Former POW/Disabled Veterans – 50% Discount on annual, 6-month and 3-month entry and boat launch fees, and on non-weekend, non-holiday boat rentals. Senior rates are for individuals with a driver's license or ID showing age 62 or older.

Unless determined otherwise, the recreation season is mid-February through October (dates selected by concessionaire with District approval).



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

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**WATERSHED TRAIL SYSTEM**

**USE FEE**

**WATERSHED TRAILS**

Daily Permit	<del>2.50</del> <u>3.00</u>
Annual Permit	10.00
Three-Year Permit	20.00
Five-Year Permit	30.00





# **Public Records Act Fee Schedule**

**FY15**



## **PUBLIC RECORDS ACT FEE SCHEDULE**

### **INTRODUCTION**

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

East Bay Municipal Utility District offers access to its records upon receipt of a request, which 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 can 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.~~51~~<sup>48</sup> per minute duplicating time)  
**+ Materials & Equipment Cost** (e.g., cost per sheet or media)  
**+ Postage** (if applicable)

- Labor Cost: Labor cost for duplication time is charged at the rate of \$0.48 per minute. Labor cost is 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 EBMUD'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 EBMUD'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 EBMUD'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](http://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 requires 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., record merely needs to be retrieved and printed, and does not require data compilation, extraction, programming to produce), the following fee applies:

**Fee = Labor Cost (\$0.5148 per minute duplicating time)  
Materials & Equipment Cost  
+ Postage (if applicable)**

Materials & Equipment cost varies 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 requires 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, please note that the District is under no obligation to provide records that do not already exist. Accordingly, the applicable fee is:

**Fee = Labor Cost** (\$0.9694 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.~~51~~<sup>48</sup> 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.~~51~~<sup>48</sup> 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.~~51~~<sup>48</sup> 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**  
+ **Postage** (if applicable)

- MUD 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 39.95 each
  - Wholesalers up to 55% discount
  - Vendors up to 40% discount

**Wastewater Department**

**Schedule B**

**Rates for Resource Recovery Waste Treatment**

**FY15**





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

PAGE NUMBER

2-A

EFFECTIVE ~~07/01/11~~  
07/01/14

**SCHEDULE B <sup>(1)</sup>**

**WASTEWATER DEPARTMENT  
RATES FOR RESOURCE RECOVERY MATERIAL TREATMENT**

<b>MATERIAL TYPE</b>	<b>RATE <sup>(2)</sup></b>
Septage	\$0.07/gal
Fats, Oil and Grease	<del>\$0.14</del> <u>\$0.08</u> /gal <del>nonconcentrated</del> <del>\$0.15/gal concentrated</del> <sup>(3)</sup>
<del>Groundwater</del>	<del>\$0.02/gal</del>
Process Water	<del>\$0.04</del> <u>\$0.05</u> /gal
Gray Water	<u>Variable with Total Dissolved Solid (TDS)</u> <del>\$0.03/gal 0-75k mg/l TDS</del> <u>\$0.04/gal 0-100,000 mg/l TDS</u> <del>\$0.06/gal 75k-200k mg/l TDS</del> <u>\$0.08/gal &gt; 100,000 mg/l TDS</u>
Sludge	<u>Variable with % Total Solids (TS)</u> \$0.05/gal up to 3% TS plus <del>\$0.01</del> <u>\$0.005</u> /gal per %TS for TS between 3% to 20%
Liquid Organic Material	<del>\$0.03</del> <u>\$0.04</u> /gal
Protein Material	<del>\$0.06/gal up to 10% Total Solids</del> <del>\$0.08/gal over 10% Total Solids</del>
Solid Organic Material	\$30-65/ton <sup>(4)</sup>
Permit Fee	<del>\$200</del> <u>\$300</u> (per year)

- (1) Payment collection for all Resource Recovery accounts shall follow the payment collection provisions contained in Section 13, Payment of Bills in the Regulations Governing Water Service to the Customers of EBMUD and Items C and K, Returned Payment Charge and Late Payment Penalty and Interest, of Schedule C of the Water System Rates and Charges.
- (2) For special accommodations, additional charges for actual personnel costs, equipment costs, and lab costs associated with the special accommodation will apply. Special accommodations include services provided by the District above and beyond what is typical, such as evaluation and testing of a unique material stream, special equipment to receive and process material, accommodations for large volumes, special off-hour deliveries that require additional staff support, or special treatment requirements.
- (3) Concentrated Fats, Oils and Grease are defined as any Fats, Oil and Grease material that has undergone any process to remove water fraction from the material.
- (4) Based on treatment costs (residual solids dewatering and disposal), gas production, volumes and other costs or benefits to the District.



