

CONTINUING DISCLOSURE INFORMATION STATEMENT (Operating and Financial Data Provided in Addition to Audited Financial Statements Separately Filed)

FISCAL YEAR 2021

The date of this information statement is as of June 30, 2021, except as specifically noted herein.

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## CONTINUING DISCLOSURE INFORMATION STATEMENT

(OPERATING AND FINANCIAL DATA PROVIDED IN ADDITION TO AUDITED FINANCIAL STATEMENTS SEPARATELY FILED)

#### GENERAL INFORMATION AND PURPOSE

The purpose of this document is to provide information about the East Bay Municipal Utility District (the "District"). The information in this Continuing Disclosure Information Statement is provided in order to comply with the District's contractual commitment established by certain continuing disclosure undertakings of the District, entered into in accordance with Securities and Exchange Commission Rule 15c2-12 (the "Rule"), to provide certain information specified therein. Certain information in this Continuing Disclosure Information Statement is not required to be provided by the District's continuing disclosure undertakings. By providing such information, the District does not undertake or agree to provide such information in any future year. The District makes no representation that this Continuing Disclosure Information Statement contains all information material to a decision to purchase or sell any of the District's bonds.

The information set forth herein has been furnished by the District and includes information obtained from other sources, which are believed to be reliable. Any statements herein involving matters of opinion or estimates, whether or not so expressly stated, are set forth as such and not as representations of fact, and no representation is made that such opinion or estimates will be realized. The information and expressions of opinion contained in this Continuing Disclosure Information Statement are provided as of the respective dates specified herein and are subject to change without notice, and the filing of this Continuing Disclosure Information Statement shall not, under any circumstances, create any implication that there has been no change in the affairs of the District or in the other matters described herein since the date as of which such information is provided. The District reserves the right to amend this information at any time.

Investors may obtain further information about the District by obtaining a copy of the District's most recent official statement (which will contain information only as of the date of such official statement) from the Municipal Securities Rulemaking Board at http://emma.msrb.org/. Information requests may also be directed to:

> Director of Finance East Bay Municipal Utility District 375 Eleventh Street Oakland, California 94607-4240 Phone: (510) 287-0310

This information statement provides information about the East Bay Municipal Utility District. Generally, this document relates to debt issued by the District under two security structures:

- Water System Revenue Bonds
- Wastewater System Revenue Bonds

As of September 15, 2010, the District covenanted and agreed that it will not in the future issue any additional senior lien water system revenue bonds or senior lien wastewater system revenue bonds previously issued under the District's Senior Water Bond Resolution and Senior Wastewater Bond Resolution, respectively. Certain of the District's bonds that were once designated as Water System Subordinated Revenue Bonds and Wastewater System Subordinated Revenue Bonds, respectively, are now referred to as Water System Revenue Bonds and Wastewater System Revenue Bonds, respectively, in order to reflect that the lien securing the prior senior lien water system revenue bonds and prior senior lien wastewater system revenue bonds has been closed. There are no senior lien water system revenue bonds or senior lien wastewater system revenue bonds remaining outstanding.

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### **Debt Outstanding**

The following Table 1 summarizes the District's Water System outstanding long-term debt. All information is presented as of June 30, 2021.

TABLE 1: SUMMARY OF WATER SYSTEM DEBT OUTSTANDING

Issue	Date of Issue	Last Maturity	Amount Issued	Outstanding June 30, 2021
Water System Revenue Bonds:				
Revenue Refunding Bonds, Series 2008A <sup>(1)</sup>	03/20/08	06/01/38	\$ 322,525,000	\$ 105,250,000
Revenue Bonds, Series 2010B (Build America Bonds)	02/23/10	06/01/40	400,000,000	400,000,000
Revenue Refunding Bonds, Series 2012A	10/10/12	06/01/37	191,750,000	81,750,000
Revenue Refunding Bonds, Series 2012B	11/13/12	06/01/26	358,620,000	86,390,000
Revenue Refunding Bonds, Series 2014A	06/11/14	06/01/35	128,315,000	128,315,000
Revenue Refunding Bonds, Series 2014B	06/11/14	06/01/30	242,730,000	199,185,000
Revenue Bonds, Series 2014C	06/26/14	06/01/44	75,000,000	75,000,000
Revenue Refunding Bonds, Series 2015A	03/03/15	06/01/37	429,360,000	429,360,000
Revenue Bonds, Series 2015B (Green Bonds)	06/17/15	06/01/45	74,335,000	74,335,000
Revenue Bonds, Series 2015C	06/17/15	06/01/45	110,715,000	110,715,000
Revenue Bonds, Series 2017A (Green Bonds)	06/22/17	06/01/45	185,355,000	185,355,000
Revenue/Refunding Bonds, Series 2017B	06/22/17	06/01/37	309,665,000	296,160,000
Revenue Bonds, Series 2019A (Green Bonds)	06/27/19	06/01/49	161,820,000	156,990,000
Total Water System Revenue Bonds			\$2,990,190,000	\$2,328,805,000
Parity Debt:				
State Water Resources Control Board Loan				
(East Bayshore Recycled Water Project)	05/22/08(2)	04/01/28	$20,100,000^{(3)}$	8,032,000
State Water Resources Control Board Loan				
(South Reservoir Replacement)	12/14/17 <sup>(2)</sup>	07/01/48	$13,998,165^{(3)}$	13,330,000
State Water Resources Control Board Loan				
(MacArthur Davenport Pipeline Replacement Project)	04/18/18(2)	07/01/49	<u>12,044,901</u> <sup>(3)</sup>	11,495,000
Total Parity State Loans			\$ 46,143,066	\$ 32,857,000
Subordinate Debt:				
Commercial Paper Notes (Water Series)	Various	Various	312,800,000(4)	312,800,000
Total Debt			\$3,358,133,066	\$2,674,462,000

<sup>(1)</sup> Liquidity support currently provided by Standby Bond Purchase Agreements with Wells Fargo Bank, National Association (Series 2008A-1 Bonds and Series 2008A-4 Bonds, expiring December 9, 2022) and U.S. Bank National Association (Series 2008A-2 and Series 2008A-3 Bonds, expiring December 27, 2024). The District has entered into interest rate swap agreements that provide a hedge for the Series 2008A Bonds.

<sup>(2)</sup> Date of State Loan contract execution.

<sup>(3)</sup> Full amount disbursed to the District.

Commercial paper notes may be issued by the District in an amount up to the statutory limit described herein. In Fiscal Year 2021, the District paid down \$23.0 million of outstanding Commercial Paper Notes (Water Series) from available cash.

The following Table 2 summarizes the District's Wastewater System outstanding long-term debt. All information is presented as of June 30, 2021.

TABLE 2: SUMMARY OF WASTEWATER SYSTEM DEBT OUTSTANDING

	Date of Issue	Last Maturity	Amount Issued	Outstanding June 30, 2021
Wastewater System Revenue Bonds:		-		
Revenue Bonds, Series 2010B (Build America Bonds)	10/20/10	06/01/40	\$150,000,000	\$150,000,000
Revenue Refunding Bonds, Series 2012A	10/10/12	06/01/37	20,000,000	20,000,000
Revenue Refunding Bonds, Series 2014A	08/28/14	06/01/31	82,150,000	50,415,000
Revenue Refunding Bonds, Series 2015A	03/03/15	06/01/38	68,370,000	68,370,000
Revenue Refunding Bonds, Series 2015B	03/03/15	06/01/30	2,795,000	1,800,000
Revenue/Refunding Bonds, Series 2017A	06/14/17	06/01/45	69,420,000	57,305,000
Total Wastewater System Revenue Bonds			\$392,735,000	\$347,890,000
Subordinate Debt:				
Extendable Commercial Paper Notes	Various	Various	9,300,000 <sup>(1)</sup>	9,300,000
(Wastewater Series)				
Total Debt			\$402,035,000	<u>\$357,190,000</u>

<sup>(1)</sup> Commercial paper notes may be issued in an amount up to the statutory limit described herein. In Fiscal Year 2021, the District paid down \$0.7 million of outstanding Extendable Municipal Commercial Paper Notes (Wastewater Series) from available cash.

