



TAMALPAIS COMMUNITY SERVICES DISTRICT

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TCSO BOARD OF DIRECTORS REGULAR MEETING AGENDA

WEDNESDAY, January 25, 2023 8:00AM-10:00AM (end time approx.)

1. CALL TO ORDER

2. ROLL CALL President Steffen Bartschat

Directors: Vice President Jeff Brown, Jim Jacobs, Steve Levine, and Matt McMahon

3. APPROVE AGENDA

4. PUBLIC EXPRESSION

Members of the public are invited to address the Board concerning topics, which are not listed on the Agenda (If an item is agendaized, interested persons may address the Board during the Board's consideration of that item). Speakers should understand that except in very limited situations, State law precludes the Board from taking action on or engaging in extended deliberations concerning items of business which are not on the Agenda. Consequently, if further consideration is required, the Board may refer the matter to its staff or direct that the subject be added to an agenda for a future meeting. The Board reserves the right to limit the time devoted to this portion of the Agenda and to limit the duration of speakers' presentations.

5. REGULAR BUSINESS: Board Actions

Conduct second study session on the preliminary analysis and recommendations from R3 Consulting Group regarding the Five-Year Rate Study and 10- Year Financial Plan for Solid Waste expenditures and revenues.

6. ADJOURNMENT

NEXT TCSO BOARD MEETING

February 8, 2023 – 7:00 PM

TAMALPAIS COMMUNITY CENTER, 203 MARIN AVE, MILL VALLEY

BOARD RETREAT

February 11, 2023- 9:00am to 1:00pm

Fernwood Cemetery

JANUARY 25, 2023

ITEM 5

CONDUCT SECOND STUDY SESSION ON THE PRELIMINARY ANALYSIS AND RECOMMENDATIONS REGARDING THE FIVE-YEAR RATE STUDY AND 10-YEAR FINANCIAL PLAN FOR SOLID WASTE EXPENDITURES AND REVENUES

TO: BOARD OF DIRECTORS

**FROM: GARRETT TOY, GENERAL MANAGER
ALAN SHEAR, ASSISTANT GENERAL MANAGER**

SUBJECT: CONDUCT SECOND STUDY SESSION ON THE PRELIMINARY ANALYSIS AND RECOMMENDATIONS REGARDING THE FIVE-YEAR RATE STUDY AND 10-YEAR FINANCIAL PLAN FOR SOLID WASTE EXPENDITURES AND REVENUES

Recommendation

Conduct second study session on the preliminary analysis and recommendations from R3 Consulting Group regarding the Five-Year Rate Study and 10- Year Financial Plan for Solid Waste expenditures and revenues.

Policy Issues

The TCSD Board approves all rate adjustments for solid waste services.

Background

On November 16, 2022, the Board conducted the first study session on the preliminary recommendations from R3 Consulting Group regarding the Five-Year Rate Study and 10-Year Financial Plan for Solid Waste expenditures and revenues. The Board provided input to R3 and staff on the preliminary recommendations. Changes have been incorporated in the recommendations and are reflected in the presentation and attached memo from R3.

Analysis

Since the first study session in November, the following items have been updated and/or added to reflect the discussion and comments by the Board:

- A total of an 10% increase in rates over the term of the five years (2% per year).

This is a reduction from the initially proposed increase of 15% (3% per year) over five years. The rationale for the reduction is the amount of the actual reserves is higher than projected five years ago and a reduction of the factor used for annual increases in retirement (4%/yr., reduced from 7%). Also, during the November study session review of the spreadsheet from R3, we discovered and corrected a calculation formula used for reserves which resulted in lower annual rate increases, while maintaining the appropriate level of reserve funds.

- Changed vehicle purchase to vehicle capital reserve contribution and significantly increased the contributions per year.

The large refuse truck is approximately 20 years old and in need of replacement. Staff estimates a replacement cost of \$500,000 for a new truck, which necessitates the need for higher vehicle replacement contributions.

- Added new program descriptions per Board direction.
- Added a rate comparison with other communities.
- Added information on the cost breakdown of benefits (health, retirement).

At the meeting, staff will have information regarding previous increases in TCSO medical and retirement costs. You may recall at the meeting that TCSO pays the employee share of retirement contributions for three (3) employees in the Classic MCERA tier.

- Added a row that shows total operating reserves as a percentage of operating expenses.

Next Steps

After today's study session, staff will begin the state-mandated Prop 218 process required for approval of certain taxes, fees, and assessments, which includes refuse collection. The first step comprises sending a postcard to all property owners in Tam Valley notifying them of the proposed solid waste rates for the next five years, beginning July 1, 2023. Prior to mailing, staff will provide the Board the final version of the postcard, including the proposed rates for the next five years, at the February 8th Board meeting. Following Board approval, the postcards will be mailed the third week of February. The postcard will also contain information on the public hearing date for the proposed new rates.

