

# **Attachment No. 38**

## **B & W Rate Study**



# East Palo Alto Sanitary District



## 2022 Sewer Rate Analysis

Working Draft Tables



**BARTLE WELLS ASSOCIATES**  
INDEPENDENT PUBLIC FINANCE ADVISORS

Table 1  
 East Palo Alto Sanitary District  
 Historical & Adopted Rates

	July 1 2010	July 1 2013	July 1 2014	July 1 2015	July 1 2019	July 1 2020	July 1 2021	July 1 2022	July 1 2023
					Currently In Effect	Adopted But Not Implemented / Deferred			
<b>RESIDENTIAL</b>									
<i>Fixed annual charge per residential dwelling unit</i>									
<b>Charge per Dwelling Unit<sup>1</sup></b>	\$485	\$520	\$550	\$575	\$600	\$630	\$660	\$690	\$720
<i>Monthly Equivalent</i>	40.42	43.33	45.83	47.92	50.00	52.50	55.00	57.50	60.00
<b>COMMERCIAL/INDUSTRIAL</b>									
<i>Rate per hundred cubic feet of annual metered water use, subject to a minimum annual charge (\$/hcf)</i>									
<b>Low Strength</b>									
Offices & Churches	\$3.6555	\$3.9193	\$4.1454	\$4.3338	\$4.6191	\$4.8501	\$5.0811	\$5.3121	\$5.5431
Educational Facilities	3.8920	4.1729	4.4136	4.6142	4.6191	4.8501	5.0811	5.3121	5.5431
<b>Standard Strength</b>									
General Commercial	4.0395	4.3310	4.5809	4.7891	4.9022	5.1473	5.3924	5.6375	5.8826
Recreational	4.0385	4.3299	4.5797	4.7879	4.9022	5.1473	5.3924	5.6375	5.8826
<b>Moderate Strength</b>									
Motels/Hotels	4.0385	4.3299	4.5797	4.7879	5.2940	5.5587	5.8234	6.0881	6.3528
Medical	4.5039	4.8289	5.1075	5.3397	5.2940	5.5587	5.8234	6.0881	6.3528
Industrial	4.3305	4.6430	4.9109	5.1341	5.2940	5.5587	5.8234	6.0881	6.3528
<b>High Strength</b>									
Restaurants	7.0341	7.5417	7.9768	8.3394	8.5034	8.9286	9.3538	9.7790	10.2042
<b>Minimum Annual Charge</b>	\$485	\$520	\$550	\$575	\$600	\$630	\$660	\$690	\$720

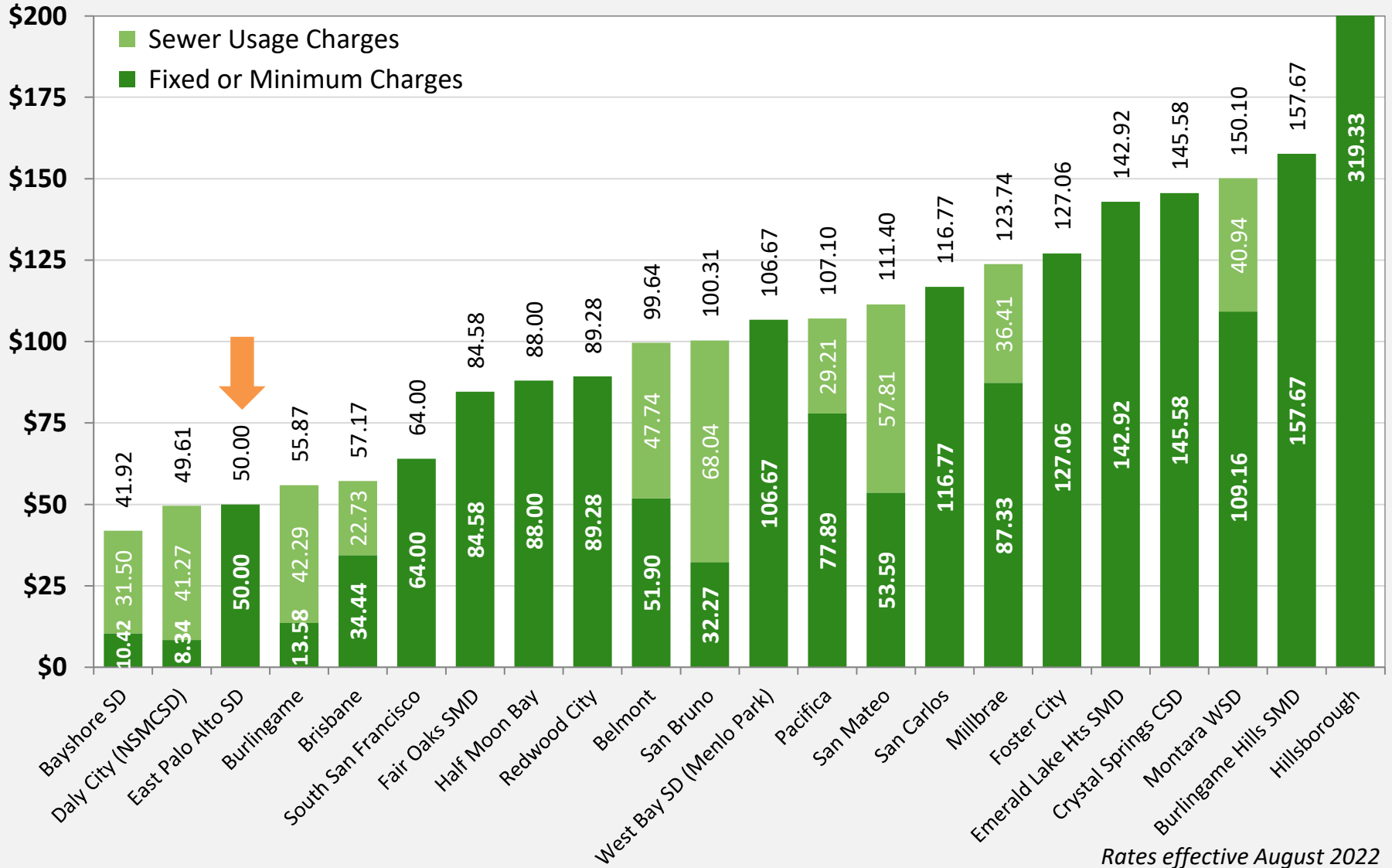
1 Applies to each dwelling unit per single family residence, duplex, triplex, apartment, multi-family, auto court, rooming house, trailer park, mobile home, cottage, flat.