Source: The District.

## **Commercial Paper Programs**

The District has authorized two short-term commercial paper borrowing programs: an extendable municipal commercial paper program and a traditional commercial paper program.

Under the extendable municipal commercial paper program, commercial paper may be issued for the Water System ("Extendable Municipal Commercial Paper Notes (Water Series)") or the Wastewater System ("Extendable Municipal Commercial Paper Notes (Wastewater Series)") at prevailing interest rates for periods of not more than 120 days from the date of issuance with the option by the District to extend the maturity for another 150 days. The extendable municipal commercial paper program is not supported by any liquidity or revolving credit agreement. As of June 30, 2021, \$9,300,000 principal amount of extendable commercial paper notes was outstanding under the District's extendable municipal commercial paper program, consisting of \$0 of Extendable Municipal Commercial Paper Notes (Water Series) and \$9,300,000 of Extendable Municipal Commercial Paper Notes (Wastewater Series), with an average weighted remaining life to maturity of 64 days.

The District has also authorized a traditional commercial paper program as an additional or alternative short-term borrowing mechanism. Commercial paper notes under the traditional commercial paper program may be issued for the Water System ("Commercial Paper Notes (Water Series)") or the Wastewater System ("Commercial Paper Notes (Wastewater Series)") at prevailing interest rates for periods of not more than 270 days from the date of issuance. The District has secured liquidity arrangements from various banking institutions in order to provide an additional source of principal repayment for commercial paper notes issued pursuant to its traditional commercial paper program. As of June 30, 2021, \$312,800,000 principal amount of commercial paper notes was outstanding under the District's traditional commercial paper program, consisting of \$312,800,000 of Commercial Paper Notes (Water Series) and \$0 of Commercial Paper Notes (Wastewater Series), with an average weighted remaining life to maturity of 26 days. As of June 30, 2021, there were no borrowings under the liquidity support facilities for the District's traditional commercial paper program.

Short-term indebtedness (including commercial paper notes under either of the above-mentioned programs, and/or other forms of bonds, notes or other evidences of short-term indebtedness, including bank credit) may be issued by the District under the authority of Chapter 7.5 of the Municipal Utility District Act (the "MUD Act") in a maximum aggregate principal amount outstanding at any one time of up to the lesser of either (1) the annual average of the total revenue for the three preceding years or, (2) 25% of the District's outstanding bonds.

The Water System and the Wastewater System commercial paper notes are payable from and secured by a pledge of the respective System's revenues on a basis subordinate to the Water System and Wastewater System revenue bonds.

The proceeds of the District's commercial paper notes may be used to finance or refinance the costs of (i) the planning, design, engineering, acquisition or construction of facilities for the storage, transmission or distribution of water; the storage, transmission or treatment of sewage or byproducts of sewage treatment; or the generation or transmission of electricity, (ii) the replacement of works of the District that have been damaged or demolished by reason of fire, flood, earthquake, sabotage or acts of God or the public enemy, (iii) any expenses or charges incurred in connection with the foregoing purposes and to reimburse the District for expenditures for any such purposes, or for the purpose of paying commercial paper notes issued for the foregoing purposes. There were no unused proceeds on June 30, 2021.

### **Investment Policy**

The District's Investment Policy can be summarized as follows:

Funds of the District are invested in accordance with the Government Code of the State of California, the MUD Act and the District's Investment Policy. Investments shall be in securities with a range of maturities expected to provide adequate security and liquidity to pay demands when due while providing a risk-adjusted market rate of return on investments. Criteria for selecting investments are to:

- adhere to the prudent investor standard described in Section 53600.3 of the California Government Code; and
  - conform with the Government Code and the MUD Act; and
  - have the following objectives, in order of priority:
    - Safety The District's ability to recover principal and interest. Investments shall be
      made that will seek to ensure the preservation of principal and interest and to
      minimize risk to the greatest extent possible. It is the primary duty of the District
      Treasurer to protect, preserve and maintain cash and investments on behalf of the
      District.
    - 2. *Liquidity* The District's ability to have cash available when needed to support expenditure cycles and budgetary objectives.
    - 3. *Yield* The District's ability to provide a risk-adjusted market rate of return on the District's investments while conforming to the safety and liquidity criteria above.
    - 4. *Diversification* The District's ability to maintain an investment portfolio that includes a range of security types. In order to accomplish this, each investment option shall have defined limits on the maximum share of the portfolio, single issuer and single issue holdings, and maturity, rating and other restrictions where applicable.

#### **Investment Options**

The following are investment options for the District under the District's Investment Policy.

- 1. U.S. Treasury Obligations
- 2. U.S. Government Agencies Obligations
- 3. State of California, Local Agency Investment Fund (LAIF)
- 4. Local Government Investment Pools (LGIP), including the California Asset Management Program (CAMP) and the Investment Trust of California (CalTRUST)
- 5. Money Market Mutual Funds
- 6. Certificates of Time Deposit
- 7. Negotiable Certificates of Deposit
- 8. Commercial Paper
- 9. Medium Term Corporate Notes
- 10. Repurchase Agreements
- 11. Municipal Obligations, limited to California issuers, including the State of California

# Pursuant to the District's Investment Policy:

- All securities purchased from dealers and brokers are held in safekeeping by the
  District's custodial bank, a national bank, a State chartered bank or trust company
  (not the selling party of the security). All transactions require delivery of the security
  prior to payment for the security (delivery vs. payment).
- Trade confirmations are received directly and reviewed for conformity to the original transaction by an individual other than the person who originated the transaction.
- Reporting includes: on a monthly basis, a report listing investment transactions is submitted to the General Manager and the District's Board of Directors (the "Board"); and on a quarterly basis, an investment report may be submitted to the General Manager and the Board. This quarterly report when rendered includes the type of investment, issuer, date of maturity, par and dollar amount invested for all securities, investments and moneys held by the District, and provides an investment summary by security type, percent of the portfolio, investment yield and the remaining period of investment to maturity.

The District does not enter into reverse repurchase agreements or otherwise borrow for purposes of investing. The District does not invest in highly volatile derivatives and other such securities. The District has, however, entered into interest rate swap transactions to hedge interest rate exposure on outstanding variable rate revenue bonds.

#### **District Population**

The District occupies approximately 332 square miles in 20 incorporated and 15 unincorporated communities in both Alameda and Contra Costa Counties. It covers the eastern shore of San Francisco Bay from Carquinez Strait in the north to and including San Lorenzo in the south and it extends approximately 20 miles east, beyond the Oakland-Berkeley hills, into Contra Costa County.

