

Moraga-Orinda Fire District

TO: Board of Directors

FROM: Gloriann Sasser, Administrative Services Director

DATE: November 16, 2022

SUBJECT: Item 6.1 Long Range Financial Forecast November 2022

BACKGROUND

At the October 2022 Board meeting, the Board directed staff to update the Long Range Financial Forecast (Forecast) based on what could happen with the economy. The last update to the Forecast was in April 2022. Due to 2022 economic conditions including inflation, rising interest rates and stock market declines, three scenarios have been prepared (see attachments):

- A Same assumptions as April 2022 forecast
- B One year decline
 - CCCERA investment return -22% in 2022
 - PARS District portfolio investment return -20% in FY22/23
 - Property tax revenue growth +2% in FY23/24
 - Operating expenses increase 5% throughout
 - Construction cost estimates increase 20%
- o C Two year decline
 - CCCERA investment return -22% in 2022 and 2023
 - PARS District portfolio investment return -20% in FY22/23 and FY23/24
 - Property tax revenue growth +2% in FY23/24 and FY24/25
 - Operating expenses increase 5% throughout
 - Construction cost estimates increase 20%

The Forecast covers a forward-looking 10-year period. The Forecast uses several significant assumptions, which are explained below.

Property Tax Revenue

Property tax revenue for FY22/23 is based on actual results and the quarter one financial update. Property tax revenue for FY22/23 is projected to increase 4.94% or \$1.4M. The Property Tax Revenue California Consumer Price Index granted for all taxing entities in the State per Proposition 13 for 22/23 is 2.0%. This is an increase from the prior year index of 1.036%. The history of the Property Tax Revenue California Consumer Price Index is as follows:

Fiscal Year	Property Tax Revenue California Consumer Price Index
22/23	2.0%
21/22	1.036%
20/21	2.0%
19/20	2.0%
18/19	2.0%
17/18	2.0%

16/17	1.525%

Median sale prices of single-family homes in the District (both cities) increased 9.64% in 2020 over the previous calendar year, and those median prices increased an additional 13.03% in 2021. In the cities that make up the District there was an increase in the number of homes sold in 2021 by 162 transactions. This means that there was a 25.8% increase in the number of homes that sold in calendar year 2021 and these sales will impact 22/23 revenue. The properties that sold in 2021 added an increase of 80.0% to the market value when compared to the value of the property on the tax roll before the sale transaction. This increase in the tax roll values will result in increased property tax revenue to the District.

HdL property tax revenue projections for the District are as follows:

23/24	5.22%
24/25	5.10%
25/26	5.13%
26/27	5.12%

The Forecast uses the following property tax revenue projections:

- A and B: 2% in FY23/24, then 3.5% throughout the remaining years
- C: 2% in FY23/24 and 24/25, then 3.5% throughout

Other General Fund Revenues - Same assumptions in all scenarios

Ambulance fees – Projected to increase 1.5%

Strike team revenue (net of overtime costs) – FY23/24 is projected at \$300,000, then increase 3% throughout

Other revenue (fuel break administrative fee) – The administrative fee for the Tunnel East Bay Hills Fuel Break is projected to be received in the General Fund in FY24/25 (\$683,632.)

General Fund Expenditures

Regular salaries – +5% effective July 1, 2023 per the MOUs, then +3% throughout in all scenarios Overtime – +5% effective July 1, 2023 per the MOUs, then +3% throughout in all scenarios Benefits – +3% throughout in all scenarios

Retiree health insurance – Capped per the MOUs, no increases in all scenarios Operating expenses – Budget for FY22/23, then increase +5% throughout in all scenarios

Pension Costs

There are several significant items to note related to administration of the District's pension benefits at the Contra Costa County Employees' Retirement Association (CCCERA):

- The CCCERA Board decreased the discount rate/assumed rate of return from 7.00% to 6.75% effective with the December 31, 2021 valuation. This resulted in an increase to the District's pension rates beginning in FY23/24.
- The most recent CCCERA actuarial valuation as of 12/31/2021 was calculated using a 6.75% investment earnings assumption in all future years including 2022.
- Actual year-to-date CCCERA investment returns for the period January 1, 2022 through June 30, 2022 is -10.8%.
- Based on the 12/31/2021 actuarial valuation, Segal projected the District's Safety cost group will reach full funding as of the 12/31/2026 actuarial valuation (FY28/29 rates.) However, Segal noted that this projection was based on plan assets as of 12/31/2021 and that market conditions have changed significantly since 12/31/2021.
- The 12/31/2021 actuarial valuation included the impact of a recent change in benefit amount for one District retiree due to resolved litigation between the retiree and CCCERA.
- CCCERA set the District's pension rates for FY23/24 based on the 12/31/2021 actuarial valuation. The District's Safety pension rates increased 10% primarily due to the discount rate decrease from 7.00% to 6.75%. The actual rates set by CCCERA for FY23/24 have been used in all scenarios.

• For Scenario A: Five-year projections were provided by Segal, CCCERA's actuary, in October 2022 based on CCCERA investment returns through December 31, 2021 (+13.9%) as follows:

FY2023	Actual rates set by the CCCERA board of directors (70.35% for Safety Classic and 59.63% for Safety PEPRA)
FY2024	Actual rates set by the CCCERA board of directors (80.80% for Safety Classic and 69.94% for Safety PEPRA)
FY2025	+1.19%
FY2026	-4.18%
FY2027	-3.74%
FY2028	-4.08%
FY2029	-40.27%
FY2029 forward	No projections are provided by CCCERA. The remaining years use calculations provided by GovInvest software.

- Scenario B: Projections provided using GovInvest software with -22% assumed investment return in 2022
- Scenario C: Projections provided using GovInvest software with -22% assumed investment return in 2022 and 2023

OPEB Funding

Actual quarter-to-date investment return for the District's OPEB trust fund with PARS for the period July 1, 2022 through September 30, 2022 is -4.95%.

- Scenario A: OPEB contributions are based on actuarial calculations used in the GASB 75 OPEB Valuation Report as of June 30, 2022 which was calculated using a discount rate of 6.25% and 15year closed amortization period.
- Scenario B: OPEB contributions calculated using GovInvest software with a forecast of -20% PARS investment return in FY2023.
- Scenario C: OPEB contributions calculated using GovInvest software with a forecast of -20% PARS investment return in FY2023 and 2024.