Note: One hundred cubic feet (hcf) equals approximately 748 gallons.

Note: The District's service charges are collected on the San Mateo County property tax rolls.

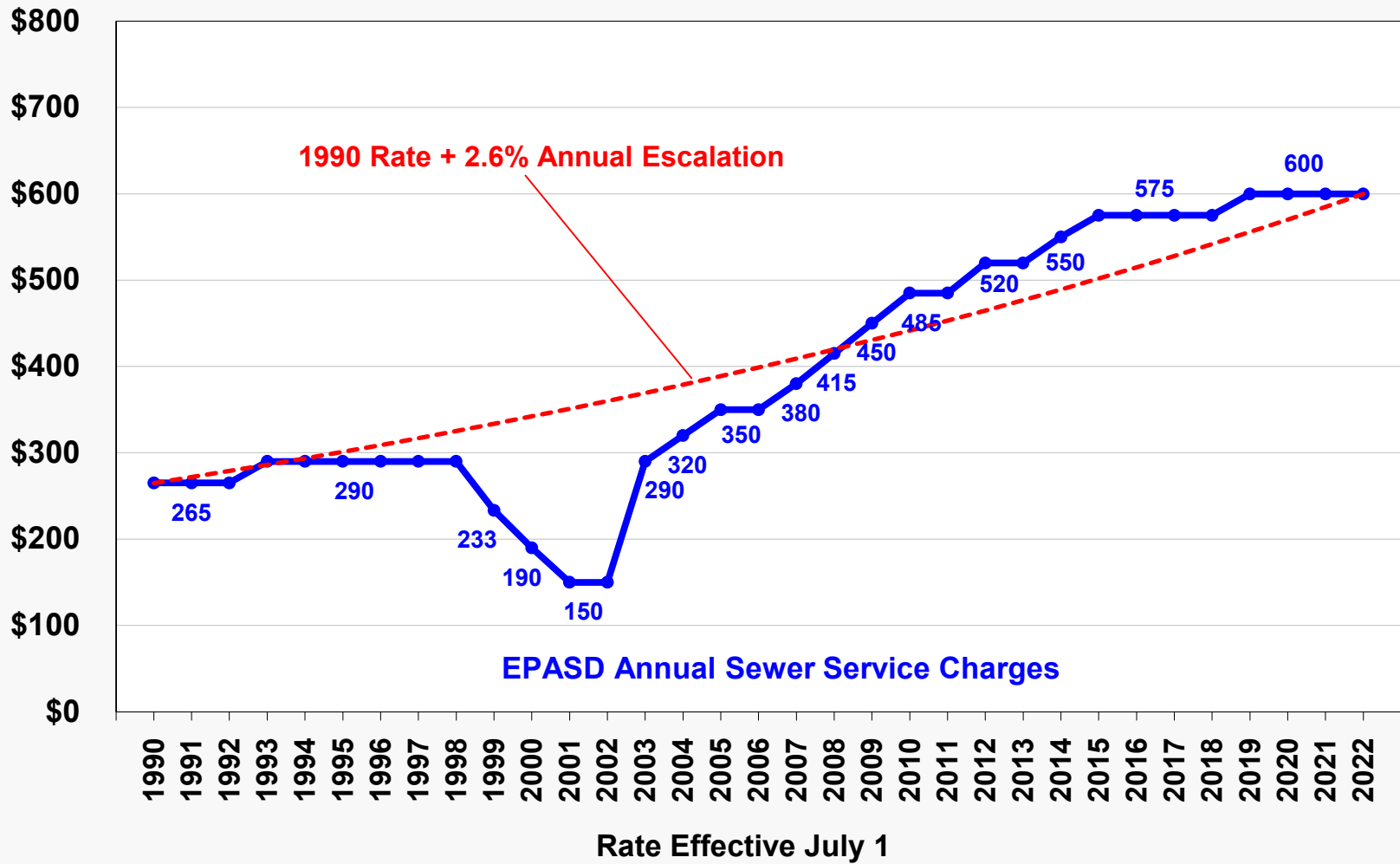
# Survey of Single Family Residential Monthly Sewer Rates