The District's Water System serves this entire area, reaching approximately 1.4 million people, based on the District's most recent estimates, or approximately 50% of the combined population of Alameda County and Contra Costa County. The District's Wastewater System treats and disposes of the wastewater from an area within the District designated as Special District No. 1, serving over 740,000 people, based on the District's most recent estimates, in an approximately 88 square mile area of the same two counties, extending from Richmond in the north, southward to San Leandro.

Table 3 shows the population trends for the six largest cities in the District, Alameda and Contra Costa Counties and the State for the five years 2017 to 2021.

TABLE 3: DISTRICT WATER SYSTEM SIX LARGEST CITIES ALAMEDA, CONTRA COSTA COUNTIES AND CALIFORNIA POPULATION TRENDS<sup>(1)</sup>

	2017	2018	2019	2020	2021
Oakland	427,493	428,750	429,932	432,327	435,514
Berkeley	121,210	121,763	122,297	122,364	116,761
Richmond	109,747	109,936	109,991	110,288	110,130
San Leandro	88,877	88,389	88,328	87,840	87,289
Alameda	80,947	81,195	81,457	81,135	80,884
Walnut Creek	70,088	70,254	70,755	70,592	71,317
Total Six Cities	898,362	900,287	902,760	904,546	901,895
Alameda County	1,644,303	1,651,760	1,659,608	1,663,114	1,656,591
Contra Costa County	1,137,577	1,143,188	1,147,623	1,149,853	1,153,854
California	39,352,398	39,519,535	39,605,361	39,648,938	39,466,855

<sup>(1)</sup> As of January 1 of each year.

Source: State of California, Department of Finance, E-4 Population Estimates for Cities, Counties and the State, 2011-2021, with 2010 Census Benchmark. Sacramento, California, May 2021.

Table 4 shows the population trends for the seven largest cities within the District's Wastewater System service area, Alameda and Contra Costa Counties and the State for the five years 2017 to 2021. The District's Wastewater System treats domestic, commercial and industrial wastewater for the six cities of Alameda, Albany, Berkeley, Emeryville, Oakland and Piedmont (the "six participating cities"), and for the Stege Sanitary District, which includes El Cerrito, Kensington and part of Richmond.

TABLE 4: SEVEN LARGEST CITIES IN DISTRICT WASTEWATER SYSTEM SERVICE AREA ALAMEDA, CONTRA COSTA COUNTIES AND CALIFORNIA POPULATION TRENDS<sup>(1)</sup>

	2017	2018	2019	2020	2021
Oakland	427,493	428,750	429,932	432,327	435,514
Berkeley	121,210	121,763	122,297	122,364	116,761
Alameda	80,947	81,195	81,457	81,135	80,884
El Cerrito	24,534	24,645	24,788	24,835	24,846
Albany	18,570	18,818	18,932	18,871	17,055
Piedmont	11,354	11,311	11,325	11,297	11,296
Emeryville	12,087	12,142	12,177	12,448	12,586
Total Seven Cities	696,195	698,624	700,908	703,277	698,942
Alameda County	1,644,303	1,651,760	1,659,608	1,663,114	1,656,591
Contra Costa County	1,137,577	1,143,188	1,147,623	1,149,853	1,153,854
California	39,352,398	39,519,535	39,605,361	39,648,938	39,466,855

<sup>(1)</sup> As of January 1 of each year. Includes the six participating cities and El Cerrito, the largest incorporated portion of the Stege Sanitary District service area.

Source: State of California, Department of Finance, E-4 Population Estimates for Cities, Counties and the State – 2011-2021, with 2010 Census Benchmark. Sacramento, California, May 2021.

#### **Taxable Property/Assessed Valuations**

Table 5 shows a five-year record of assessed valuations, secured roll levies and delinquencies for the taxable property included within the District.

TABLE 5: TAXABLE PROPERTY WITHIN THE WATER SYSTEM ASSESSED VALUATION AND TAX COLLECTION RECORD

Fiscal Year	2017	2018	2019	2020	2021		
	ASSESSED VALUATION FOR TAXATION PURPOSES(1)(2)						
Alameda County	\$119,325,397,941	\$127,263,417,316	\$135,672,349,929	\$145,333,769,595	\$156,691,168,950		
Contra Costa County	102,560,510,616	108,186,306,742	114,735,931,344	120,648,243,577	126,401,657,570		
TOTAL	\$221,885,908,557	\$235,449,724,058	\$250,408,281,273	\$265,982,013,172	\$283,092,826,520		
COUNTY 1% ALLOCATED PROPERTY TAX REVENUES TO DISTRICT <sup>(3)</sup>							
Alameda County	\$17,152,223	\$19,017,612	\$20,043,690	\$21,733,964	\$23,676,751		
Contra Costa County	14,818,866	15,687,955	15,664,950	18,603,287	16,901,006		
TOTAL	\$31,971,089	\$34,705,567	\$35,708,640	\$40,337,251	\$40,577,757		
DELINQUENCIES <sup>(4)</sup>							
Delinquent June 30							
Amount	\$236,737	\$213,655	\$211,662	\$277,522	\$289,340		
Percent	0.74%	0.62%	0.59%	0.69%	0.71%		

<sup>(</sup>I) Historical Assessed Valuation for Tax Purposes numbers differ from those previously reported for certain years to realign the fiscal year of the County figures with the applicable Fiscal Year in the table. In some previous reports, the amounts were offset by one year. In addition, minor differences in assessed valuation numbers from amounts previously reported occur from time to time due to a change in source data used.

Sources: Reports of the Auditor-Controller's Offices of Alameda and Contra Costa Counties, table data as compiled by the District.

<sup>(2)</sup> Net of all exemptions except homeowner's exemptions, the taxes on which are paid by the State. All valuations are stated on a 100% of full cash value basis as defined by law. Assessed valuations shown include redevelopment project area incremental valuations.

<sup>(3)</sup> Net basis excluding all exemptions. Levies reflect the tax reductions effected by the adoption of Article XIIIA of the State Constitution in 1978, the "Jarvis-Gann Initiative." For Alameda County, receipts include District's share of prior years' delinquencies when collected.

<sup>(4)</sup> Amounts apply to Alameda County only, since Contra Costa County guarantees 100% payment of the District's secured roll levy. The delinquency percentages are calculated based on the aggregate of the two counties' levies.

Table 6 shows a five-year record of assessed valuations, secured roll levies and delinquencies for the taxable property included within Special District No. 1.

TABLE 6: TAXABLE PROPERTY WITHIN THE WASTEWATER SYSTEM ASSESSED VALUATION AND TAX COLLECTION RECORD

Fiscal Year	2017	2018	2019	2020	2021	
ASSESSED VALUATION FOR TAXATION PURPOSES <sup>(1)(2)</sup>						
Alameda County	\$91,776,237,397	\$ 98,101,088,469	\$104,791,049,008	\$112,571,652,641	\$122,248,493,183	
Contra Costa County	5,674,453,030	6,027,338,924	6,396,906,019	6,769,204,055	7,187,871,396	
TOTAL	\$97,450,690,427	\$104,128,427,393	\$111,187,955,027	\$119,340,856,696	\$129,436,364,579	
	COUNTY 1% ALL	OCATED PROPERT	ΓΥ TAX REVENUES	S TO DISTRICT <sup>(3)</sup>		
Alameda County	\$4,529,398	\$5,024,216	\$5,298,234	\$5,780,147	\$6,378,862	
Contra Costa County	385,582	404,633	470,738	505,790	479,660	
TOTAL	\$4,914,980	\$5,428,849	\$5,768,972	\$6,285,937	\$6,858,522	
	TOTAL PR	OPERTY TAX/AD V	ALOREM TAX RE	VENUES <sup>(4)</sup>		
Alameda County	\$7,232,843	\$6,300,863	\$5,385,714	\$5,782,135	\$6,377,478	
Contra Costa County	547,352	473,110	470,322	506,767	479,713	
TOTAL	\$7,780,195	\$6,773,973	\$5,856,036	\$6,288,902	\$6,857,192	
DELINQUENCIES <sup>(5)</sup>						
Delinquent June 30						
Amount	\$111,290	\$79,688	\$59,959	\$74,239	\$77,975	
Percent	1.43%	1.18%	1.02%	1.18%	1.14%	

<sup>(1)</sup> Historical Assessed Valuation for Tax Purposes numbers differ from those previously reported to realign the fiscal year of the County figures with the applicable Fiscal Year in the table. In previous reports, the amounts were offset by one year. In addition, minor differences in assessed valuation numbers from amounts previously reported occur from time to time due to a change in source data used.