Pension Rate Stabilization Trust Fund Contributions

The most recent investment returns released by CCCERA are -10.8% net of fees for the six month period January 1, 2022 through June 30, 2022.

- Scenario A: Pension trust contributions are based on GovInvest software calculations using a
 discount rate of 6.25%, salary increases of 4% effective July 1, 2022 and 5% effective July 1,
 2023, 2021 investment earnings of +13.9% and investment earnings of 6.25% throughout the
 remaining years.
- Scenario B: Pension trust contributions are based on GovInvest software calculations using a
 discount rate of 6.25%, salary increases of 4% effective July 1, 2022 and 5% effective July 1,
 2023, 2021 investment earnings of +13.9%, 2022 CCCERA investment loss -22%, and 6.25%
 throughout the remaining years.
- Scenario C: Pension trust contributions are based on GovInvest software calculations using a discount rate of 6.25%, salary increases of 4% effective July 1, 2022 and 5% effective July 1, 2023, 2021 investment earnings of 13.9%, 2022 and 2023 CCCERA investment loss of -22%, and 6.25% throughout the remaining years.

Capital Projects Fund

The Long Range Financial Forecast - Capital Expenditures (Attachments B and C), have been updated to reflect a projected construction cost increase of 20%. Major expenses include:

Rebuild Fire Station 41/Administration as follows:

FY2023 \$1,000,000 included

in Budget

FY2024 \$4,800,000 (+20%) FY2025 \$4,800,000 (+20%)

Remodel of Fire Station 45 as follows:

FY2026 \$618,000 (+20%)

FY2027 \$2,472,000 (+20%)

The pension obligation bonds were paid-in-full effective July 1, 2022. The District has one outstanding debt issue that paid for the construction of Fire Station 43 with an annual debt service payment of \$322K. The Forecast includes a transfer of money that was previously used to pay for the pension obligation bonds from the General Fund to the Capital Projects Fund to pay for the construction of Fire Station 41/Administration and to pay for the remodel of Fire Station 45. This would allow the District to pay cash for the two projects.

Transfers from the General Fund to the Capital Projects Fund in all scenarios are as follow:

FY2023 \$3,100,000 FY2024 and 2025 \$3,000,000 FY2026 and 2027 \$2,000,000

FY2028 ongoing \$1,100,000

Fund Balance Policy and Fund Balance Goal

The District's Fund Balance Policy states the District will maintain a minimum unrestricted fund balance in the General Fund of at least 17% of budgeted General Fund revenue at fiscal year-end with a goal of achieving a 50% year-end General Fund balance in the long term. Results are as follows:

Scenario A: 46% to 131% Scenario B: 32% to 50%

Scenario C: -17% (less than minimum) to 47%

Growth of Reserves

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	Unrestricted Reserves	General Fund Unrestricted Reserves as a Percentage of Budgeted Revenue	OPEB Trust Fund	Pension Stabilization Trust Fund
2016	\$9,753,441	19%	\$176,437	\$0
2017	\$11,485,547	23%	\$472,933	\$304,836
2018	\$12,319,249	28%	\$882,129	\$700,449
2019	\$12,846,486	31%	\$1,358,338	\$1,879,809
2020	\$13,960,991	38%	\$1,999,673	\$3,022,693
2021	\$16,887,812	43%	\$2,948,603	\$5,582,483
2022	\$19,618,860	49.68%	\$2,798,054	\$6,845,315

Long Range Financial Forecast Results

Scenario A: The Forecast shows a deficit in the General Fund in FY2024, then a surplus in the General Fund with revenue exceeding expenditures (including OPEB and pension trust contributions) in all years. The Forecast shows a Capital Projects Fund deficit in four years with sufficient fund balance to fund the Capital Projects Fund deficits.

Scenario B: The Forecast shows a deficit in the General Fund in six of the years and a surplus in four of the years. The Forecast shows a Capital Projects Fund deficit in four years with sufficient fund balance to fund the Capital Projects Fund deficits.

Scenario C: The Forecast shows a deficit in the General Fund in every year, with insufficient reserves to maintain the expenditures in the last four years. Spending reductions would be required.

Summary of Unfunded Liabilities

The section titled Summary of Unfunded Liabilities includes projections of the District's unfunded pension liabilities calculated using the GovInvest software presenting both CCCERA's actuarial assumptions and the District's actuarial assumptions. It also includes projections of the District's OPEB unfunded liabilities based on the District's OPEB actuarial assumptions and planned trust contributions.

Conclusion

Significant uncertainty exists within the United States and global economies. District costs will be effected by stock market performance and inflation. Rising mortgage interest rates could negatively effect the sale prices of residential real estate and property taxes within the District. Staff will continue to carefully monitor the District's finances. Staff requests Board direction regarding the Long Range Financial Forecast.

RECOMMENDATION

Staff Recommendation: 1) Discuss; 2) Deliberate; 3) Provide direction to Staff.