Based on flat rate or 5.5 hcf of monthly winter water use



Rates effective August 2022

# East Palo Alto Sanitary District Annual Sewer Charge Per Residential Dwelling Unit



# East Palo Alto Sanitary District Monthly Sewer Charge Per Residential Dwelling Unit (Rounded)

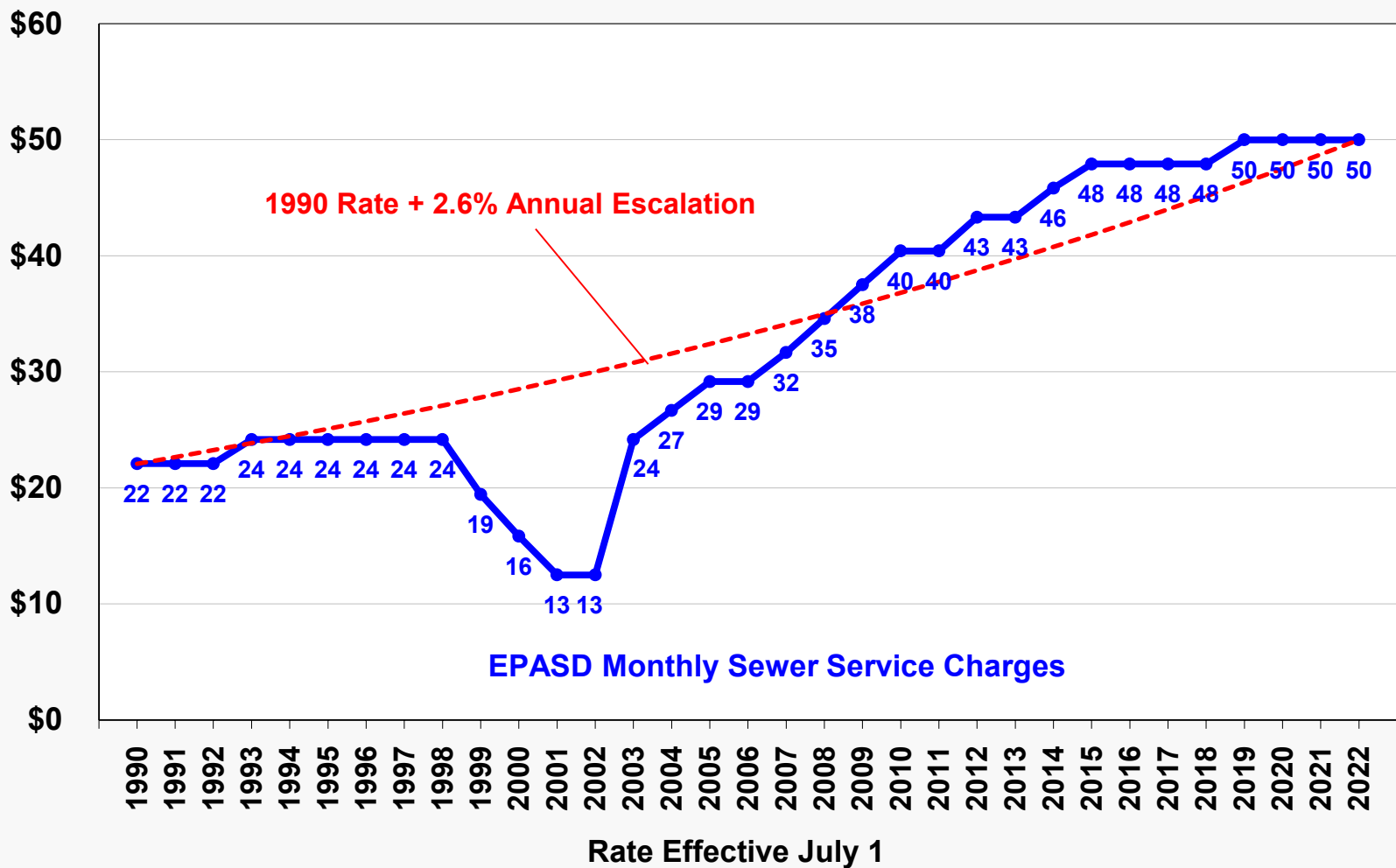


Table 2  
 East Palo Alto Sanitary District  
 Sewer Customers

	Accounts	% of Total	Dwelling Units
<b>RESIDENTIAL</b>			
Single Family Residential	3,360	81.5%	3,360
Multi-Family Residential	388	9.4%	3,567
Mobile Home	116	2.8%	116
Retirement	4	0.1%	7
Subtotal	3,868	93.8%	7,050
<b>COMMERCIAL/INDUSTRIAL</b>			
Offices & Churches	42	1.0%	
Schools/Educational Facilities	13	0.3%	
Motels/Hotels	2	0.0%	
Recreational	4	0.1%	
General Commercial	122	3.0%	
Industrial	20	0.5%	
Medical	2	0.0%	
Restaurants	12	0.3%	
Manual Billed	37	0.9%	
Subtotal	254	6.2%	
<b>TOTAL</b>	<b>4,122</b>		

Source: Sewer Service Charge billing summary for fiscal year 2022/23.

Table 3  
 East Palo Alto Sanitary District  
 Billed Sewer Service Charges

	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
<b>RESIDENTIAL</b>							
Single Family Residential	\$1,940,050	\$1,938,900	\$1,938,900	\$2,023,200	\$2,022,600	\$2,013,000	\$2,015,400
Multi-Family Residential	2,041,250	2,043,550	2,043,550	2,132,400	2,130,600	2,210,000	2,140,200
Mobile Home	-	-	-	-	-	-	69,600
Retirement	4,025	4,025	4,025	4,200	4,200	4,200	4,200
Subtotal	3,985,325	3,986,475	3,986,475	4,159,800	4,157,400	4,227,200	4,229,400
<b>COMMERCIAL/INDUSTRIAL</b>							
Offices & Churches	62,002	58,432	65,858	70,766	58,142	51,938	54,697
Schools/Educational Facilities	106,907	93,394	110,752	86,338	99,715	110,030	108,722