Sources: Reports of the Auditor-Controller's Offices of Alameda and Contra Costa Counties, table data as compiled by the District.

<sup>(2)</sup> Net of all exemptions except homeowner's exemptions, the taxes on which are paid by the State. All valuations are stated on a 100% of full cash value basis as defined by law. Assessed valuations shown include redevelopment project area incremental valuations.

<sup>(3)</sup> Net basis excluding all exemptions. Levies reflect the tax reductions effected by the adoption of Article XIIIA of the State Constitution in 1978, the "Jarvis-Gann Initiative." For Alameda County, receipts include District's share of prior years' delinquencies when collected.

<sup>(4)</sup> Includes ad valorem tax levy for debt service on District general obligation bonds which were fully retired in April 2018.

<sup>(5)</sup> Amounts apply to Alameda County only, since Contra Costa County guarantees 100% payment of the District's secured roll levy. The delinquency percentages are calculated based on the two counties' secured roll levies.

#### WATER SYSTEM

# **Material Changes in Water Supply**

There have been no material changes in the District's primary sources of water supply. However, the availability of these sources is impacted by California hydrology, which can be highly variable from year to year. The District monitors precipitation and reservoir levels daily.

The main source of the District's water supply is the 627-square mile Mokelumne River watershed. Water Year 2021, which ended September 30, 2021, was the second driest year on record in the Mokelumne Basin, and the driest year on record in East Bay area served by the District's water system.

The District began Water Year 2021, which commenced on October 1, 2020, with a provisional estimate of 575,820 acre-feet in total system storage (Pardee, Camanche and East Bay terminal reservoirs), representing 75% of capacity or 101% of average. As of June 30, 2021, the District had 485,720 acre-feet of water stored in all of its reservoirs combined. As of such date, the District's reservoirs were approximately 63% of capacity, or approximately 73% of average (based on 10-year average from 2001-2011). Season-to-date precipitation in the Mokelumne basin as of June 30, 2021 was 24.69 inches, or approximately 52% of average (based on average from 1930-2014).

At its regularly scheduled April 27, 2021 Board meeting, the District Board declared a Stage 1 Moderate Drought, established a District-wide voluntary water use reduction goal of ten percent, declared the need to purchase supplemental supplies from the Central Valley Project (CVP) pursuant to the terms of the District's dry year supply contract with the United States Bureau of Reclamation to be diverted at the Freeport Regional Water Project, and directed additional demand management measures to promote water conservation. The Board's actions were taken in response to dry conditions throughout California and in the District's watersheds. These actions are the first step in the District's Drought Management Program (DMP), which is part of the District's Water Shortage Contingency Plan (WSCP). The District's DMP provides guidelines which recommend various response actions during each stage of a drought. The District's current WSCP and the associated DMP guidelines were adopted by the Board on June 22, 2021.

Additional information regarding the District's water supply may be obtained from the District's website at <a href="http://www.ebmud.com">http://www.ebmud.com</a>.

#### **Gross Water Production**

Annual water production in the District since Fiscal Year 2012 is shown in Table 7 below. Note that this information was re-labeled as "production" rather than "consumption" beginning in Fiscal Year 2012 to more accurately characterize the data. Water production includes the total water produced at the District's water treatment plants and water moved through the distribution system that was delivered to customers, as well as water lost through leaks in the transmission system, water used in the treatment process, evaporation, water used for fighting fires and other miscellaneous causes.

TABLE 7: WATER PRODUCTION BY FISCAL YEAR(1)

Fiscal Year	Annual Production (Acre-Feet)	Annual Production (Thousands of Ccf)	Annual Production (Million Gallons)	Average Production Per Day (Million Gallons per Day)
2012	200,220	87,216	65,242	178
2013	205,889	89,685	67,089	184
2014	209,467	91,244	68,255	184
2015	174,411	75,974	56,832	156
2016	162,562	70,812	52,971	145
2017	173,641	75,638	56,581	155
2018	185,790	80,930	60,540	166
2019	183,142	79,776	59,677	164
2020	187,966	81,878	61,249	167
2021	188,890	82,280	61,550	169

<sup>(1)</sup> Water production includes water used in the treatment process and for fighting fires, as well as water lost through leaks in the transmission system, evaporation and other miscellaneous causes. These losses represent approximately 10% of gross production.

Source: The District.

## Sources of Funds/Summary of Revenues and Contributions

The following Table 8 sets forth the District's Water System sources of funds for the five most recent Fiscal Years ended June 30, 2021. The sources of funds in the table below include certain funds which do not constitute Subordinated Water Revenues for purposes of the Indenture. Subordinated Water Revenues include all charges received for, and all other income and receipts derived by the District from, the operation of the Water System or arising from the Water System, which includes, without limitation, the District's water rates, system capacity charge, as well as investment income, less Operation and Maintenance Costs. Property taxes are applied to reduce Operation and Maintenance Costs and are not pledged to the repayment of the Water System Revenue Bonds. Contributions received for facility relocations, main extensions and service installations, and grants and other reimbursements, which are restricted to use for the specified purposes are not included in Subordinated Water Revenues for purposes of the Indenture. Only Subordinated Water Revenues are pledged to the payment of the Water System Revenue Bonds.

TABLE 8: WATER SYSTEM SOURCES OF FUNDS/SUMMARY OF REVENUES AND CONTRIBUTIONS FIVE FISCAL YEARS ENDED JUNE 30, 2021 (MILLIONS)

		Fisca	l Year Ending	June 30	
	2017	2018	2019	2020	2021
Operating Revenue and Other Income:					
Water sales	\$420.3	\$480.7	\$520.3	\$567.4	\$620.5
Power sales	7.8	6.4	10.7	6.3	4.6
Interest <sup>(1)</sup>	3.3	7.9	10.5	12.3	2.1
Taxes	32.0	34.7	35.7	40.3	40.6
Other <sup>(2)</sup>	14.9	14.8	14.3	14.4	<u>16.2</u>
Total Operating Revenue and					
Other Income <sup>(5)</sup>	<u>\$478.3</u>	<u>\$544.6</u>	<u>\$591.5</u>	<u>\$640.7</u>	<u>\$684.0</u>
Capital Contributions:					
System Capacity Charge <sup>(3)</sup>	\$ 51.5	\$ 69.3	\$ 73.5	\$ 53.3	\$ 50.4
Earned contributions on					
construction <sup>(4)</sup>	14.4	15.5	23.7	17.8	21.3
Grants and reimbursements	10.1	2.8	0.9	0.8	1.8
Total Contributions <sup>(5)</sup>	<u>\$ 75.9</u>	<u>\$ 87.6</u>	\$ 98.1	<u>\$ 71.9</u>	<u>\$ 73.4</u>
Total <sup>(5)</sup>	<u>\$554.2</u>	<u>\$632.2</u>	<u>\$689.7</u>	<u>\$712.6</u>	<u>\$757.4</u>

Includes interest earnings on Water System Fund, including earnings on proceeds of the District's Water System Revenue Bonds.