ATTACHMENT

Scenario A.pdf Scenario B.pdf Scenario C.pdf Capital and Apparatus.pdf

Moraga-Orinda Fire Protection District Long Range Financial Forecast

A - Same Assumptions as Prior Long Range Finanical Forecast November 2022

			ACTUAL 20/21						PROJ 26/27					PROJ 31/32	ASSM	ASSM	ASSM	ASSM	ASSM	ASSM
	TOTAL REVENUE TOTAL EXPENDITURES	29,957,006 28,599,708	33,428,581	33,765,895	34,142,556 33,649,946	34,438,745	36,247,495 37,214,883	36,727,603 33.902.115	37,931,309 35,339,941	39,176,367	40,464,215 35,492,726	41,796,340 33.082.240	43,174,281 32,462,747	44,599,631 31,842,955						
3	GENERAL FUND BALANCE UNASSIGNED, BEGINNING	7,828,854		11,964,650	15,105,887		15,424,006	16,231,701	18,189,937	20,841,101	25,163,077	30,311,063	37,624,096	46,532,415	22/23	23/24	24/25	25/26	26/27	27/28 - 31/32
	CASH AND LAIF BALANCE DECEMBER 15 (MINIMUM CASH)	(1,767,000)	(400,000)	851,000	3,582,047	6,123,269	4,466,471	2,815,451	5,640,939	8,232,307	14,274,121	19,245,610	27,959,709	38,671,243						
	CASH AND LAIF BALANCE DECEMBER 31 GENERAL FUND REVENUES	8,930,000	9,900,000	12,828,000	15,559,047	18,100,269	16,443,471	14,792,451	17,617,939	20,209,307	26,251,121	31,222,610	39,936,709	50,648,243						
	PROPERTY AD VALOREM TAX	22,364,559	23,430,278	27,199,989	30,358,891	30,966,069	32,049,881	33,171,627	34,332,634	35,534,276	36,777,976	38,065,205	39,397,487	40,776,399	4.94%	2.00%	3.50%	3.50%	3.50%	3.50%
9	USE OF MONEY & PROPERTY	172,977	28,560	39,559	30,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	-24.16%	0.00%	0.00%	0.00%	0.00%	0.00%
10	NTERGOVERNMENTAL REVENUE	235,278	468,048	496,532	348,720	233,148	235,479	237,834	240,213	242,615	245,041	247,491	249,966	252,466	-29.77%	1.00%	1.00%	1.00%	1.00%	1.00%
11	CHARGES FOR SERVICES/OTHER	274,611 1,353,072	343,071 1,280,442	264,849 1 843 739	211,414 1,588,080	213,528 1,611,901	215,663 1,636,080	217,820 1,660,621	219,998 1,685,530	222,198 1,710,813	224,420 1,736,475	226,664 1,762,523	228,931 1,788,960	231,220 1 815 795	-20.18% -13.87%	1.00%	1.00%	1.00%	1.00%	1.00%
13	STRIKE TEAM REVENUE (Net of Overtime Costs)	161.175	1,260,442	848.437	70.000	300.000	309.000	318.270	327.818	337.653	347.782	358.216	368.962	380.031	-91.75%	3.00%	3.00%	3.00%	3.00%	3.00%
	OTHER REVENUE (FEDERAL GRANTS)/FUEL BREAK ADMIN FEE	458,045	488,040	47,145	5,750	0	683,632	0	0	0	0	0	0	0	-87.80%	NA	NA	NA	NA	NA
15	TOTAL GENERAL FUND REVENUES	25,019,717	27,879,915	30,740,250	32,612,855	33,329,646	35,134,736	35,611,172	36,811,193	38,052,555	39,336,695	40,665,099	42,039,307	43,460,911						
16	GENERAL FUND EXPENDITURES****** SALARIES - SAFETY	9,491,012	8,641,289	9,058,484	9,538,609	10,015,539	10,316,006	10,625,486	10,944,250	11,272,578	11,610,755	11,959,078	12,317,850	12,687,386	5.30%	5.00%	3.00%	3.00%	3.00%	3.00%
18	SALARIES - SALETY	5,451,012	1,085,000	1,175,174	1,252,679	1,315,313	1,354,772	1,395,416	1,437,278	1,480,396	1,524,808	1,570,552	1,617,669	1,666,199	6.60%	5.00%	3.00%	3.00%	3.00%	3.00%
	SALARIES - OTHER NONBENEFITTED		238,369	338,256	135,673	142,457	146,730	151,132	155,666	160,336	165,146	170,101	175,204	180,460	-59.89%	5.00%	3.00%	3.00%	3.00%	3.00%
20	OVERTIME (Excluding Strike Team) BENEFITS	1,367,427	1,922,002 2,604,655	2,634,718 2,734,763	2,293,680 2,954,284	2,408,364 3,042,913	2,480,615 3,134,200	2,555,033 3,228,226	2,631,684 3,325,073	2,710,635 3,424,825	2,791,954 3,527,570	2,875,713 3,633,397	2,961,984 3,742,399	3,050,843	-12.94% 8.03%	5.00%	3.00%	3.00%	3.00%	3.00%
22	RETIREE HEALTH INSURANCE	874.316	854.258	826.784	814.260	814.260	814.260	814.260	814.260	814,260	814.260	814.260	814,260	814.260	-1.51%	0.00%	0.00%	0.00%	0.00%	0.00%
23	OPERATING EXPENSES	2,648,750	2,693,328	2,864,458	3,441,849	3,545,104	3,651,458	3,761,001	3,873,831	3,990,046	4,109,748	4,233,040	4,360,031	4,490,832	20.16%	3.00%	3.00%	3.00%	3.00%	3.00%
24	RESIDENTIAL FUELS MITIGATION AND HOME HARDENING GRANT PROGRAM				500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500K	0.00%	0.00%	0.00%	0.00%	0.00%
25 26	CCCERA EMPLOYER PAYMENT SAFETY - NORMAL COST***** CCCERA EMPLOYER PAYMENT SAFETY - UAAL PAYMENT*****	2,013,742 3,020,612	2,072,000 3,528,000	2,001,392 3,084,557	2,089,372 3,337,568	2,570,297 4,193,643	2,694,055 4,395,564	2,606,102 4,252,061	2,528,745 4,125,847	2,429,837 3,964,471	1,910,487	2,433,912	2,095,295	2,158,990			CCERA****			CCERA/GovInv