Motels/Hotels	73,217	94,559	102,945	97,600	82,301	18,259	35,613
Recreational	5,568	5,703	3,472	5,227	6,119	20,540	21,030
General Commercial	186,529	171,066	182,322	166,436	166,264	150,873	173,813
Industrial	23,519	24,828	24,710	22,210	22,996	23,857	23,758
Medical	9,889	6,774	8,497	9,326	7,461	7,826	7,053
Restaurants	55,089	54,272	66,014	76,523	56,256	61,519	68,390
Manual Billed	12,024	12,024	Est12,000	58,147	-	79,438	-
Subtotal	534,745	521,053	576,570	592,573	499,254	524,280	493,076
<b>TOTAL</b>	<b>4,520,070</b>	<b>4,507,528</b>	<b>4,563,045</b>	<b>4,752,373</b>	<b>4,656,654</b>	<b>4,751,480</b>	<b>4,722,476</b>

Source: Annual Sewer Service Charge billing summaries.



Table 4  
 East Palo Alto Sanitary District  
 RWQCP Invoices

	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
<b>Operating Payments*</b>								<u>Projected</u>
1st Quarter	331,934	380,417	415,426	453,398	482,954	459,180	437,236	450,966
2nd Quarter	338,105	380,417	415,425	453,399	482,953	459,180	437,236	450,966
3rd Quarter	338,104	380,417	415,426	453,398	482,953	459,180	375,736	450,966
4th Quarter	338,105	380,417	415,425	453,399	482,953	459,180	437,236	450,966
Prior Year Adjustment	<u>42,501</u>		<u>(105,876)</u>	<u>64,736</u>	<u>(143,602)</u>	<u>(326,941)</u>	<u>(211,264)</u>	<u>tbd</u>
Subtotal	1,388,749	1,521,668	1,555,826	1,878,330	1,788,211	1,509,779	1,476,180	1,803,864
<b>Debt Payments</b>	117,523	117,468	117,700	117,791	117,292	200,853	200,850	201,070
<b>Total</b>	<b>1,506,272</b>	<b>1,639,136</b>	<b>1,673,526</b>	<b>1,996,121</b>	<b>1,905,503</b>	<b>1,710,632</b>	<b>1,677,030</b>	<b>2,004,934</b>

Source: Quarterly Invoices for Palo Alto Regional Water Quality Control Plant.

\* Includes Pretreatment Program and Minor Capital.