Source: The District.

# Water Sales Revenues, Number of Accounts and Metered Consumption

The following Table 9 sets forth water sales revenues, consumption and number of accounts by customer type.

Other revenues include receipts from property sales, rental of District property, fees for use of District recreational facilities and other miscellaneous receipts. Beginning in Fiscal Year 2010, Other Revenues also includes interest subsidy payments received and due in each year to the District in connection with its Series 2010B Bonds which are Build America Bonds. Excludes reimbursements and other receipts applied directly to operating expenses.

<sup>(3)</sup> System capacity charge collections presented in the table above include the "buy-in" portion and the "future water supply" portion of SCC charges when collected.

<sup>(4)</sup> Includes contributions for facility relocations, main extensions and service installations.

<sup>(5)</sup> Totals may not add due to rounding.

TABLE 9: WATER SALES REVENUES, CONSUMPTION AND NUMBER OF ACCOUNTS<sup>(1)</sup>
BY CUSTOMER TYPE
EVENUE AND EVENUE AND ADDRESS AND ADDR

FISCAL YEAR ENDED JUNE 30, 2021

Type of Customer	Sales Revenues <sup>(2)</sup>	Percent of Revenues	Consumption (MGD)	Percent of Consumption	Number of $Accounts^{(1)}$	Percent of Accounts
Residential	\$354,268,802	57.1%	81.4	53.3%	351,042	89.1%
Commercial	188,685,923	30.4	47.2	30.9	38,079	9.7
Industrial	51,406,394	8.3	17.3	11.3	1,906	0.5
Public Authority	26,109,514	4.2	6.8	4.4	2,992	0.8
Total <sup>(3)</sup>	\$620,470,634	100.0%	152.7	100.0%	394,019	100.0%

<sup>(1)</sup> This table referred to number of connections in prior disclosures. The data presented are more accurately referred to as number of accounts and the table has been re-labeled accordingly. The data presented are consistent with prior disclosures.

Source: The District.

### **Water Rates and Charges**

From Fiscal Year 2017 through Fiscal Year 2021, residential rates for water service have increased by an average of approximately 7.58% per Fiscal Year. The overall average rate increase, which includes the rate increases for all customer classes and rate components, for the same period was approximately 7.60%. The District's most recent increases in water service rates and charges included the adoption on June 8, 2021 of overall average rate increases (including meter, volume, elevation charges, non-potable (recycled) water and private fire service) of 4.00% for Fiscal Year 2022 and 4.00% for Fiscal Year 2023. Table 10 sets forth the average residential and overall average rate increases enacted by the District for the five Fiscal Years 2017 through 2021, as well as the adopted average residential and overall average rate increases adopted on June 8, 2021 for Fiscal Years 2022 and 2023:

**TABLE 10: WATER RATE INCREASES** 

Fiscal Year	Average Residential Rate Increase	Overall Average Rate Increase <sup>(1)</sup>
$2017^{(2)}$	$7.02\%^{(2)}$	$7.00\%^{(2)}$
2018	9.21	9.25
2019	8.99	9.00
2020	6.45	6.50
2021	6.24	6.25
$2022^{(3)}$	$3.99^{(3)}$	$4.00^{(3)}$
$2023^{(3)}$	$4.03^{(3)}$	$4.00^{(3)}$

Overall average rate increase includes water rates for all customer classes (including residential) and water rate components.

<sup>(2)</sup> Does not include account establishment fees, recycled water fees and certain other miscellaneous charges.

<sup>(3)</sup> Totals may not add due to rounding.

<sup>(2)</sup> Excludes drought surcharge.

<sup>(3)</sup> The adopted rate increase for Fiscal Year 2022 is effective on bills issued on and after July 1, 2021 and the adopted rate increase for Fiscal Year 2023 will be effective on bills issued on and after July 1, 2022.

Table 11 shows the rate schedule effective July 1, 2021 for Fiscal Year 2022. The monthly water bill for a typical residential account consuming 800 cubic feet (8 Ccf or 5,980 gallons) per month, excluding any drought surcharge, is \$66.00, which represents an average increase of 3.99% for residential customers from Fiscal Year 2021 rates.

TABLE 11: WATER SYSTEM RATES AND CHARGES<sup>(1)</sup> EFFECTIVE JULY 1, 2021

#### **Service Charge**

Meter Size	Per Month
5/8-inch and <sup>3</sup> / <sub>4</sub> -inch	\$ 28.98
1-inch	43.78
1 ½-inch	80.79
2-inch	125.16
Over 2-inch	Various

### **Charge for Water Delivered**

Rate Class	Per Hundred Cubic Feet (Ccf)
Basic Rate – Single Family <sup>(1)</sup>	\$4.42
Basic Rate – Multi Family	6.25
Basic Rate – Other	6.22
Elevation Band Surcharges <sup>(2)</sup> –	
Band 2: Pressure Zones 2 through 5	0.89
Band 3: Pressure Zones 6 and higher	1.86

<sup>(1)</sup> Applies to first 172 gallons per day (7 Ccf) for single family residential customers. Additional consumption by residential customers is billed at \$6.08 per Ccf for consumption between 173 and 393 gallons per day (16 Ccf), and \$8.03 for all water used in excess of 393 gallons per day. For a household using 8 Ccf in Fiscal Year 2022, the water usage charge for the first 7 Ccf at the first tier rate of \$4.42 per Ccf would be \$30.94 and the water usage charge for the additional 1 Ccf at the second tier rate of \$6.08 per Ccf would be \$6.08, for a total charge for water delivered of \$37.02; the monthly service charge would be \$28.98, resulting in a total monthly bill of \$66.00.

Source: The District.

Since June 2015, the District's Board of Directors has adopted drought surcharges that may be implemented in the event of ongoing drought conditions when the Board declares specific drought stages pursuant to its water shortage contingency plan. The drought surcharges, corresponding to increasingly severe stages of water shortages, are applied to each unit of water used during the billing period, and are calculated to recover costs of providing supplemental water, increased costs of water shortage-related customer service and loss of revenue. The District's adopted rates and charges for Fiscal Years 2022 and 2023 include drought surcharges and the staged system of drought surcharges and expected water use restrictions and supplemental supply needs for each of the four drought stages are summarized below. The District's Board approved surcharges do not impose a drought surcharge for Stage 1 when only voluntary customer demand reductions are being implemented. As of the date of this disclosure, drought surcharges have not been put into effect since bills issued on or after July 1, 2016.

<sup>(2)</sup> The water elevation surcharge provides for the increased power and facility costs needed to pump water to locations (zones) 200 or more feet above sea level.

The District's adopted schedule of drought surcharges is set forth below. The surcharges do not apply to non-potable water.