27	CCCERA EMPLOYER PAYMENT NONSAFETY - NORMAL COST	0,020,012	5,020,000	111,307	156,000	172,692	128,065	164,361	169,292	174,371	179,602	184,990	190,540	196,256			CCCE	ERA*****		
28	CCCERA EMPLOYER PAYMENT NONSAFETY - UAAL PAYMENT			102,744	144,000	159,408	118,214										CCCE			
29 30	OPEB FUNDING (INTO TRUST) PENSION RATE STABILIZATION (INTO TRUST)	559,108 1.023.850	331,633 1,562,792	303,906 2,362,470	366,640 2.108.577	543,000 968.202	610,997 982,104	657,063 942,796	689,220 964,882	728,583 980,239	762,624 5.191,754	816,699 3,060,326	875,315 2.380.441	894,301 1,143,540	Actuary GovInvest	Actuary	Actuary	Actuary	Actuary	Actuary GovInvest
	PENSION RATE STABILIZATION (INTO TRUST) TOTAL GENERAL FUND EXPENDITURES	1,023,850	1,562,792 25.533.326	2,362,470	2,108,577	968,202 30,391,191	982,104	942,796	964,882 32.160.029	980,239 32.630.579	5,191,754	3,060,326	2,380,441	1,143,540 31,637,738	Govinvest	Govinves	Govinvest	Govinves	COVINVEST	Govinvest
32	FRANSFER OUT TO CAPITAL FUND				(3,100,000)	(3,000,000)	(3,000,000)	(2,000,000)	(2,000,000)	(1,100,000)	(1,100,000)	(1,100,000)	(1,100,000)	(1,100,000)						
33	ANNUAL GENERAL FUND SURPLUS (DEFICIT)	1,789,207	2,346,589	3,141,237	379,664	(61,545)	807,695	1,958,236	2,651,164	4,321,976	5,147,986	7,313,032	8,908,319	10,723,174						
	GENERAL FUND BALANCE UNASSIGNED, END UNRESTRICTED FUND BAL AS PERCENT OF GENERAL FUND REVENUE	9,618,061 38.44%	11,964,650 42.91%	15,105,887 49.14%	15,485,551 47.48%	15,424,006 46.28%	16,231,701 46.20%	18,189,937 51.08%	20,841,101 56.62%	25,163,077 66.13%	30,311,063 77.06%	37,624,096 92.52%	46,532,415 110.69%	57,255,588 131.74%						
36	DIRECTRICIED FORD BAL AS PERCENT OF GENERAL FORD REVENUE	30.44 /6	42.51/6	49.1476	47.40 /0	40.20 /6	40.20 /6	31.00%	30.02 /6	00.1378	77.00%	32.32 N	110.03 /6	131.7476						
37	CAPITAL FUND BALANCE, BEGINNING OF YEAR	5,017,632	4,342,930	4,923,162	4,495,400	6,296,958	4,395,645	2,620,562	3,487,814	3,428,018	5,147,856	4,971,358	6,372,426	8,175,640	22/23	23/24	24/25	25/26	26/27	27/28 - 31/32
38	CAPITAL FUND REVENUES - FIRE FLOW TAX	1,227,886	1,663,855	1,294,270	1,529,701 2,506,573	1,109,099 5,689,577	1,112,759 5.566.860	1,116,431	1,120,115	1,123,812 182,332	1,127,520	1,131,241 508.436	1,134,974	1,138,720	0.33% NA	0.33% NA	0.33%	0.33% NA	0.33% NA	0.33%
	CAPITAL EXPENDITURES TRANSFER IN FROM GENERAL FUND - PRIOR POB MONEY	891,041	160,809	799,608	3,100,000	3,000,000	3.000.000	2,000,000	2,859,022	1 100 000	1 100 000	1.100.000	1 100 000	1 100 000	NA NA	NA.	NA	NA	NA.	NA
41	TRANSFER OUT TO DEBT SERVICE FUND - FIRE FLOW TAX	(1,011,547)	(922,814)	(922,424)	(321,570)	(320,835)	(320,982)	(321,001)	(320,890)	(321,641)	(321,264)	(321,737)	(321,071)	0						
42	ANNUAL CAPITAL FUND SURPLUS (DEFICIT)	(674,702)	580,232	(427,762)	1,801,558	(1,901,313)	(1,775,083)	867,252	(59,796)	1,719,838	(176,498)	1,401,068	1,803,215	2,033,503	NA	NA	NA	NA	NA	NA
43	CAPITAL FUND BALANCE, END OF YEAR	4,342,930	4,923,162	4,495,400	6,296,958	4,395,645	2,620,562	3,487,814	3,428,018	5,147,856	4,971,358	6,372,426	8,175,640	10,209,143	NA	NA	NA	NA	NA	NA
	DEBT SERVICE FUND BALANCE, BEGINNING	3,244,815	3,487,608	3,747,327	1,688,612	0	0	0	0	0	0	0	0	0						
46	PROPERTY AD VALOREM TAX	3,709,403	3,884,811	1,731,375	0	0	0	0	0	0	0	0	0	0	NA	NA	NA	NA	NA	NA
47	DEBT SERVICE FUND EXPENDITURES - PENSION OBLIGATION BONDS DEBT SERVICE FUND EXPENDITURES - OTHER DEBT/STATION 43	3,466,609 1,011,548	3,624,527	3,790,090 922,424	1,688,612 321.570	0 320,835	320,982	321.001	320,890	321.641	321.264	0 321.737	321.071	0						
	TRANSFER IN FROM CAPITAL FUND - FIRE FLOW TAX	1,011,546	923,379 922 814	922,424	321,570	320,635	320,962	321,001	320,890	321,641	321,264	321,737	321,071	0						-
	DEBT SERVICE FUND BALANCE, END OF YEAR	3,487,608	3,747,327	1,688,612	0	0	0	0	0	0	0	0	0	0	NA	NA	NA	NA	NA	NA
51																				
52	TUNNEL EAST BAY HILLS FUEL BREAK FUND BALANCE, BEGINNING REVENUE - STATE AID			164.002	17,572 3.360.000	377,572 2.856.561	683,632													
54	EXPENDITURES - FUEL BREAK			146,430	3,000,000	2,550,501														
55	FRANSFER OUT TO GENERAL FUND						(683,632)													
56	TUNNEL EAST BAY HILLS FUEL BREAK FUND BALANCE, END OF YEAR			17,572	377,572	683,632	0													