The public hearing takes place, at a minimum, 45 days after the mailing date informing property owners of the proposed rate increases and their effective dates. Staff anticipates the regularly scheduled Board meeting of April 12th will serve as the public hearing date to consider the proposed rate increases for the next five years. The meeting will allow Tam Valley residents/businesses an opportunity to provide public comments and protests on the proposed rates. The April hearing date will also allow sufficient time to provide the new rates to the County to ensure they are reflected on the property tax rolls beginning July 1, 2023.

Fiscal Impact

n/a

Attachments

Memo from R3 Consulting

2023 Solid Waste 10-Year Financial Plan and 5-Year Rate Study

Background

Solid waste collection is an important health and safety service provided to residents and businesses by TCSD crews. R3's recommended Solid Waste 10-Year Financial Plan for TCSD's solid waste operations provides for replacement of collection trucks on a routine schedule based on industry standards, compensation for increased costs due to high inflation seen across most sectors, continued payment of liabilities such as OPEB, and maintains reserve funds to help the solid waste enterprise withstand unforeseen budget adjustments. Overall, implementation of the 10-Year Financial Plan and adoption of proposed solid waste service charges will enable TCSD to adapt and respond to new State regulations regarding solid waste, rapidly changing market conditions for recyclables and organics, and provide for sustainability of staffing, capital and legislative compliance into the future.

TCSD crews perform collection of solid waste in three streams, 1) refuse, 2) recycling, and 3) organics. TCSD takes refuse and organics to Marin Resource Recovery in San Rafael and recycling to the Integrated Resource Recovery Facility in Richmond. The steep topography and road repair status of much of the TCSD service district presents a challenge, which the crews have met admirably. All collections are currently performed with mini-packer-trucks, which have smaller than average payload capacity (10 cubic yard capacity) and have a small and nimble enough chassis to traverse most of the private driveways, non-county maintained roads, and one or two lane highways in the area. Many jurisdictions consider these conditions hilly or difficult to service and charge significant premiums for this type of service. In 2017-18 R3 created a 10-year financial plan and five-year rate study for TCSD. This study set five (5) years of rates starting in FY 18/19 and ending in FY 22/23. That plan resulted in larger than average rate adjustments – 18% the first year and 8% each year thereafter, largely due to vehicle replacement needs, building reserve levels, and paying back a loan from the sewer fund.

R3 Summary of 10-Year Financial Plan and 5-Year Rate Schedule

At the first Board work session on November 17, 2022, R3 presented the first draft of the updated 10-year financial plan for TCSD. At that meeting, the TCSD Board of Directors presented several pieces of feedback, including the desire for creating a specific vehicle replacement fund, projecting the components of labor benefits (social security, medical, retirement) separately, and funding for additional/new programs.

As a result of that feedback, R3 made the following updates to the 10-Year Plan:

- Separated medical insurance, social security, and retirement expenses (originally combined as labor benefits)
 - Projected 7% annual increases for medical, 4% for social security and retirement expenses
- Increased contributions to vehicle replacement fund and included purchase of a rear-loader in the vehicle replacement schedule.
- Added the following additional programs with cost estimates
 - Compost Education Program (\$5,000/yr)
 - Mattress Collection on Debris Days (\$4,000/yr)
 - HHW Drop Off Day (\$3,000/yr)
 - Residential Kitchen pails, replacement pails, distribution, and education and outreach for pails (\$70,000 in year 1, \$3,500 ongoing)

- Updated nomenclature of reserve funds and added a row to show total reserves as a percentage of operating expenses.
- Added in rate comparisons for several bay area counties including Marin County.

Additionally, during the November study session review, R3 and staff discovered and corrected a calculation formula used for reserves which resulted in lower annual rate increase requirements, while maintaining the appropriate level of reserve funds and satisfying all other desired conditions.

As a result of those changes, TCSD’s 10-year plan now forecasts **2.0% rate increases each of the next 5 years**. These rate increases are well below changes in the consumer price index but will allow for TCSD to maintain it’s 8-month operating reserve while also addressing vehicle replacement, new program costs, and current risks such as inflation.