**Wastewater Department**

**Schedule G**

**Capacity Fees**

**FY15**







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

PAGE NUMBER

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~~08/12/13~~

EFFECTIVE

08/11/14

**SCHEDULE G  
WASTEWATER DEPARTMENT  
CAPACITY FEES**

**TABLE 1**

Residential (\$/dwelling unit)<sup>1,5</sup> ~~\$1,385<sup>2</sup>~~ \$1,607<sup>2</sup>

Non-Residential (\$/ccf/mo)<sup>3,5</sup>

2010	Meat Products	<del>\$567</del>	<u>\$704</u>
2011	Slaughterhouses	<del>627</del>	<u>737</u>
2020	Dairy Product Processing	<del>458</del>	<u>563</u>
2030	Fruit and Vegetable Canning	<del>380</del>	<u>462</u>
2040	Grain Mills	<del>412</del>	<u>485</u>
2050	Bakeries (including Pastries)	<del>675</del>	<u>809</u>
2060	Sugar Processing	<del>346</del>	<u>434</u>
2077	Rendering Tallow	<del>1,263</del>	<u>1,471</u>
2080	Beverage Manufacturing & Bottling	<del>284</del>	<u>343</u>
2090	Specialty Foods Manufacturing	<del>1,150</del>	<u>1,426</u>
2600	Pulp and Paper Products	<del>357</del>	<u>419</u>
2810	Inorganic Chemicals Manufacturing	<del>497</del>	<u>567</u>
2820	Synthetic Material Manufacturing	<del>119</del>	<u>137</u>
2830	Drug Manufacturing	<del>215</del>	<u>261</u>
2840	Cleaning and Sanitation Products	<del>422</del>	<u>515</u>
2850	Paint Manufacturing	<del>830</del>	<u>1,002</u>
2893	Ink and Pigment Manufacturing	<del>288</del>	<u>355</u>
3110	Leather Tanning and Finishing	<del>1,113</del>	<u>1,359</u>
3200	Earthenware Manufacturing	<del>272</del>	<u>312</u>
3300	Primary Metals Manufacturing	<del>247</del>	<u>249</u>
3400	Metal Products Fabricating	<del>127</del>	<u>146</u>
3410	Drum and Barrel Manufacturing	<del>1,105</del>	<u>1,362</u>
3470	Metal Coating	<del>137</del>	<u>158</u>
4500	Air Transportation	<del>170</del>	<u>200</u>
5812	Food Service Establishments	<del>440</del>	<u>514</u>
7000	Hotels, Motels with Food Service	<del>327</del>	<u>378</u>
7210	Commercial Laundries	<del>273</del>	<u>324</u>
7215	Coin Operated Laundromats	<del>240</del>	<u>248</u>
7218	Industrial Laundries	<del>696</del>	<u>858</u>



**SCHEDULE OF RATES AND CHARGES TO CUSTOMERS  
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**SCHEDULE G**

**WASTEWATER DEPARTMENT**

**CAPACITY FEES**

(Continued)

7300	Laboratories	<del>\$156</del>	<u>\$182</u>
7542	Automobile Washing and Polishing	<del>203</del>	<u>238</u>
8060	Hospitals	<del>203</del>	<u>234</u>
8200	Schools	<del>149</del>	<u>173</u>
	All Other BCC (includes dischargers of only segregated domestic wastes from sanitary conveniences)	<del>207</del>	<u>240</u>

Permit Accounts<sup>6</sup>

Flow (\$/ccf/mo)	<del>\$106.98</del>	<u>\$121.97</u>
CODF (\$/lb/mo)	<del>23.18</del>	<u>30.34</u>
TSS (\$/lb/mo)	<del>43.00</del>	<u>48.77</u>

<sup>1</sup> Includes BCC 6514 and 8800.

<sup>2</sup> Residential fee is calculated as follows:

Flow:	6.7	x	<del>\$106.98</del>	<u>\$121.97</u>	=	<del>\$717</del>	<u>\$817</u>
CODF:	7.9	x	<del>23.18</del>	<u>30.34</u>	=	<del>183</del>	<u>240</u>
TSS:	11.29	x	<del>43.00</del>	<u>48.77</u>	=	<del>485</del>	<u>550</u>
						<del>\$1,385</del>	<u>\$1,607</u>

<sup>3</sup> 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.

<sup>4</sup> 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.



**SCHEDULE OF RATES AND CHARGES TO CUSTOMERS  
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**SCHEDULE G**

**WASTEWATER DEPARTMENT  
CAPACITY FEES  
(Continued)**

<sup>5</sup> 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.

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