58	COMBINED UNRESTRICTED FUND BALANCE, BEGINNING OF YEAR	12,846,486	13,960,991	16,887,812	19,601,287	21,782,509	19,819,651	18,852,263	21,677,751	24,269,119	30,310,933	35,282,422	43,996,521	54,708,055	NA	NA	NA	NA	NA	NA
	TOTAL UNRESTRICTED REVENUES		29,543,770			34,438,745								44,599,631	NA	NA	NA	NA	NA	NA
60 61	TOTAL UNRESTRICTED EXPENDITURES COMBINED UNRESTRICTED FUND BALANCE, END OF YEAR	25,133,098	26,616,949	29,321,045	31,961,334	36,401,603	37,214,883	33,902,115	35,339,941	33,134,552	35,492,726	33,082,240 43,996,521	32,462,747 54,708,055	31,842,955 67,464,731	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
62	COMBINED UNRESTRICTED FUND BALANCE, END OF TEAR	13,960,991	10,007,012	19,001,287	21,/82,509	19,819,051	18,852,263	21,0//,/51	24,269,119	30,310,933	35,282,422	43,990,521	54,708,055	67,464,731	NA.	NA.	NA.	INA	NA.	NA.
63	STAFFING SUMMARY			77.10	78.10	78.10	78.10	78.10	78.10	78.10	78.10	78.10	78.10	78.10						
64	FIRE PREVENTION (Memo Figure)	615,318	945,554	1,209,036	1,667,780	1,717,813	1,769,348	1,822,428	1,877,101	1,933,414	1,991,417	2,051,159	2,112,694	2,176,075						
66	SUMMARY OF UNFUNDED LIABILITIES																			
67																				
68	CCCERA PROJECTED OBLIGATION SAFETY			5,477,701	5,426,940	6,763,940	7,089,619	6,858,162	6,654,592	6,394,309	1,910,487	2,433,912	2,095,295	2,158,990	6.75%		6.75%		6.75%	6.75%
	GOVINVEST PROJECTED OBLIGATION SAFETY DIFFERENCE - RECOMMENDED PENSION TRUST CONTRIBUTION			7,840,171 2.362,470	7,535,517	7,732,142	8,071,723 982 104	7,800,958 942,796	7,619,474 964.882	7,374,548	7,102,241 5,191,754	5,494,237 3,060,326	4,475,736 2.380.441	3,302,530	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%
71	TECOMINE TO LEGISTATION OF THE OTHER PROPERTY.			2,002,470	2,100,017	555,202	552,104	542,180	554,002	550,259	0,131,134	0,000,020	2,000,441	1,143,340						
	PENSION INFORMATION BASED ON CCCERA ASSUMPTIONS:**																			
	PENSION NET LIABILITY, BEGINNING CCCERA EMPLOYER PAYMENT - UAAL PAYMENT	34,418,805 3,020,612	30,442,370 3,528,000	27,898,621 3,084,557	33,824,857 3,337,568	29,793,164 4,193,643	21,433,499 4,395,564	12,995,953 4,252,061	8,076,346 4,125,847	3,964,471 3,964,471	0	0	0	0						
75	PENSION NET LIABILITY, ENDING	30,442,370	27,898,621	33,824,857	29,793,164		12,995,953	8,076,346	3,964,471	0,804,471	0	0	0	0			Go	vlnvest		
76																				
77 78	PENSION INFORMATION BASED ON DISTRICT ASSUMPTIONS:***	49.482.718	E0 774 470	E0 000 T00	47 400 405	40.070.400	20.052.000	00.407.074	40.044.750	7.004.070	4.040.700									\vdash
	PENSION NET LIABILITY, BEGINNING RECOMMENDED PENSION RATE STABILIZATION TRUST CONTRIBUTION*****	49,482,718 1.023.850	50,771,178 1.562,792	52,323,793 2.362,470	47,188,425 2.108,577	40,678,438 968.202	32,053,202 982,104	23,137,874 942,796	13,311,458 964.882	7,234,872 980,239	1,818,489 5,191,754	3.060.326	2.380.441	1.143.540						
80	PENSION TRUST EARNINGS****	131,869	1,019,121	(1,099,638)	559,618	655,107	757,433	863,697	977,983	1,100,372	1,493,630	1,778,252	2,038,170	2,237,027	6.25%		6.25%		6.25%	6.25%
	PENSION RATE STABILIZATION TRUST PROJECTED BAL	3,022,693	5,582,483	6,845,315	9,513,510	11,136,819	12,876,356	14,682,849	16,625,713	18,706,325	25,391,709	30,230,287	34,648,898	38,029,466	6.25%	6.25%	6.25%		6.25%	6.25%
82	PENSION NET LIABILITY, ENDING	50,771,178	52,323,793	47,188,425	40,678,438	32,053,202	23,137,874	13,311,458	7,234,872	1,818,489	0	0	0	0			Go	vInvest		
84	OPEB NET LIABILITY, BEGINNING	14,850,637	14,234,499	11,537,795	11,698,513	11,156,995	10,405,271	9,538,568	8,571,630	7,512,102	6,346,990	5,075,017	3,669,471	2,205,310						
85	OPEB TRUST CONTRIBUTION	559,108	331,633	303,906	366,640	543,000	610,997	657,063	689,220	728,583	762,624	816,699	875,315	894,301						
	DPEB TRUST EARNINGS****	91,212	630,935	(454,455)	174,878	208,723	255,706	309,875	370,309	436,529	509,349	588,847	588,847	676,693	6.25%	6.25%	6.25%		6.25%	6.25%
8/	OPEB TRUST PROJECTED BALANCE	1,999,673	2,948,603	2,798,054 11.698.513	3,339,572	4,091,296 10.405.271	4,957,999 9,538,568	5,924,937 8 571 630	6,984,465 7.512.102	8,149,577 6,346,990	9,421,550 5.075.017	10,827,096	12,291,257	13,862,252	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%
	OPEB NET LIABILITY, ENDING																			