Tamalpais Community Services District						
Proposed Maximum Solid Waste Collection, Processing and Disposal Annual Service Charges FY23-24 - FY27-28						
Service Charges Apply to Residential and Commercial Properties Based on Garbage Container Size and Collection Frequency						
Services Charges for Once Weekly Collection Shown Below						
Garbage Container Size	Service Charges for Once Weekly Collection*					
	CURRENT FY22-23	PROPOSED FY 23-24	PROPOSED FY 24-25	PROPOSED FY 25-26	PROPOSED FY 26-27	PROPOSED FY 27-28
A1 Flat (one @ 35 Gallon)	\$ 920.36	\$ 938.77	\$ 957.54	\$ 976.69	\$ 996.23	\$ 1,016.15
A2 Flat (one @ 65 Gallon)	\$ 1,389.58	\$ 1,417.37	\$ 1,445.72	\$ 1,474.63	\$ 1,504.13	\$ 1,534.21
A3 Flat (one @ 35 Gallon & one @ 65 Gallon)	\$ 1,885.32	\$ 1,923.03	\$ 1,961.49	\$ 2,000.72	\$ 2,040.73	\$ 2,081.55
A4 Flat (Two @ 65 Gallon)	\$ 2,359.84	\$ 2,407.04	\$ 2,455.18	\$ 2,504.28	\$ 2,554.37	\$ 2,605.45
B1 Hill (one @ 35 Gallon)	\$ 958.58	\$ 977.75	\$ 997.31	\$ 1,017.25	\$ 1,037.60	\$ 1,058.35
B2 Hill (one @ 65 Gallon)	\$ 1,427.80	\$ 1,456.36	\$ 1,485.48	\$ 1,515.19	\$ 1,545.50	\$ 1,576.41
B3 Hill (one @ 35 Gallon & one @ 65 Gallon)	\$ 1,923.54	\$ 1,962.01	\$ 2,001.25	\$ 2,041.28	\$ 2,082.10	\$ 2,123.74
B3 Hill (two @ 65 Gallon)	\$ 2,398.06	\$ 2,446.02	\$ 2,494.94	\$ 2,544.84	\$ 2,595.74	\$ 2,647.65
C1 Flat & Private (one @ 35 Gallon)	\$ 1,009.52	\$ 1,029.71	\$ 1,050.30	\$ 1,071.31	\$ 1,092.74	\$ 1,114.59
C2 Flat & Private (one @ 65 Gallon)	\$ 1,478.74	\$ 1,508.31	\$ 1,538.48	\$ 1,569.25	\$ 1,600.64	\$ 1,632.65
C3 Flat & Private (one @ 35 Gallon & one @ 65 Gallon)	\$ 1,974.48	\$ 2,013.97	\$ 2,054.25	\$ 2,095.33	\$ 2,137.24	\$ 2,179.99
C4 Flat & Private (two @ 65 Gallon)	\$ 2,449.00	\$ 2,497.98	\$ 2,547.94	\$ 2,598.90	\$ 2,650.88	\$ 2,703.89
D1 Hill & Private (one @ 35 Gallon)	\$ 1,047.74	\$ 1,068.69	\$ 1,090.07	\$ 1,111.87	\$ 1,134.11	\$ 1,156.79
D2 Hill & Private (one @ 65 Gallon)	\$ 1,516.96	\$ 1,547.30	\$ 1,578.25	\$ 1,609.81	\$ 1,642.01	\$ 1,674.85
D3 Hill & Private (one @ 35 Gallon & one @ 65 Gallon)	\$ 2,012.70	\$ 2,052.95	\$ 2,094.01	\$ 2,135.89	\$ 2,178.61	\$ 2,222.18
D4 Hill & Private (two @ 65 Gallon)	\$ 2,487.22	\$ 2,536.96	\$ 2,587.70	\$ 2,639.46	\$ 2,692.25	\$ 2,746.09
Additional Cart (65 Gallon)	\$ 1,415.06	\$ 1,443.36	\$ 1,472.23	\$ 1,501.67	\$ 1,531.71	\$ 1,562.34
1.44 Cubic Yard Bin (Commercial)	\$ 6,097.58	\$ 6,219.53	\$ 6,343.92	\$ 6,470.80	\$ 6,600.22	\$ 6,732.22

*Service Charges for Commercial and Large Apartment Buildings requiring multiple collections per week are based on the maximum service charges for Garbage carts and bins as shown above, times the number of Garbage carts and bins serviced, times the number of collections per week. For commercial bin pickup more than once per week and/or pickup of more than one bin per location, the rates shall be calculated using the following factors: 2 pickups or 2 bins per week: 1.8 x the weekly rate; 3 pickups or 3 bins per week: 2.3 x the weekly rate; 4 pickups or 4 bins per week: 2.8 x the weekly rate; 5 pickups or 5 bins per week: 3.3 x the weekly rate.