Table 5  
 East Palo Alto Sanitary District  
 RWQCP Projected Funding Requirements

Note: Compared to prior projections, substantial new debt service has been deferred until 2027/28

	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32
<b>RWQCP PLANT TOTAL</b>										
Treatment O&M	27,139,000	28,415,000	28,773,000	29,317,000	29,818,000	30,474,000	31,138,000	31,862,000	32,512,000	33,408,000
Minor CIP Fund	3,471,000	3,572,000	3,676,000	3,783,000	3,893,000	4,006,000	4,122,000	4,242,000	4,365,000	4,491,000
Existing Debt Service	2,873,000	2,872,000	2,048,000	2,048,000	2,048,000	2,048,000	2,048,000	1,648,000	1,648,000	1,092,000
Planned Debt Service	0	1,175,000	1,916,000	1,916,000	1,916,000	9,962,000	12,016,000	12,016,000	12,016,000	12,016,000
Total	33,483,000	36,034,000	36,413,000	37,064,000	37,675,000	46,490,000	49,324,000	49,768,000	50,541,000	51,007,000
Annual Increase %		7.6%	1.1%	1.8%	1.6%	23.4%	6.1%	0.9%	1.6%	0.9%
<b>EPASD COST SHARE</b>										
Treatment O&M	\$1,669,000	\$1,748,000	\$1,770,000	\$1,803,000	\$1,834,000	\$1,874,000	\$1,915,000	\$1,959,000	\$1,999,000	\$2,055,000
Minor CIP Fund	213,000	220,000	226,000	233,000	239,000	246,000	254,000	261,000	268,000	276,000
Subtotal O&M	1,882,000	1,968,000	1,996,000	2,036,000	2,073,000	2,120,000	2,169,000	2,220,000	2,267,000	2,331,000
Existing Debt Service	201,000	201,000	126,000	126,000	126,000	126,000	126,000	126,000	126,000	83,000
Planned Debt Service	0	31,000	88,000	88,000	88,000	703,000	860,000	860,000	860,000	860,000
Subtotal Debt	201,000	232,000	214,000	214,000	214,000	829,000	986,000	986,000	986,000	943,000
Total	2,083,000	2,200,000	2,210,000	2,250,000	2,287,000	2,949,000	3,155,000	3,206,000	3,253,000	3,274,000
Annual Increase %		5.6%	0.5%	1.8%	1.6%	28.9%	7.0%	1.6%	1.5%	0.6%
<b>EPASD % SHARE OF TOTAL</b>										
Treatment O&M	6.15%	6.15%	6.15%	6.15%	6.15%	6.15%	6.15%	6.15%	6.15%	6.15%
Minor CIP Fund	6.14%	6.16%	6.15%	6.16%	6.14%	6.14%	6.16%	6.15%	6.14%	6.15%
Existing Debt Service	7.00%	7.00%	6.15%	6.15%	6.15%	6.15%	6.15%	7.65%	7.65%	7.60%
Planned Debt Service	-	2.64%	4.59%	4.59%	4.59%	7.06%	7.16%	7.16%	7.16%	7.16%
Total	6.22%	6.11%	6.07%	6.07%	6.07%	6.34%	6.40%	6.44%	6.44%	6.42%

Source: FY2023 - FY2032 RWQCP Wastewater Treatment Forecast, dated 5/11/2022, Revision 1.

Table 6  
 East Palo Alto Sanitary District  
 Outstanding Debt Service

Fiscal Year Ending June 30	EPASD Debt	EPASD Share of RWQCP Debt					Total
	2011 SRF Loan	1999 Bonds (1990 Refi) 11.90%	1999 Bonds (New \$) 7.64%	2009 SRF Loan 7.64%	2018 SRF Loan 7.64%	Subtotal	
2016	\$78,942	\$33,398	\$40,513	\$42,457	-	\$116,368	\$195,310
2017	78,942	33,127	40,730	42,457	-	116,314	195,256
2018	78,942	33,222	40,868	42,457	-	116,547	195,489
2019	78,942	33,254	40,927	42,457	-	116,638	195,580
2020	78,942	33,193	40,489	42,457	70,907	187,046	265,988
2021	78,942	33,067	40,455	42,457	81,505	197,484	276,426
2022	78,942	33,285	40,538	42,457	85,484	201,764	280,706
2023	78,942	33,418	40,623	42,457	85,484	201,982	280,924
2024	78,942	33,465	40,608	42,457	85,484	202,014	280,956
2025	78,942	-	-	42,457	85,484	127,941	206,883
2026	78,942	-	-	42,457	85,484	127,941	206,883
2027	78,942	-	-	42,457	85,484	127,941	206,883
2028	78,942	-	-	42,457	85,484	127,941	206,883
2029	78,942	-	-	42,457	85,484	127,941	206,883
2030	78,942	-	-	42,457	85,484	127,941	206,883
2031	78,942	-	-	42,457	85,484	127,941	206,883
2032	78,942	-	-	-	85,484	85,484	164,426
2033	78,942	-	-	-	85,484	85,484	164,426
2034	-	-	-	-	85,484	85,484	85,484
2035	-	-	-	-	85,484	85,484	85,484
2036	-	-	-	-	85,484	85,484	85,484
2037	-	-	-	-	85,484	85,484	85,484
2038	-	-	-	-	85,484	85,484	85,484
2039	-	-	-	-	85,484	85,484	85,484
2040	-	-	-	-	85,484	85,484	85,484
2041	-	-	-	-	85,484	85,484	85,484
2042	-	-	-	-	85,484	85,484	85,484
2043	-	-	-	-	85,484	85,484	85,484
2044	-	-	-	-	85,484	85,484	85,484
2045	-	-	-	-	85,484	85,484	85,484
2046	-	-	-	-	85,484	85,484	85,484
2047	-	-	-	-	85,484	85,484	85,484
2048	-	-	-	-	85,484	85,484	85,484
2049	-	-	-	-	85,484	85,484	85,484