Moraga-Orinda Fire Protection District

Long Range Financial Forecast

B - Investment return CCCERA -22% in 2022, Investment Return PARS -20% in FY2023, Property tax revenue 2% in FY2024, Operating Expenses +5% throughout November 2022

Second	ASSM A	SSM AS	AS	ASSM	ASSM	ASSM	PROJ 31/32	PROJ 30/31	PROJ 29/30	PROJ 28/29	PROJ 27/28	PROJ 26/27	PROJ 25/26	PROJ 24/25	PROJ 23/24	PROJ 22/23	ACTUAL 21/22	ACTUAL 20/21	ACTUAL 19/20	
The control of the							44,599,631	43,174,281	41,796,340	40,464,215	39,176,367	37,931,309	36,727,603	36,247,495	34,438,745	34,142,556	33,765,895	33,428,581	29,957,006	
Control of the Parker's Received Information Control 1,000	26/27 27/28	Eine n	25	24/25	22/24	22/22														
Section Sect	20/27 27/20	3/20 20	2.00	24/23	23/24	22/23												(400,000)	(1 767 000)	
Property of Victoria No. 1999 199			1															9,900,000	8,930,000	
The property 1928																				
The proposed control of the	3.50% 3.	50% 3.5	3.5	3.50%	2.00%															
Company of the Comp	0.00% 0. 1.00% 1.																			
Description Column Colum	1.00% 1.										222,198									
The property of the property	1.50% 1.	.50% 1.	1.5	1.50%	1.50%	-13.87%	1,815,795	1,788,960											1,353,072	
The content of the properties 19 19 19 19 19 19 19 1	3.00% 3.						380,031	368,962	358,216	347,782	337,653	327,818	318,270		300,000	70,000	848,437	1,841,476		
Description Company	NA I	NA I	N	NA	NA	-87.80%	0	0	0	0	0	0	0		0					
1		_	+				43,460,911	42,039,307	40,005,099	39,330,095	30,032,333	30,011,193	35,011,172	35,134,736	33,329,040	32,012,033	30,740,250	21,019,915	25,019,717	
Description 1,000	3.00% 3.	.00% 3./	3.0	3.00%	5.00%	5.30%	12,687,386	12,317,850	11,959,078	11,610,755	11,272,578	10,944,250	10,625,486	10,316,006	10,015,539	9,538,609	9,058,484	8,641,289	9,491,012	LARIES - SAFETY
Description 1,000	3.00% 3.																			
Description Company	3.00% 3. 3.00% 3.																		4 007 407	ARIES - OTHER NONBENEFITTED
Part	3.00% 3.																			
The property of the property	0.00% 0.																			
Company Comp	5.00% 5.					20.16%	5,339,437	5,085,179		4,612,407							2,864,458	2,693,328	2,648,750	
Description Communication	0.00% 0.	.00% 0.4				500K											0.001.00-	0.070.00-	0.040.74	
Description Process	CCCERA																			
Description Company	COUERA				CL													3,320,000	3,020,012	
20 100		******	CERA**	CCC					. ,	.,				118,214	159,408	144,000	102,744			CERA EMPLOYER PAYMENT NONSAFETY - UAAL PAYMENT
TOTAL PRINCET UND STATES 1.00 1	Actuary Ac																			
D. PARMAL PROPERTY CONTROL AND ADMINISTRATION CONTROL 178200 134000	GovInvest Gov	/Invest Gov	st Govin	GovInves	GovInvest	GovInvest														
12 MAGA CREATER FRO DUPLIS (PEFFOT) 17,00207 2345508 3415277 379506 12,00007 12,000		-	+														27,599,013	25,533,326	23,230,510	
DESCRIPTION DELIANCE QUASSIONED DID DESCRIPTION DELIANCE QUASSIONED DID DESCRIPTION DELIANCE QUASSIONED PRINT \$3.000.000.000.000.000.000.000.000.000.0			+							(868,383)	(426,696)	(805,007)	(222,586)	(166,893)	(247,592)		3,141,237	2,346,589	1,789,207	
10 CMPTAL EXPRINGENCE RECORNING OF YEAR 1,000							22,099,759	16,077,664	13,428,126							15,485,551	15,105,887	11,964,650	9,618,061	NERAL FUND BALANCE UNASSIGNED, END
CAPITAL PRING BLANCE, GEORMAN OF YEAR 1,272.00 1,042.00 1,027.00 1,027.00 1,102.00 1,			+-				50.85%	38.24%	33.02%	32.41%	35.78%	38.15%	41.70%	42.90%	45.72%	47.48%	49.14%	42.91%	38.44%	RESTRICTED FUND BAL AS PERCENT OF GENERAL FUND REVENUE
D. CAPTIAL PROPERTURES 1.00 1.0	26/27 27/28	E/26 2	25	24/25	22/24	22/22	9 175 640	6 272 426	4 071 250	E 147 0EC	2 420 010	2 407 044	2 620 662	4 20E 64E	6 206 050	4 405 400	4 022 162	4 242 020	E 017 622	DITAL CUMP DALANCE DECIMING OF YEAR
TRANSPER NOW GENERAL FUND. FIRE FLOW TAX																				PITAL FUND REVENUES - FIRE FLOW TAX
STATES CONTINUE CASE FAVY FILES PRICE PLAND - FIRE FLOW TAX (2014-17)	NA I	NA I	N	NA	NA	NA	205,217	110,689	508,436	2,082,754	182,332	2,859,022	1,928,178	5,566,860	5,689,577	2,506,573	799,608	160,809	891,041	
C. DATTAL PLUNG DUPPLUS (DEFICIT) C. DATTAL PLUNG DUPPLUS (DEF							1,100,000										0			
13 CAPTION DRIAMER CROWN TEAR 1,487,000 2,285,501 1,597,000 1,508,000 1,508,000 1,509,000 1,50	NA I	NA	-	210	NA	N/A	0 000 500			(321,264)		(320,890)		(320,982)	(320,835)		(922,424)		(1,011,547)	
Composition Finds Dalmarker, Enginement Substant	NA I									4.971.358		3.428.018		2,620,562	4.395.645		4,495,400		4,342,930	
65 PROPERTY AD VIALOREM TAX 3.70%,403 3.884,811 7.731,775 0.0 0 0 0 0 0 0 0 0			ı																	
For Service Fund Expenditures - Persistor ORLIGATION ROSINGS 3.468.607 3.468.607 3.224.607 3.224.607 3.205.007 3							0	0	0	0	0	0	0	0	0	1,688,612				BT SERVICE FUND BALANCE, BEGINNING
Fig.	NA I	NA I	N	NA	NA	NA	0	0	0	0	0	0	0	0	0	4 000 040				
STATEMENT NOT DEPTH FOR MALANCE, BE FOR YEAR 3,487,608 3,747,237 1,086,107 1,086			+				0	321.071	321.737	321,264	321.641	320.890	321.001	320.982	320.835					
22 TUNNEL EAST BAY HILLS FUEL BREAK FUND BALANCE, BEGINNING 1046,000 1056,								321,071	321,737	321,264									1,011,547	ANSFER IN FROM CAPITAL FUND - FIRE FLOW TAX
22 TUNNEL EAST EAV FILLS FUEL BREAK 1,146,30 3,00,000 2,59,591 16,44,30 3,00,000 2,59,591 16,44,30 3,00,000 2,59,591 16,44,30 3,00,000 2,59,591 16,44,30 3,00,000 2,59,591 16,44,30 3,00,000 2,59,591 16,44,30 3,00,000 2,59,591 16,44,30 3,00,000 2,59,591 16,44,30 1	NA I	NA I	N	NA	NA	NA	0	0	0	0	0	0	0	0	0	0	1,688,612	3,747,327	3,487,608	BT SERVICE FUND BALANCE, END OF YEAR
STATE AD 164,000 2.856,001 164,000 164		_	+											683 632	377 572	17 572				NNEL EAST BAY HILLS FLIEL BREAK FLIND BALANCE REGINNING
14 25 TRAINSFER LEUR BREAK 18 18 30 00 00 2.59 50 18 18 18 18 18 18 18 1														000,002			164,002			
55 TINNEL EAST BAY HILLS FUEL BREAK FUND BALANCE, END OF YEAR 1,244,648 13,960,991 16,887,812 15,601,267 13,920,991 16,887,812 13,920,991 16,887,812 15,601,267 13,920,991 16,887,812 13,920,991 16,887,812 13,920,991 16,887,812 13,920,991 16,892,991 16,892,991 16,892,991 16,892,991 16,892,991 16,892,991 16,892,991 16,892,991 16,892,991 16,892,991 16,892,991 16,892,991 16,892,991 18,992,992 18,992,991 18,992,991 18,992,991 18,992,991 18,992,992 18,992,991 18,992,991 18,992,991 18,992,991 18,992,991 18,992,991 18,992,991 18,992,991 18,992,991 18,992,991 18,992,991 18,992,991 18,992,991 18,992,991 18,99																				PENDITURES - FUEL BREAK
State Committee Committe		_	4											(683,632)	000 000	033 630	40.000			