TAMALPAIS COMMUNITY SERVICES DISTRICT
Budget Year-to-Date Report
FY 2021- 2022

DRAFT Solid Waste Fund 10-Year Financial Plan	Prior Year Actuals	Current Year Projection	DRAFT Forecast									
	FY 21-22	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	FY30-31	FY 31-32	FY 32-33
Starting Available Fund Balance (Including Reserves)		\$ 2,068,711	\$ 2,573,011	\$ 2,607,076	\$ 2,875,296	\$ 3,094,076	\$ 3,259,216	\$ 3,364,606	\$ 3,506,946	\$ 3,610,836	\$ 3,675,676	\$ 3,690,366
Recommended Annual Change in Service Charges	8.0%	8.0%	2.0%	2.0%	2.0%	2.0%	2.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Annual Revenues												
4201 - Refuse Service Charges	\$ 2,611,092	\$ 2,742,000	\$ 2,797,000	\$ 2,853,000	\$ 2,910,000	\$ 2,968,000	\$ 3,027,000	\$ 3,118,000	\$ 3,212,000	\$ 3,308,000	\$ 3,407,000	\$ 3,509,000
4202 - Other Refuse Services	\$ 8,436	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000
4410 - Donations/Fundraising/Grants	\$ 26,754	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
4420 - Interest Revenue	\$ 4,598	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000
Total Revenue	\$ 2,650,880	\$ 2,763,000	\$ 2,818,000	\$ 2,874,000	\$ 2,931,000	\$ 2,989,000	\$ 3,048,000	\$ 3,139,000	\$ 3,233,000	\$ 3,329,000	\$ 3,428,000	\$ 3,530,000
Annual Expenses												
5010 - Salaries	\$ 618,606	\$ 727,200	\$ 764,000	\$ 802,000	\$ 842,000	\$ 884,000	\$ 928,000	\$ 974,000	\$ 1,023,000	\$ 1,074,000	\$ 1,128,000	\$ 1,184,000
5021 - Health Insurance	124,775	140,700	151,000	162,000	173,000	185,000	198,000	212,000	227,000	243,000	260,000	278,000
5023 - Social Security and Medicare	45,357	51,600	54,000	56,000	58,000	60,000	62,000	64,000	67,000	70,000	73,000	76,000
5022/5025/5026 - Retirement Contributions/Retiree Medical Insurance/Reserve	257,913	294,900	307,000	319,000	332,000	345,000	359,000	373,000	388,000	404,000	420,000	437,000
5024 - Other Employee Benefits	(161)	2,100	2,200	2,300	2,400	2,500	2,600	2,700	2,800	2,900	3,000	3,100
5400 - TCSD Director Fees	2,876	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400
5401 - Professional Fees	42,937	116,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000
5432 - Insurance	56,312	75,900	79,000	82,000	85,000	88,000	92,000	96,000	100,000	104,000	108,000	112,000
5425 - Office and Technology	19,543	19,000	20,000	21,000	22,000	23,000	24,000	25,000	26,000	27,000	28,000	29,000
5430 - Telephone and Alarms	7,607	7,000	7,300	7,600	7,900	8,200	8,500	8,800	9,200	9,600	10,000	10,400
5439 - Utilities	2,425	3,500	3,600	3,700	3,800	4,000	4,200	4,400	4,600	4,800	5,000	5,200
5440 - Fuel, Lubricants	64,785	85,500	91,500	98,000	105,000	112,000	120,000	128,000	137,000	147,000	157,000	168,000
5450 - Maintenance and Supply	143,865	216,900	226,000	235,000	244,000	254,000	264,000	275,000	286,000	297,000	309,000	321,000
5471 - Minor Equipment	-	4,400	4,600	4,800	5,000	5,200	5,400	5,600	5,800	6,000	6,200	6,400
5210 - Refuse Disposal Expenses	293,323	394,900	330,300	347,100	364,900	383,700	403,600	424,600	446,800	466,500	495,200	521,600
5431 - Public Education and Outreach	1,342	20,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000
5420 - Travel, Schools, Seminars	1,273	3,200	3,300	3,400	3,500	3,600	3,700	3,800	4,000	4,200	4,400	4,600
5438 - Fees and Permits	32,976	41,600	43,300	45,000	46,800	48,700	50,600	52,600	54,700	56,900	59,200	61,600
5437 - Miscellaneous	8,451	1,000	1,040	1,080	1,120	1,160	1,210	1,260	1,310	1,360	1,410	1,470
5472 - Donations/Grants Paid Expenses	6,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Debt Service Payments	44,804	44,900	44,900	44,900	44,900	44,900	44,900	-	-	-	-	-
Mattress Collection (On 2 Debris Day)			4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000
E-Waste Collection (On 2 Debris Days)			2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Compost Education Program			5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Kitchen Pails (delivery, outreach/education program)			70,000	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500
HHW Drop Off Day (1)			3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
OPEB Liability	-	-	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000
Vehicle Replacement	-	-	388,495	175,000	175,000	175,000	175,000	150,000	150,000	150,000	150,000	150,000
Total Expenses	1,775,009	2,258,700	2,783,935	2,605,780	2,712,220	2,823,860	2,942,610	2,996,660	3,129,110	3,264,160	3,413,310	3,565,270
Surplus (Shortfall)	875,871	504,300	34,065	268,220	218,780	165,140	105,390	142,340	103,890	64,840	14,690	(35,270)
Rainy Day/Contingency Reserve	884,780	1,066,458	1,032,663	1,277,311	1,425,095	1,515,771	1,541,955	1,631,569	1,647,115	1,621,876	1,537,083	1,400,456
8 Mo. Operating Reserves (cash flow)	1,183,931	1,506,553	1,574,413	1,597,985	1,668,981	1,743,445	1,822,651	1,875,377	1,963,721	2,053,800	2,153,283	2,254,640
Ending Cash Balance Including Reserves	2,068,711	2,573,011	2,607,076	2,875,296	3,094,076	3,259,216	3,364,606	3,506,946	3,610,836	3,675,676	3,690,366	3,655,096
8 Mo. Reserve as % of Operating Expenses	67%	67%	67%	67%	67%	67%	67%	67%	67%	67%	67%	67%
Total Reserves as % of Operating Expenses			94%	110%	114%	115%	114%	117%	115%	113%	108%	103%