# Drought Surcharges on Total Water Flow Charge for Water Delivered

	Maximum Applicable Drought Surcharge Percentage in 4 Stages				
	1	2	3	4	
All potable water flow charges	0%	8%	20%	25%	

Drought Stages are based on the District's 2020 Water Supply Contingency Plan (WSCP) which was most recently adopted by the District's Board as a component of the Urban Water Management Plan on June 22, 2021. The Drought Management Program Guidelines for declaring drought stages is based on projected end-of-September total system storage.

## **Drought Management Program Guidelines**

Total System Storage (Thousands Acre-Feet) Projected for September 30	Drought Stage	Central Valley Project (Supplemental Water Purchases)	Customer Demand Reduction		
>475	Stage 0 Normal		Wise Water Use		
475-425	Stage 1 Moderate	Yes	Voluntary 0-10%		
425-390	Stage 2 Significant	Yes	Mandatory 10-15%		
390-325	Stage 3 Severe	Yes	Mandatory 15%		
<325	Stage 4 Critical	Yes	Mandatory ≥ 15%		

### **Historical Operating Results for the Water System**

Table 12 sets forth the historical operating results and the calculation of the debt service coverage ratio for the Water System for each of the last five Fiscal Years. The source of such information is the District.

TABLE 12: WATER SYSTEM HISTORICAL OPERATING RESULTS AND DEBT SERVICE COVERAGE<sup>(1)</sup>
FISCAL YEARS 2017 THROUGH 2021

	2017	2018	2019	2020	2021	
WATER REVENUES <sup>(2)</sup> :						
Water Sales <sup>(3)</sup>	\$420,293,252	\$480,745,249	\$520,344,215	\$567,393,958	\$620,470,633	
Power Revenue	7,806,642	6,435,118	10,730,731	6,307,502	4,573,453	
Interest	3,345,710	7,941,217	10,460,203	12,254,262	2,087,045	
SCC Revenue <sup>(4)</sup>	51,463,496	69,272,188	73,496,282	53,307,284	53,838,236	
Seismic Rate Surcharge <sup>(5)</sup>	9,270	392	(400)	42	(13)	
Other Revenues <sup>(6)</sup>	14,852,674	14,765,959	14,264,876	14,361,981	16,205,518	
TOTAL WATER REVENUES	<u>\$497,771,044</u>	\$579,160,123	<u>\$629,295,907</u>	\$653,625,029	<u>\$697,174,872</u>	
RATE STABILIZATION FUND						
TRANSFERS:					*/ ***	
Deposits to the Rate Stabilization Fund	\$ 0	\$ 0	\$ 0	\$ 0	\$(55,000,000)	
Withdrawals from Rate Stabilization Fund		•	•			
for Inclusion in revenues	0	0	0	0	0	
WATER REVENUES AFTER RATE	<b>0.405.551.044</b>	Φ570 1 (O 100	A < 20 205 005	A ( 52 ( 25 020	Φ.C.1.2.1.7.1.0.7.2	
STABILIZATION TRANSFER	<u>\$497,771,044</u>	\$579,160,123	<u>\$629,295,907</u>	<u>\$653,625,029</u>	<u>\$642,174,872</u>	
WATER OPERATION & MAINTENANCE COSTS <sup>(7)</sup> :						
Operating Expenses	\$219,844,980	\$232,959,911	\$246,619,873	\$264,262,808	\$270,759,257	
(Less Tax Receipts) <sup>(8)</sup>	(31,971,089)	(34,705,567)	(35,708,641)	(40,337,251)	(40,577,757)	
TOTAL WATER OPERATION &						
MAINTENANCE COSTS	\$187,873,891	\$198,254,344	\$210,911,232	\$223,925,557	\$230,181,500	
NET WATER REVENUES	\$309,897,153	\$380,905,779	\$418,384,675	\$429,699,472	\$411,993,372	
PARITY DEBT SERVICE:						
Water System Revenue Bonds <sup>(9)</sup>	\$164,213,889	\$175,759,278	\$176,560,990	\$186,586,103	\$186,122,162	
Parity State Loans)	1,400,108	1,401,897	1,496,594	2,017,889	<u>2,870,695<sup>(10)</sup></u>	
TOTAL PARITY DEBT SERVICE	\$165,613,997	\$177,161,175	\$178,057,584	\$188,603,992	\$188,992,857	
PARITY DEBT SERVICE COVERAGE	1.87	2.15	2.35	2.28	2.18	
SUBORDINATE WATER SYSTEM						
DEBT SERVICE <sup>(11)</sup>	\$ 3,627,676	\$ 5,011,892	\$ 6,824,219	\$ 5,421,978	\$ 1,623,661	
TOTAL PARITY AND SUBORDINATE						
DEBT SERVICE	\$169,241,673	\$182,173,067	\$184,881,803	\$194,025,970	\$190,616,518	
TOTAL PARITY AND SUBORDINATE	+ - 07, <b>=</b> · 1,070	+10 <b>=</b> ,1,0,007	210.,001,000	Ţ-> ., <b>~=</b> c,> . <b>~</b>	<i>+-&gt;0,010,010</i>	
DEBT SERVICE COVERAGE	1.83	2.09	2.26	2.21	2.16	
DEDI BERVICE COVERAGE	1.03	2.09	2.20	2.21	2.10	

<sup>(1)</sup> Calculated in accordance with the Indenture as footnoted.

<sup>(2)</sup> Revenues exclude grant receipts, taxes, and certain developer contributions which are treated as contributions (not Water Revenues).

<sup>(3)</sup> Reflects average daily billed consumption of 132.7 MGD in Fiscal Year 2017, 144.5 MGD in Fiscal Year 2018, 142.7 MGD in Fiscal Year 2019, 147.8 MGD in Fiscal Year 2020 and 152.7 MGD in Fiscal Year 2021.

<sup>(4)</sup> System Capacity Charge ("SCC") Revenues presented in the table above include the "buy-in" portion of SCC charges and the "future water supply" portion of SCC charges when collected. SCC Revenues are treated as capital contributions and are not recognized as operating revenues for purposes of the District's audited financial statements.

<sup>(5)</sup> The sunset of the District's seismic surcharge became effective July 1, 2015 and beginning with Fiscal Year 2016 the seismic surcharge has no longer been collected. However, a small amount of seismic surcharge collections were made in Fiscal Years 2017, 2018 and 2020 and a small refund was made in 2019 and 2021. Collections primarily represent late payments or bill collections.

<sup>(6)</sup> Includes Build America Bonds (BABs) Interest Subsidy Payments received and due to the District in connection with the Series 2010B Bonds.

<sup>(7)</sup> Excludes depreciation and amortization expenses. Also reflects certain adjustments for non-cash pension and OPEB expenses.

<sup>(8)</sup> Operation and Maintenance Costs exclude those expenses paid from District's share of countywide 1% property tax revenues.

<sup>(9)</sup> Includes net swap payments. Debt service on the Series 2010B Bonds is gross of the BABs Interest Subsidy Payments received by the District.

<sup>(10)</sup> In Fiscal Year 2021 includes the early repayment of the balance (approximately \$405,000 including accrued interest) of the District's Safe Drinking Water State Revolving Fund Loan (Upper San Leandro Reservoir).

<sup>(11)</sup> Includes interest only on outstanding Water System commercial paper notes with no principal amortization.

#### WASTEWATER SYSTEM

#### **Wastewater Flows**

Table 13 presents a ten-year record of wastewater flows through the District's Main Wastewater Treatment Plant, expressed as the average daily flow for each Fiscal Year.