Second Name DUNNESTRICTED FUND BALANCE, SEGNNING OF YEAR 12,444,468 13,969,991 16,887,847 13,601,247 12,742,009 19,601,247 12,742,009 18,233,248 12,747,809 18,233,248 12,743,009 14,746,031 12,743,072 13,900,032 14,746,031 12,743,073 14,746,031 12,743,073 14,746,031 12,743,073 14,746,031 12,743,073 14,746,031 14,746,03		-	+											U	003,032	311,312	17,572			NNEL EAST BAT HILLS FUEL BREAK FUND BALANCE, END OF TEAR
Solid Commence Solid State	NA I	NA I	N	NA	NA	NA	24,253,304	19,800,552	17,719,752	18,764,633	17,471,490	18,336,294	17,691,628	19,633,604	21,782,509	19,601,287	16,887,812	13,960,991	12,846,486	MBINED UNRESTRICTED FUND BALANCE, BEGINNING OF YEAR
State Commend Difference	NA I																			TAL UNRESTRICTED REVENUES
STAFFING SUMMARY 78.10 7	NA I																			
65 SIMMARY OF UNFUNDED LABILITIES 66 SIMMARY OF UNFUNDED LABILITIES 67 C 68 COCERA PROJECTED DELIGATION SAFETY 69 GOVERNEST PROJECTED DELIGATION SAFETY 7, 280,0171 7, 255,517 7, 722,142 8, 722,189 9, 633,407 10,586,930 11,587,451 12,478,710 11,375,955 9,883,310 7,004,407 6, 25% 6,	. 100		N	INA	INA	IVA	32,300,302	24,233,304	13,000,332	27,713,732	20,704,033	17,471,490	10,000,294	17,051,028	15,055,004	22,702,309	13,001,287	10,007,012	13,500,551	MONED CHIEGO INTO ED POND BALANCE, END OF TEAK
65 SUMMARY OF INFUNDED LIABILITIES 67 COERA PROJECTED GBLIGATION SAFETY 68 GOVENUEST PROJECTED GBLIGATION SAFETY 7,840,717 7,535,517 7,732,742 8,732,702 8,238,705 9,333,228 10,377,570 11,388,172 10,289,728 8,604,869 8,735,481 1,375,955 8,653,107 7,004,407 6,25% 6,																				AFFING SUMMARY
Second Registry Second Reg			4				2,176,075	2,112,694	2,051,159	1,991,417	1,933,414	1,877,101	1,822,428	1,769,348	1,717,813	1,667,780	1,209,036	945,554	615,318	E PREVENTION (Memo Figure)
S COERA PROJECTED GBLIGATION SAFETY 5,426,940 6,763,940 7,290,417 8,238,705 9,333,228 10,377,570 11,388,172 10,289,728 9,604,869 8,735,481 6,75% 6		-+	+																	MMARY OF LINELINDED LIARII ITIES
5477701 5,426,940 6,763,940 7,894,717 7,242 7,772,124		-	+																	MINANT OF ONE ONDED EMBIETIES
The presence of the property of the presence																				
72 PENSION INFORMATION BASED ON CCCERA ASSUMPTIONS:** 3,4418,055 3,042,370 27,898,621 33,824,857 3,026,974 40,850,559 47,475,49 5,251,519* 6,133,779 5,817,467 5,3197,108 47,532,457 42,466,234 1,02,100 1,0	6.25% 6.	.25% 6.	6.2	6.25%	6.25%	6.25%														
17. PRISION NET LIABILITY, BEGINNING 34,418.805 30,442.370 27.886.271 33.824.857 34,008.974 40,880.959 47,754.946 82,913.179 80,133.779 85,817.467 83,197.108 47,532.457 42,466.234 17.596.910 1		-+	+				(1,731,074)	258,441	1,086,227	1,080,538	1,209,881	1,303,702	1,394,792	1,491,769	968,202	2,108,577	2,362,470			PERENCE - RECOMMENDED PENSION TRUST CONTRIBUTION
73 PENSION NET LIABILITY, BEGINNING 43,418,805 30,442,370 27,886,827 33,426,887 34,026,974 40,850,590 47,475,494 82,513,197 60,133,776 58,197,008 47,522,437 42,466,224			+																	NSION INFORMATION BASED ON CCCERA ASSUMPTIONS:**
76 PASSION INFORMATION BASED ON DISTRICT ASSUMPTIONS:*** 1,000,612 3,000,612 3,000,612 3,000,612 3,000,612 3,000,612 4,000,600,600 6,000,600,600 6,000,600 6,000,600 6,000,600 6,000,600 6,000,600,600 6,000,600 6,000,600 6,000,600 6,000,600 6,000,600,600 6,000,600 6,000,600 6,000,600 6,000,600 6,000,600,600 6,000,600 6,000,600 6,000,600 6,000,600 6,000,600,600 6,000,600 6,000,600 6,000,600 6,000,600 6,000,600,600 6,000,600 6,000,600 6,000,600 6,000,600 6,000,600,600 6,000,600 6,000,600 6,000,600 6,000,600 6,000,6																				NSION NET LIABILITY, BEGINNING
75 PENSION INFORMATION BASED ON DISTRICT ASSUMPTIONS:*** 9 RECOMMENDED PENSION NAT LIABILITY, BEGINNING 10 PENSION INTO IT LIABILITY, BEGINNING 11 A94.82,718 50,771,178 52,323,793 47,188,425 49,988,720 66,016,229 61,614,441 65,575,798 72,270,833 70,002,708 63,917,811 57,547,966 51,711,488 72,282,470 21,028,871 968,202 14,618,205 96,002 14,618,206 96,002 14,618,206 97,99,560 888,394 120,011 1,151,401 1,202,125 13,88,108 13,86,75 42,005 6.25%			تبل							7,066,866										
77 PENSION INFORMATION BASED ON DISTRICT ASSUMPTIONS:** 79 PENSION RATE TABLILITY, BEGINNING 49,482,718 59,771,78 52,232,733 47,188,425 49,988,720 5,001,288 1,086,277 1,030,700 1,001,288 1,080,278 1,002,780 1,003,780 1,081,278 1,000,780 1,000,888 1,080,277 1,000,780 1,000,888 1,080,277 1,000,780 1,000,889 1,090,780 1,000,888 1,090,780 1,090,780 1,000,889 1,090,780 1,090,780 1,000,780 1,090,		ast	ovinves	Go			37,854,161	42,466,234	47,532,457	53,197,108	58,617,467	bU,133,779	52,513,197	47,475,494	40,850,559	34,026,974	33,824,857	27,898,621	30,442,370	NSION NET LIABILITY, ENDING
78 PENSION NET LIABILITY, BEGINNING			+																	NSION INFORMATION BASED ON DISTRICT ASSUMPTIONS:***
50 PENSION TRUST EARNINGS**** 131,889 1.01;121 (1.099,638) (1/90,778) 508,207 633,206 79,9986 888,984 1.020,110 1.15;14.01 1.291;222 1.388,108 1.386,673 2.00% 6.25%														56,016,226						
81 PENSION RATE STABLIZATION TRUISE PROJECTED BAL 3,022,693 5,952,483 6,865,515 7,183,114 6,859,922 10,784,407 12,919,246 15,111,881 17,341,873 19,753,812 21,961,291 23,597,840 23,233,348 2,00% 6,25% 6,25% 6,25% 12,20% 10,744,407 12,141,407 1			4.					258,441	1,086,227	1,080,538	1,209,881	1,303,702	1,394,792	1,491,769	968,202	2,108,577	2,362,470	1,562,792		
52 PENSION NET LIABILITY, ENDING 50,771,178 52,323,793 47,188,425 49,988,720 56,016,226 16,161,441 55,575,796 72,270,853 70,022,708 63,917,811 57,547,966 51,711,488 46,235,430 Solving State	6.25% 6. 6.25% 6.																			
33 43 45 45 45 45 45 45	U.2370 B.				0.23%	-20.00%														NSION NET LIABILITY, ENDING
85 OPEB TRUST CONTRIBUTION 559,108 331,633 303,906 386,640 660,210 731,942 781,977 818,177 861,530 899,865 952,295 1,021,375 1,044,897 86 OPEB TRUST EARNINGS**** 91,212 630,935 (454,455) (559,611) 162,818 214,257 273,394 339,355 411,701 491,284 578,231 578,231 674,264 2.00,0% 6,25% 6,25%			I				.,222, .20	1,1.1,700						.,,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
86 OPEB TRUST EARNINGS**** 91,212 630,935 (454,455) (559,611) 162,818 214,257 273,394 339,355 411,701 491,284 578,231 578,231 674,264 -20.00% 6.25% 6.25% 6.25%			4																	
	6.25% 6.	25%		6.25%	6 259/	20.000/														
	6.25% 6.																			
88 OPEN NET LIABILITY, ENDING 14,234,499 11,537,795 11,698,513 12,165,838 11,745,935 11,263,014 10,711,748 10,086,735 9,382,203 8,591,898 7,709,000 6,726,267 5,535,520																		11,537,795		