Net OPEB Liability \$ 1,456,078
 Waste OPEB Allocation 47% \$ 684,357
 Solid Waste OPEB Liability

Per TCSD email

Accrued Post-Retirement Medical Benefit Liability - R3 Projected 2023.

Gasby 45 Report

Subject to revision after 2022 Annual Report figures are available.

Net OPEB Liability 10-Year Estimate of Costs	\$1,402,011	\$1,412,835	\$1,421,751	\$1,442,108	\$1,459,127	\$1,471,897	\$1,484,731	\$1,492,585	\$1,492,310	\$1,481,429
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Jurisdiction	County	Effective Date	Residential Single Family						Commercial					
			20 Gal.	30-35 Gal.	60-64 Gal.	90-96 Gal.	1 YD Bin 1x/Week	1 YD Bin 3x/Week	1 YD Bin 1x/Week	3 YD Bin 3x/Week	1 YD Bin 1x/Week	3 YD Bin 3x/Week	1 YD Bin 1x/Week	3 YD Bin 3x/Week
City of Alameda	Alameda	7/1/2022	\$ 37.49	\$ 47.33	\$ 77.76	\$ 108.61	\$ 180.29	\$ 551.67	\$ 540.86	\$ 1,654.99	\$ 540.86	\$ 1,654.99	\$ 540.86	\$ 1,654.99
City of Albany	Alameda	5/1/2022	\$ 42.18	\$ 47.23	\$ 81.63	\$ 116.00	\$ 188.16	\$ 564.48	\$ 564.48	\$ 1,693.44	\$ 564.48	\$ 1,693.44	\$ 564.48	\$ 1,693.44
City of Berkeley	Alameda	7/1/2021	\$ 27.30	\$ 43.66	\$ 87.28	\$ 130.87	\$ 173.77	\$ 489.63	\$ 480.92	\$ 1,428.48	\$ 480.92	\$ 1,428.48	\$ 480.92	\$ 1,428.48
City of Dublin	Alameda	7/1/2022	N/A	\$ 38.39	\$ 70.52	\$ 102.65	\$ 196.81	\$ 688.37	\$ 590.43	\$ 1,869.23	\$ 590.43	\$ 1,869.23	\$ 590.43	\$ 1,869.23
City of Emeryville	Alameda	1/1/2022	\$ 13.87	\$ 22.97	\$ 45.93	\$ 68.88	\$ 136.77	\$ 410.31	\$ 410.31	\$ 1,230.93	\$ 410.31	\$ 1,230.93	\$ 410.31	\$ 1,230.93
City of Fremont	Alameda	1/1/2022	\$ 41.39	\$ 42.23	\$ 46.02	\$ 66.44	\$ 109.70	\$ 246.39	\$ 315.32	\$ 725.40	\$ 315.32	\$ 725.40	\$ 315.32	\$ 725.40
City of Livermore	Alameda	7/1/2022	\$ 38.09	\$ 57.39	\$ 94.50	\$ 148.03	\$ 119.07	\$ 371.48	\$ 357.20	\$ 1,138.04	\$ 357.20	\$ 1,138.04	\$ 357.20	\$ 1,138.04
City of Newark	Alameda	1/1/2022	\$ 33.14	\$ 36.83	\$ 65.23	\$ 93.62	\$ 149.25	\$ 465.66	\$ 394.85	\$ 1,076.80	\$ 394.85	\$ 1,076.80	\$ 394.85	\$ 1,076.80
City of Oakland	Alameda	7/1/2022	\$ 38.36	\$ 52.46	\$ 113.45	\$ 174.29	\$ 266.31	\$ 798.87	\$ 634.21	\$ 1,902.55	\$ 634.21	\$ 1,902.55	\$ 634.21	\$ 1,902.55
City of Piedmont	Alameda	7/1/2022	\$ 91.12	\$ 95.56	\$ 133.01	\$ 148.95	\$ 238.22	\$ 714.65	N/A	N/A	N/A	N/A	N/A	N/A