Table 7  
 East Palo Alto Sanitary District  
 Capital Improvements

Program Alternative	Linear Feet	Opinion of Estimated Cost (\$ Millions)
Structural Upgrades <sup>1</sup>	77,000	\$53.2
Includes Capacity Upgrades <sup>2</sup>	14,000	\$9.7
Structural + Capacity Upgrades	92,000	\$65.5
Includes Capacity Upgrades	26,000	\$22.0
Includes Capacity Only Upgrades <sup>3</sup>	12,000	\$12.3
High Priority Program <sup>4</sup>	26,000	\$21.5
Includes Capacity Upgrades	17,000	\$14.1
Includes Capacity Only Upgrades	5,800	\$5.8

1. Structural Upgrades = Replacement of Pipelines with Substantial Structural Defects (may include Capacity Upgrades)

2. Capacity Upgrades = Replacement of Pipelines with Larger Capacity Pipelines per the Master Plan (independent of Structural condition)

3. Capacity Only Upgrades = Replacement of Pipelines that are Structurally Sound with Larger Capacity Pipelines per the Master Plan

4. High Priority Program = \$20M project to address High Priority pipelines considering both Structural and Capacity Upgrades

Table 7B  
 East Palo Alto Sanitary District  
 Capital Improvements

PRIOR VERSION  
 For Discussion Only

CAPITAL IMPROVEMENT PROJECTS	
<b>EPASD Near-Term Critical Capital Needs</b>	
Area 1 Pipeline Replacements <sup>1</sup>	\$13,567,000
Area 2 Pipeline Replacements <sup>2</sup>	<u>7,000,000</u>
Subtotal	20,567,000
<b>EPASD Longer-Term Capital Needs</b>	
Area 3 Pipeline Replacements	EPASD anticipates funding these projects over time on a pay-as-you-go basis. Annual funding is projected at \$1 to \$2 million per
Area 4 Pipeline Replacements	
<b>Pipeline Capacity Upsizings to Accommodate New Development</b>	
Master Plan Pipeline Upsizing <sup>3</sup>	\$26,556,000
Trunkline Improvements (New 18" Wet Weather Parallel Sewer Main) <sup>3</sup>	<u>8,600,000</u>
Subtotal (2021 \$)	35,156,000
With 10% Construction Cost Escalation	38,672,000
Less Overlap with Area Pipeline Replacements listed above <sup>4</sup>	(7,500,000)
Wastewater Treatment Plant 1 mgd Capacity Purchase <sup>5</sup>	<u>5,000,000</u>
Subtotal	36,172,000

1 Source: Area 1 CCTV Survey Evaluation and Pipeline Replacement Priorities; Sierra West Consultants, Inc., August 31, 2022.

2 Preliminary placeholder estimate; cost estimates will be refined based on conditions assessment and analysis of Area 2 pipelines which is currently underway.

3 Source: Addendum to March 2015 Master Plan Update, Table 17; Freyer & Laureta, Inc., April 28, 2021.

4 Preliminary placeholder estimate \_\_\_\_\_.

5 Source: Estimate provided by East Palo Alto Sanitary District.

Table  
 East Palo Alto Sanitary District  
 Debt Service Estimates

**TABLE NOT NEEDED**

Estimated Debt Service per \$10M  
 Assumes Level Annual Debt Service

		<b>30-Year Bonds/COPs</b>
<b>Project Funding</b>		\$10,000,000
<b><u>Costs of Issuance/Other</u></b>		
Underwriter's Discount	0.70%	70,000
Issuance Costs		170,000
Bond Insurance (tbd)	0.30%	60,000
Reserve Surety	tbd	tbd
Capitalized Interest	tbd	-
Other Costs/Contingency		20,000
Subtotal		320,000
Total Issue Size		10,320,000
<b><u>Level Annual Debt Service</u></b>		
Repayment Term (Years)		30
Avg Interest Rate	planning est	5.00%
<b>Annual Debt Service per \$10 Million</b>		671,000

Estimates shown for financial planning purposes, actual costs and rates may vary.  
 Debt projections assume level annual deb service payments.