TABLE 13: AVERAGE DAILY WASTEWATER FLOW (MILLION GALLONS PER DAY)

Fiscal Year Ended	
June 30	Flow
2012	62
2013	61
2014	56
2015	55
2016	56
2017	69
2018	54
2019	61
2020	61
2021	51

Source: The District.

# Sources of Funds/Summary of Revenues and Contributions

The following Table 14 sets forth the District's Wastewater System sources of funds for the five most recent Fiscal Years ended June 30, 2021. The sources of funds in the table below include certain funds that do not constitute Subordinated Wastewater Revenues for purposes of the Indenture. Subordinated Wastewater Revenues include all charges received for, and all other income and receipts derived by the District from, the operation of the Wastewater System or arising from the Wastewater System, which includes, without limitation, the District's dry weather user charges, wet weather facilities charges, wastewater capacity fees and resource recovery program revenues, as well as investment income, less Operation and Maintenance Costs. Property taxes are applied to reduce Operation and Maintenance Costs (or, prior to their retirement on April 1, 2018, to pay debt service on the District's outstanding general obligation bonds) and are not pledged to the repayment of the Wastewater System Revenue Bonds. Certain grants and contributions earned on construction which are restricted to use for specified purposes are not included in Subordinated Wastewater Revenues for purposes of the Indenture. Only Subordinated Wastewater Revenues are pledged to the payment of the Wastewater System Revenue Bonds.

TABLE 14: WASTEWATER SYSTEM SOURCES OF FUNDS FIVE FISCAL YEARS ENDED JUNE 30, 2021 (MILLIONS)

	<i>2017</i>	2018	2019	2020	2021
<b>Operating Revenue and Other Income:</b>					
Dry Weather User Charges	\$ 70.0	\$ 74.7	\$ 78.1	\$ 79.9	\$81.1
Wet Weather Facilities Charges	23.1	24.3	25.1	27.1	28.3
Resource Recovery	11.9	11.8	12.2	12.1	12.3
Interest <sup>(1)</sup>	0.7	1.2	2.4	1.9	0.3
Taxes <sup>(2)</sup>	7.8	6.8	5.9	6.3	6.9
Other Revenues <sup>(3)</sup>	5.3	7.0	4.6	5.3	5.8
Total Revenues <sup>(4)</sup>	\$118.7	\$125.8	\$128.3	\$132.5	\$134.6
Capital Contributions:					
Wastewater Capacity Fees	\$ 8.0	\$ 11.4	\$ 13.3	\$ 5.7	\$ 7.2
Earned contributions on construction	0.7	0.0	(0.1)	0.0	(0.0)
Grants	0.2	0.0	0.0	0.0	0.3
<b>Total Contributions</b>	<u>\$ 8.9</u>	<u>\$ 11.4</u>	\$ 13.2	\$ 5.7	\$ 7.5
TOTAL	<u>\$127.6</u>	<u>\$137.2</u>	<u>\$141.5</u>	<u>\$138.2</u>	<u>\$142.1</u>

<sup>(1)</sup> Includes interest earnings on Wastewater System Fund, including earnings on proceeds of the District's Wastewater System Revenue Bonds.

Source: The District.

## Wastewater User Charge Revenues and Number of Accounts by User Type

Table 15 sets forth a breakdown of the District's dry weather user charge revenues and number of accounts by customer class for the Fiscal Year ended June 30, 2021.

TABLE 15: WASTEWATER DRY WEATHER USER CHARGE REVENUES AND NUMBER OF ACCOUNTS<sup>(1)</sup> BY USER TYPE FISCAL YEAR ENDED JUNE 30, 2021

Type of Customer	User Charge Revenues <sup>(2)</sup>	Percent of Revenues	$N$ umber of $A$ ccounts $^{(1)}$	Percent of Accounts
Residential	\$45,381,849	56.0%	160,348	88.8%
Commercial	29,220,178	36.0	16,811	9.3
Industrial	2,349,540	2.9	722	0.4
Public	4,126,624	5.1	2,653	1.5
Total <sup>(3)</sup>	\$81,078,191	<u>100.0%</u>	180,534	100.0%

<sup>(1)</sup> This table referred to number of connections in prior disclosures. The data presented is more accurately referred to as number of accounts and the table has been re-labeled accordingly. The data presented is on a basis consistent with prior disclosures.

<sup>(2)</sup> Includes the District's share of 1% countywide property tax and, prior to their retirement on April 1, 2018, the *ad valorem* tax levied for repayment of Special District No. 1's general obligation bonds.

<sup>(3)</sup> Other Revenues includes amounts received from the sale of energy to the utility grid, Build America Bonds (BABs) interest subsidy payments received and due to the District in connection with its Series 2010B Bonds, and various other revenues. Other Revenues excludes certain reimbursements and other receipts applied directly to operating expenses.

<sup>(4)</sup> Totals may not add due to rounding.

<sup>(2)</sup> Dry weather user charges collected on the water bill includes permit fees, pollution prevention fees and late fees. Does not include wet weather facilities charges, resource recovery treatment fees or private sewer lateral compliance certificate fees.

<sup>(3)</sup> Totals may not add due to rounding.

#### **Wastewater Rates and Charges**

From Fiscal Year 2017 through Fiscal Year 2021, total annual residential wastewater charges imposed by the District have increased by an average of approximately 4.29% per Fiscal Year. The overall average rate increase, which includes the rate increases for all customer classes and rate components (including the District treatment and disposal charges and wet weather facilities charges), for the same period was approximately 4.60%. The District's most recent increases in wastewater service rates and charges included the adoption on June 8, 2021 of system-wide rate increases of 4.00% for Fiscal Year 2022 and 4.00% for Fiscal Year 2023. Table 16 sets forth the average residential rate increases and overall average rate increases enacted by the District for the five Fiscal Years 2017 through 2021, as well as the adopted average residential and overall average rate increases adopted on June 8, 2021 for Fiscal Years 2022 and 2023.

**TABLE 16: WASTEWATER RATE INCREASES** 

Fiscal Year	Average Residential Rate Increase <sup>(1)</sup>	Overall Average Rate Increase <sup>(2)</sup>			
2017	4.88%	5.00%			
2018	4.87	5.00			
2019	5.05	5.00			
$2020^{(3)}$	2.70	$4.00^{(3)}$			
2021	3.95	4.00			
$2022^{(4)}$	$3.91^{(4)}$	$4.00^{(4)}$			
$2023^{(4)}$	$4.07^{(4)}$	$4.00^{(4)}$			

Residential average rate increase includes wastewater treatment and disposal charges, wet weather facilities charges, and San Francisco Bay Pollution Prevention Fee.

Overall average rate increase includes wastewater treatment and disposal charges and wet weather facilities charges for all customer classes (including residential).

<sup>(3)</sup> Fiscal Year 2020 rates and charges include cost of service study adjustments that resulted in some rates and charges decreasing and others increasing. Overall revenue from rates were estimated to be approximately 4.00% higher than under Fiscal Year 2019 rates and charges.

<sup>(4)</sup> The adopted rate increase for Fiscal Year 2022 is effective on bills issued on and after July 1, 2021 and the adopted rate increase for Fiscal Year 2023 will be effective on bills issued on and after July 1, 2022.

The District's current (Fiscal Year 2022) wastewater rates are set forth in Table 17 below.