City of Pleasanton	Alameda	7/1/2022	N/A	\$ 29.18	N/A	\$ 50.91	\$ 130.65	\$ 414.75	\$ 391.94	\$ 1,221.40	\$ 391.94	\$ 1,221.40	\$ 391.94	\$ 1,221.40
City of San Leandro	Alameda	7/1/2022	\$ 28.84	\$ 35.93	\$ 59.81	\$ 83.66	\$ 157.55	\$ 476.34	\$ 160.46	\$ 1,429.02	\$ 160.46	\$ 1,429.02	\$ 160.46	\$ 1,429.02
City of Union City	Alameda	7/1/2022	\$ 32.45	\$ 40.57	\$ 81.21	\$ 121.77	\$ 168.57	\$ 465.58	\$ 441.73	\$ 1,203.84	\$ 441.73	\$ 1,203.84	\$ 441.73	\$ 1,203.84
Castro Valley Sanitary District	Alameda	7/1/2022	\$ 32.49	\$ 50.37	\$ 87.48	\$ 124.57	\$ 358.03	\$ 1,074.25	\$ 952.56	\$ 2,669.31	\$ 952.56	\$ 2,669.31	\$ 952.56	\$ 2,669.31
Oro Loma Sanitary District (L1)	Alameda	9/1/2021	N/A	\$ 23.15	\$ 46.65	\$ 69.95	\$ 130.61	\$ 339.49	\$ 347.89	\$ 974.53	\$ 347.89	\$ 974.53	\$ 347.89	\$ 974.53
Oro Loma Sanitary District (L2)	Alameda	9/1/2021	N/A	\$ 23.15	\$ 46.65	\$ 69.95	\$ 130.61	\$ 339.49	\$ 347.89	\$ 974.53	\$ 347.89	\$ 974.53	\$ 347.89	\$ 974.53
Oro Loma Sanitary District (L3)	Alameda	9/1/2021	N/A	\$ 26.98	\$ 53.97	\$ 80.69	\$ 151.12	\$ 392.82	\$ 402.55	\$ 1,127.65	\$ 402.55	\$ 1,127.65	\$ 402.55	\$ 1,127.65
City of Richmond	Contra Costa	1/1/2022	\$ 36.92	\$ 45.20	\$ 85.29	\$ 126.59	\$ 293.98	\$ 747.19	\$ 672.96	\$ 1,845.59	\$ 672.96	\$ 1,845.59	\$ 672.96	\$ 1,845.59
City of San Pablo	Contra Costa	1/1/2022	\$ 29.72	\$ 36.86	\$ 71.32	\$ 106.91	\$ 273.81	\$ 694.68	\$ 635.79	\$ 1,744.29	\$ 635.79	\$ 1,744.29	\$ 635.79	\$ 1,744.29
City of El Cerrito	Contra Costa	1/1/2022	\$ 45.97	\$ 60.13	\$ 119.40	N/A	\$ 419.99	\$ 1,195.74	N/A	N/A	N/A	N/A	N/A	N/A
City of Hercules	Contra Costa	1/1/2022	\$ 36.65	\$ 43.65	\$ 77.14	\$ 111.71	\$ 312.22	\$ 787.09	\$ 717.05	\$ 1,958.90	\$ 717.05	\$ 1,958.90	\$ 717.05	\$ 1,958.90
City of Pinole	Contra Costa	1/1/2022	\$ 33.52	\$ 40.63	\$ 72.47	\$ 105.43	\$ 296.74	\$ 756.20	\$ 693.81	\$ 1,908.64	\$ 693.81	\$ 1,908.64	\$ 693.81	\$ 1,908.64
Unincorporated West Contra Costa	Contra Costa	1/1/2022	\$ 32.30	\$ 40.11	\$ 76.69	\$ 114.30	\$ 265.25	\$ 671.65	\$ 601.97	\$ 1,645.84	\$ 601.97	\$ 1,645.84	\$ 601.97	\$ 1,645.84
City of Belvedere	Marin	7/1/2022	\$ 51.06	\$ 63.10	\$ 107.06	\$ 151.03	\$ 270.81	\$ 748.15	N/A	N/A	N/A	N/A	N/A	N/A