Table 8  
 East Palo Alto Sanitary District  
 Historical Revenues & Expenses

	Actual 2015/16	Actual 2016/17	Actual 2017/18	Actual 2018/19	Actual 2019/20	Actual 2020/21	Actual 2021/22	Estimated 2022/23
<b>REVENUES</b>								Estimated
Service Charges	4,532,749	4,512,412	4,498,735	4,584,087	4,774,075	4,821,925	4,837,146	4,700,000
Property Taxes	382,922	410,167	491,665	522,015	588,095	581,013	605,915	600,000
ERAF Rebate/Former RDA	401,802	452,314	506,252	699,964	632,104	690,096	736,934	500,000
Capacity/Connection Fees	290,000	7,475	10,875	49,200	35,145	606,469	47,653	100,000
Interest Earnings	94,020	156,236	159,974	470,526	374,024	219,625	212,337	250,000
Rental Income/Other	48,179	53,720	127,421	123,311	233,091	174,968	79,441	100,000
Total Revenues	5,749,672	5,592,324	5,794,922	6,449,102	6,636,534	7,094,096	6,519,425	6,250,000
<b>EXPENSES</b>								Estimated
<b>Operating</b>								Estimated
EPASD Salaries & Benefits	1,538,600	925,384	833,570	733,457	826,552	711,877	765,880	858,000
Pension GASB 68 & OPEB Exps	215,440	12,253	0	161,350	71,507	43,559	1,400,000	100,000
EPASD Other Operating	653,709	756,411	1,181,312	1,413,404	1,256,629	1,065,610	1,476,004	1,425,000
RWQCP Wastewater Treatment	1,431,206	1,647,300	1,602,883	1,879,480	1,874,326	1,660,746	1,476,180	1,800,000
Subtotal	3,838,955	3,341,349	3,617,765	4,187,691	4,029,013	3,481,792	5,118,064	4,183,000
<b>Debt Service</b>								
2011 SRF Loan	78,942	78,942	78,942	78,942	78,942	78,942	78,942	79,000
EPASD Share of RWQCP Debt	116,368	116,314	116,547	117,791	117,292	200,853	200,850	202,000
Subtotal	195,310	195,256	195,489	196,733	196,234	279,795	279,792	281,000
<b>Capital Improvements/Other</b>								
Capital Projects/Equipment	123,503	456,622	1,487,526	88,527	180,000	591,622	53,224	???
Subtotal	123,503	456,622	1,487,526	88,527	180,000	591,622	53,224	0
Total Expenses	4,157,768	3,993,227	5,300,780	4,472,951	4,405,247	4,353,209	5,451,080	4,464,000

Source: EPASD Profit & Loss Statements, debt service based on repayment schedules for each debt issue.