TABLE 17: WASTEWATER SYSTEM RATES AND CHARGES EFFECTIVE JULY 1, 2021

Residential Charge:		
Service Charge (per account)	\$ 7.59	per month
Strength Charge (per dwelling unit)	7.90	per month
Flow Charge	1.37	per 100-cubic foot unit,
		to a maximum of 9 units
San Francisco Bay Pollution		
Prevention Fee	0.20	per month per dwelling unit
Non-Residential Charge:		
Service Charge (per meter)	7.59	per month
Treatment Charge	1.42-19.47	per unit, depending on the nature of the business
San Francisco Bay Pollution		
Prevention Fee	5.48	per month
Minimum Monthly Treatment Charge: Apartment Buildings (5 or more dwelling units)	47.09	per month
All Others	7.59	per month
Permit Accounts:		
Flow Charge	1.370	per hundred cubic feet
COD	0.139	per pound of discharge
Suspended Solids	0.573	per pound of discharge
Wet Weather Facilities Charge:		
Small lot (0-5,000 sq. ft.)	120.34	per year per land parcel
Medium lot (5,001-10,000 sq. ft.)	187.98	per year per land parcel
Large lot (>10,000 sq. ft.)	429.62	per year per land parcel

Source: The District.

# **Historical Operating Results for the Wastewater System**

Table 18 sets forth the historical operating results and the calculation of the debt service coverage ratio for the Wastewater System for each of the last five Fiscal Years.

TABLE 18: WASTEWATER SYSTEM HISTORICAL OPERATING RESULTS AND DEBT SERVICE COVERAGE<sup>(1)</sup> FISCAL YEARS 2017 THROUGH 2021

	2	2017		2018		2019		2020		2021
WASTEWATER REVENUES <sup>(2)</sup>										
Dry Weather User Charges	\$ 69,999,373		\$ 74,726,870		\$ 78,108,092		\$ 79,881,685			,078,226
Wet Weather Facilities Charges		104,818		24,293,238		25,112,787		27,090,108		3,315,516
Interest		554,595		1,217,101		2,372,907	1,851,344			281,743
Resource Recovery	,	904,249		1,786,366	12,214,540		12,074,141			2,315,606
Wastewater Capacity Fees	,	969,321		11,418,610		3,259,943	5,697,283			,203,746
Other Revenues <sup>(3)</sup>		253,614		4,477,132		2,125,817		2,760,262		3,221,007
TOTAL WASTEWATER REVENUE	\$118,8	385,970	\$12	7,919,317	\$13	3,194,086	\$129	9,354,823	\$132	,415,844
RATE STABILIZATION FUND										
TRANSFERS									<b>.</b>	
Deposits to the Rate Stabilization Fund	\$	0	\$	0	\$	0	\$	0	\$ (7	,910,000)
Withdrawals from Rate Stabilization Fund		0		0		0		0		0
for Inclusion in Revenues		0		0		0		0		0
WASTEWATER REVENUES AFTER										
RATE STABILIZATION TRANSFER	\$118,8	<u> 385,970                                    </u>	\$12	<u>7,919,317                                    </u>	<u>\$13</u>	<u>3,194,086</u>	\$12	9,354,823	<u>\$124</u>	<u>1,505,844</u>
WASTEWATER OPERATION &										
MAINTENANCE COSTS <sup>(4)</sup>										
Operating Expenses		550,842		2,608,477		3,362,686		6,485,966		0,009,326
(Less Tax Receipts) <sup>(5)</sup>	(4,9)	914,980)	(;	5,428,849)	(	<u>5,768,972)</u>	(	6 <u>,285,937)</u>	(6	5,858,522)
TOTAL WASTEWATER OPERATION										
& MAINTENANCE COSTS	\$ 53,6	635,862	<u>\$ 5</u>	7,179,628	<u>\$ 5</u>	<u>7,593,714                                    </u>	\$ 6	0,200,029	<u>\$ 62</u>	2,150,804
NET WASTEWATER REVENUES	\$ 65,2	250,108	\$ 7	0,739,689	\$ 7	5,600,372	\$ 69	9,154,794	\$ 62	2,355,040
PARITY DEBT SERVICE										
Wastewater System Revenue Bonds <sup>(6)</sup>	\$ 29,0	)99,228	\$ 2	6,695,724	\$ 2	6,738,995	\$ 2	6,733,361	\$ 26	5,338,512
Parity State Loans		0		0		0		0		0
TOTAL PARITY DEBT SERVICE	\$ 29,0	)99,228	\$ 2	6,695,724	\$ 2	6,738,995	\$ 2	6,733,361	\$ 26	5,338,512
PARITY DEBT SERVICE COVERAGE		2.24		2.65		2.83		2.59		2.37
SUBORDINATE WASTEWATER SYSTEM										
DEBT SERVICE <sup>(7)</sup>	\$	109,216	\$	166,796	\$	249,715	\$	163,043	\$	19,875
	Ψ	107,210	Ψ	100,770	Ψ	247,713	Ψ	105,045	Ψ	17,075
TOTAL PARITY AND SUBORDINATE	A 20	200 444	Φ.2	C 0 C 2 5 2 0	Φ.2	<del></del>	Φ.2		Φ 24	. 250 205
DEBT SERVICE	\$ 29	,208,444	\$ 2	6,862,520	\$ 2	6,988,710	\$ 2	6,896,404	\$ 26	5,358,387
PARITY AND SUBORDINATE DEBT										
SERVICE COVERAGE		2.23		2.63		2.80		2.57		2.37

<sup>(1)</sup> Calculated in accordance with the Indenture as footnoted.

<sup>(2)</sup> Wastewater Revenues exclude grant receipts, taxes and certain reimbursements.

<sup>(3)</sup> Through Fiscal Year 2017, Other Revenues includes BABs Interest Subsidy Payments received and due to the District in connection with Series 2010B Bonds which are Build America Bonds. In Fiscal Year 2018, the subsidy is not included in Other Revenues (see Note 6). Other Revenues also includes revenues received from the sale of energy to the utility grid of \$900,014 in Fiscal Year 2017, \$1,109,183 in Fiscal Year 2018, \$542,293 in Fiscal Year 2019, \$ 914,620 in Fiscal Year 2020 and \$662,514 in Fiscal Year 2021.

<sup>(4)</sup> Excludes depreciation and amortization expenses. Also reflects certain adjustments for non-cash pension and OPEB expenses.

Wastewater Operation and Maintenance Costs exclude those expenses paid from the share of the 1% countywide ad valorem tax levy allocated to Special District No. 1.

<sup>6)</sup> Net of capitalized interest. Through Fiscal Year 2017, debt service on the Series 2010B Bonds is gross of the BABs Interest Subsidy Payments received by the District. In accordance with amendments to the Indenture which became effective on June 14, 2017, commencing in Fiscal Year 2018 BABs Interest Subsidy Payments received and due to the District are treated as an offset to interest paid by the District on the 2010B Bonds.

<sup>(7)</sup> Includes outstanding Wastewater System commercial paper notes and interest only with no principal amortization. Source: The District.

#### TRUSTEE CONTACT

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and all Wastewater System Revenue Bonds

#### CONTACTS AT THE EAST BAY MUNICIPAL UTILITY DISTRICT

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#### **EBMUD WEB SITE**

Since September 1996, the District has made available general financial information on its web site: (https://www.ebmud.com/about-us/investors/). The site is updated periodically and is designed to assist ratepayers, investors and other interested parties in learning more about the District's financial condition. However, the information presented therein is not part of this Continuing Disclosure Information Statement and must not be relied upon in making any investment decision with respect to the District's bonds.