Novato Sanitary District	Marin	1/1/2022	\$ 15.76	\$ 25.20	\$ 50.35	\$ 75.76	N/A	N/A	\$ 328.22	\$ 814.42	\$ 328.22	\$ 814.42	\$ 328.22	\$ 814.42
West Marin ¹	Marin	5/1/2022	\$ 31.91	\$ 48.40	\$ 90.76	\$ 145.08	\$ 368.23	\$ 718.53	\$ 552.36	\$ 1,252.96	\$ 552.36	\$ 1,252.96	\$ 552.36	\$ 1,252.96
City of Sausalito	Marin	7/1/2022	N/A	\$ 47.75	\$ 95.50	\$ 143.25	\$ 220.78	N/A	\$ 662.35	N/A	\$ 662.35	N/A	\$ 662.35	N/A
Tamapais Corn. Service Dist. ¹	Marin	7/1/2022	N/A	\$ 76.70	\$ 115.80	\$ 157.11	\$ 508.13	\$ 1,524.40	N/A	N/A	N/A	N/A	N/A	N/A
Town of Tiburon	Marin	7/1/2021	\$ 54.29	\$ 61.59	\$ 94.17	\$ 135.92	\$ 248.32	\$ 677.47	N/A	N/A	N/A	N/A	N/A	N/A
Town of Corte Madera	Marin	7/1/2021	\$ 38.15	\$ 44.88	\$ 82.04	\$ 119.20	\$ 179.81	\$ 485.29	N/A	N/A	N/A	N/A	N/A	N/A
City of Mill Valley	Marin	7/1/2021	\$ 50.09	\$ 55.24	\$ 92.24	\$ 129.16	\$ 232.94	\$ 626.82	N/A	N/A	N/A	N/A	N/A	N/A
City of Fairfax	Marin	1/1/2023	\$ 39.72	\$ 47.61	\$ 95.26	\$ 142.87	\$ 280.01	\$ 663.21	\$ 656.44	\$ 1,718.30	\$ 656.44	\$ 1,718.30	\$ 656.44	\$ 1,718.30
Town of San Anselmo	Marin	1/1/2023	\$ 41.55	\$ 54.30	\$ 108.69	\$ 163.03	\$ 309.37	\$ 618.68	\$ 891.15	\$ 2,673.63	\$ 891.15	\$ 2,673.63	\$ 891.15	\$ 2,673.63
City of San Rafael	Marin	1/1/2023	\$ 42.48	\$ 49.97	\$ 99.94	\$ 149.91	\$ 322.56	\$ 651.31	\$ 617.30	\$ 1,752.23	\$ 617.30	\$ 1,752.23	\$ 617.30	\$ 1,752.23
Las Gallinas Valley Sanitary District	Marin	1/1/2023	\$ 37.35	\$ 43.93	\$ 87.86	\$ 131.79	\$ 314.50	\$ 944.37	\$ 636.43	\$ 1,776.30	\$ 636.43	\$ 1,776.30	\$ 636.43	\$ 1,776.30
City of Larkspur	Marin	1/1/2023	\$ 45.97	\$ 54.04	\$ 108.08	\$ 162.12	\$ 343.17	\$ 1,029.13	\$ 689.15	\$ 1,807.03	\$ 689.15	\$ 1,807.03	\$ 689.15	\$ 1,807.03
Town of Ross	Marin	1/1/2023	\$ 39.22	\$ 46.16	\$ 92.32	\$ 138.48	\$ 231.20	\$ 400.46	\$ 592.59	\$ 1,777.59	\$ 592.59	\$ 1,777.59	\$ 592.59	\$ 1,777.59
County of Marin	Marin	1/1/2023	\$ 33.36	\$ 54.50	\$ 111.64	\$ 172.89	\$ 393.70	\$ 1,181.27	\$ 630.21	\$ 1,890.65	\$ 630.21	\$ 1,890.65	\$ 630.21	\$ 1,890.65
City of Campbell ¹	Santa Clara	6/1/2022	\$ 32.92	\$ 40.71	\$ 73.67	\$ 106.63	NA	NA	\$ 375.65	\$ 1,137.73	NA	\$ 375.65	\$ 1,137.73	
City of Cupertino ¹	Santa Clara	2/1/2022	\$ 24.47	\$ 36.66	\$ 70.56	\$ 104.45	NA	NA	\$ 301.94	\$ 905.81	NA	\$ 301.94	\$ 905.81	