Table 9 East Palo Alto Sanitary District - Cash Flow Projections											Working Draft
		1	2	3	4	5	6	7	8	9	10
		2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32
Rate per EDU		\$600	\$640	\$680	\$720	\$760	\$800	\$840	\$880	\$905	\$930
Annual Rate Adjustment \$		\$0	\$40	\$40	\$40	\$40	\$40	\$40	\$40	\$25	\$25
Rate Adjustment %		0.0%	6.7%	6.3%	5.9%	5.6%	5.3%	5.0%	4.8%	2.8%	2.8%
Growth (New EDUs)		10	10	10	10	10	10	10	10	10	10
Growth %		0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%
Interest Earnings Rate		0.75%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
<b>Beginning Cash Reserves</b> (All Funds)		\$26,169,000	\$26,861,000	\$19,664,000	\$12,576,000	\$5,565,000	\$6,131,000	\$6,219,000	\$6,277,000	\$6,454,000	\$6,632,000
<b>REVENUES</b>											
Service Charges		4,700,000	5,020,000	5,340,000	5,661,000	5,983,000	6,306,000	6,630,000	6,954,000	7,161,000	7,368,000
Property Taxes	2.5%	600,000	615,000	633,000	652,000	672,000	692,000	713,000	734,000	756,000	779,000
ERAF Rebate/Former RDAF		500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000
Connection/Capacity Charges		159,000	159,000	159,000	159,000	159,000	159,000	159,000	159,000	159,000	159,000
Interest Earnings		196,000	269,000	197,000	126,000	56,000	61,000	62,000	63,000	65,000	66,000
Rental Income/Other		100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Total Revenues		6,255,000	6,663,000	6,929,000	7,198,000	7,470,000	7,818,000	8,164,000	8,510,000	8,741,000	8,972,000
<b>EXPENSES</b>											
<b>Operating</b>											
EPASD Salaries & Benefits	4.0%	858,000	892,000	928,000	965,000	1,004,000	1,044,000	1,086,000	1,129,000	1,174,000	1,221,000
Other Pension & OPEB Payments	4.0%	100,000	104,000	108,000	112,000	116,000	121,000	126,000	131,000	136,000	141,000
EPASD Other Operating Expenses	4.0%	1,425,000	1,482,000	1,541,000	1,603,000	1,667,000	1,734,000	1,803,000	1,875,000	1,950,000	2,028,000
RWQCP Wastewater Treatment	RWQCP Proj	1,800,000	1,968,000	1,996,000	2,036,000	2,073,000	2,120,000	2,169,000	2,220,000	2,267,000	2,331,000
Subtotal		4,183,000	4,446,000	4,573,000	4,716,000	4,860,000	5,019,000	5,184,000	5,355,000	5,527,000	5,721,000
<b>Debt Service</b>											
EPASD 2011 SRF Loan		79,000	79,000	79,000	79,000	79,000	79,000	79,000	79,000	79,000	79,000
Share of Existing RWQCP Debt		201,000	201,000	126,000	126,000	126,000	126,000	126,000	126,000	126,000	83,000
Share of Projected RWQCP Debt		0	31,000	88,000	88,000	88,000	703,000	860,000	860,000	860,000	860,000
Subtotal		280,000	311,000	293,000	293,000	293,000	908,000	1,065,000	1,065,000	1,065,000	1,022,000
<b>Capital/Other</b>											
High Priority Capital Projects		0	7,500,000	7,500,000	7,500,000	0	0	0	0	0	0
Annual Capital Project Funding	3.0%	1,000,000	1,500,000	1,545,000	1,591,000	1,639,000	1,688,000	1,739,000	1,791,000	1,845,000	1,900,000
Vehicles/Equipment	3.0%	100,000	103,000	106,000	109,000	112,000	115,000	118,000	122,000	126,000	130,000
Subtotal		1,100,000	9,103,000	9,151,000	9,200,000	1,751,000	1,803,000	1,857,000	1,913,000	1,971,000	2,030,000
Total Expenses		5,563,000	13,860,000	14,017,000	14,209,000	6,904,000	7,730,000	8,106,000	8,333,000	8,563,000	8,773,000
<b>Revenues Less Expenses</b>		692,000	(7,197,000)	(7,088,000)	(7,011,000)	566,000	88,000	58,000	177,000	178,000	199,000
<b>Ending Cash Reserves</b> (All Funds)		26,861,000	19,664,000	12,576,000	5,565,000	6,131,000	6,219,000	6,277,000	6,454,000	6,632,000	6,831,000
Debt Service Coverage (All Debt)		7.40	7.13	8.04	8.47	8.91	3.08	2.80	2.96	3.02	3.18



Table 10  
 East Palo Alto Sanitary District  
 Projected Rates

	Currently in Effect	Projected Rates Effective On or After				
		July 1 2023	July 1 2024	July 1 2025	July 1 2026	July 1 2027
<b>RESIDENTIAL</b>						
<i>Fixed annual charge per residential dwelling unit</i>						
<b>Charge per Dwelling Unit<sup>1</sup></b>	\$600	\$640	\$680	\$720	\$760	\$800
<i>Monthly Equivalent</i>	50.00	53.33	56.67	60.00	63.33	66.67
<i>% Increase</i>		6.7%	6.3%	5.9%	5.6%	5.3%
<b>COMMERCIAL/INDUSTRIAL</b>						
<i>Rate per hundred cubic feet of annual metered water use, subject to a minimum annual charge (\$/hcf)</i>						
<b><u>Low Strength</u></b>						
Offices & Churches	\$4.6191	\$4.9270	\$5.2350	\$5.5429	\$5.8509	\$6.1588
Educational Facilities	4.6191	4.9270	5.2350	5.5429	5.8509	6.1588
<b><u>Standard Strength</u></b>						
General Commercial	4.9022	5.2290	5.5558	5.8826	6.2095	6.5363
Recreational	4.9022	5.2290	5.5558	5.8826	6.2095	6.5363
<b><u>Moderate Strength</u></b>						
Motels/Hotels	5.2940	5.6469	5.9999	6.3528	6.7057	7.0587
Medical	5.2940	5.6469	5.9999	6.3528	6.7057	7.0587
Industrial	5.2940	5.6469	5.9999	6.3528	6.7057	7.0587
<b><u>High Strength</u></b>						
Restaurants	8.5034	9.0703	9.6372	10.2041	10.7710	11.3379
<b><i>Minimum Annual Charge</i></b>	<b><i>\$600</i></b>	<b><i>\$640</i></b>	<b><i>\$680</i></b>	<b><i>\$720</i></b>	<b><i>\$760</i></b>	<b><i>\$800</i></b>

1 Applies to each dwelling unit per single family residence, duplex, triplex, apartment, multi-family, auto court, rooming house, trailer park, mobile home, cottage, flat.

Note: One hundred cubic feet (hcf) equals approximately 748 gallons.

Note: The District's service charges are collected on the San Mateo County property tax rolls.

# East Palo Alto Sanitary District Annual Sewer Charge Per Residential Dwelling Unit