City of Los Altos	Santa Clara	7/1/2022	\$ 42.45	\$ 45.73	\$ 91.43	\$ 137.17	\$ 179.37	\$ 538.15	\$ 538.14	\$ 1,614.47	\$ 538.14	\$ 1,614.47	\$ 538.14	\$ 1,614.47
City of Milpitas	Santa Clara	8/1/2022	\$ 34.76	\$ 37.78	\$ 51.04	NA	\$ 125.37	\$ 308.74	\$ 284.73	\$ 806.02	\$ 284.73	\$ 806.02	\$ 284.73	\$ 806.02
City of Monte Sereno ¹	Santa Clara	6/1/2022	\$ 36.71	\$ 45.58	\$ 83.09	\$ 120.61	NA	NA	\$ 498.92	\$ 1,511.21	NA	\$ 498.92	\$ 1,511.21	
City of Mountain View	Santa Clara	7/1/2022	\$ 27.00	\$ 39.35	\$ 78.70	\$ 118.05	\$ 113.50	\$ 385.35	\$ 339.80	\$ 1,064.90	\$ 339.80	\$ 1,064.90	\$ 339.80	\$ 1,064.90
City of Palo Alto	Santa Clara	7/1/2017	\$ 27.81	\$ 50.07	\$ 100.15	\$ 150.22	\$ 219.49	\$ 590.31	\$ 504.40	\$ 1,455.48	\$ 504.40	\$ 1,455.48	\$ 504.40	\$ 1,455.48
City of San Jose	Santa Clara	7/1/2022	N/A	\$ 49.43	\$ 98.86	\$ 148.29	\$ 146.55	\$ 384.39	\$ 297.80	\$ 813.73	\$ 297.80	\$ 813.73	\$ 297.80	\$ 813.73
City of Santa Clara	Santa Clara	7/1/2022	\$ 38.88	\$ 46.18	\$ 68.61	\$ 90.90	\$ 155.53	\$ 458.72	\$ 398.92	\$ 1,165.04	\$ 398.92	\$ 1,165.04	\$ 398.92	\$ 1,165.04
City of Sunnyvale	Santa Clara	7/1/2022	NA	NA	\$ 49.49	\$ 63.49	\$ 181.54	\$ 544.62	\$ 454.43	\$ 1,363.28	\$ 454.43	\$ 1,363.28	\$ 454.43	\$ 1,363.28
City of Saratoga ¹	Santa Clara	6/1/2022	\$ 35.47	\$ 43.97	\$ 79.96	\$ 115.94	NA	NA	\$ 536.00	\$ 1,624.25	NA	\$ 536.00	\$ 1,624.25	
Town of Los Altos Hills	Santa Clara	7/1/2022	\$ 39.01	\$ 54.37	\$ 108.79	\$ 163.13	\$ 136.90	\$ 288.35	\$ 214.25	\$ 501.01	\$ 214.25	\$ 501.01	\$ 214.25	\$ 501.01
Town of Los Gatos ¹	Santa Clara	6/1/2022	\$ 35.17	\$ 43.76	\$ 79.71	\$ 115.66	NA	NA	\$ 466.89	\$ 1,414.38	NA	\$ 466.89	\$ 1,414.38	
Marin Sanitary Service Agencies Average			\$ 39.95	\$ 50.07	\$ 100.54	\$ 151.58	\$ 313.50	\$ 784.06	\$ 673.32	\$ 1,913.68	\$ 673.32	\$ 1,913.68	\$ 673.32	\$ 1,913.68
Marin County Average without MSS			\$ 40.21	\$ 52.86	\$ 90.99	\$ 132.06	\$ 289.86	\$ 796.78	\$ 514.31	\$ 1,033.69	\$ 514.31	\$ 1,033.69	\$ 514.31	\$ 1,033.69
Marin County - All			\$ 40.07	\$ 51.56	\$ 95.45	\$ 141.17	\$ 301.68	\$ 789.93	\$ 625.62	\$ 1,718.12	\$ 625.62	\$ 1,718.12	\$ 625.62	\$ 1,718.12
All City Average			\$ 37.32	\$ 45.74	\$ 83.18	\$ 119.94	\$ 229.54	\$ 623.28	\$ 502.80	\$ 1,448.00	\$ 502.80	\$ 1,448.00	\$ 502.80	\$ 1,448.00

¹ CY not available, reflected here for 1.5 CY