Moraga-Orinda Fire Protection District Long Range Financial Forecast

C - Investment return CCCERA -22% in 2022 and 2023, Investment Return PARS -20% in FY2023 and FY2024, Property tax revenue 2% in FY2024 and FY2025, Operating Expenses +5% throughout

PROJ 22/23 PROJ 23/24 PROJ 24/25 PROJ 25/26 PROJ 26/27 34,142,556 34,438,745 35,783,004 36,246,855 37,433,734 CTUAL 19/20 ACTUAL 20/21 ACTUAL 21/2 29,957,006 33,428,581 33,765,89 TOTAL REVENUE TOTAL EXPENDITURES 28.599.708 30.242.041 33.111.13 33,649,946 36,587,650 38,262,383 36,703,074 40,302,819 40.310.092 44.844.919 43.938.893 44.189.175 44.228.795 SENERAL FUND BALANCE LINASSIGNED REGINNING 22/23 23/24 24/25 25/26 26/27 27/28 - 31/3 ASH AND LAIF BALANCE DECEMBER 15 (MINIMUM CASH) CASH AND LAIF BALANCE DECEMBER 31 8.930.000 9.900.000 12.828.000 5,559,047 18,100,269 16,257,424 13,094,413 12,638,195 9.769.110 8.120.395 3.206.676 512.453 GENERAL FUND REVENUES 23.430.27 31.585.39 32.690.879 33.835.06 35.019.287 36.244.962 22.364.55 ROPERTY AD VALOREM TAX ISE OF MONEY & PROPERTY 172.977 30,000 5 000 5,000 5,000 5.000 5,000 5,000 28 560 30.5 5 000 5 000 242,615 HARGES FOR SERVICES/OTHER 274,611 343,071 264,84 211,414 213,528 215,663 217,820 219,998 222,198 224,420 226,664 228,931 231,220 -20.18% 1.00% 1.00% 1.00% 1.00% 1.00% MRULANCE FEES 1.353.072 1 280 443 1 843 7 1 588 080 1 611 901 1 636 080 1 660 621 1 685 530 1 710 813 1 736 475 1 762 523 1 788 960 1.815.795 -13.87% 1 50% 1 50% 1 50% 1 50% TRIKE TEAM REVENUE (Net of Overtime Costs) -91.75% 1,841,476 70,000 300,000 309,000 318,270 327,818 337,653 347,782 358,216 368,962 380,031 3.00% 3.00% 3.00% 3.00% 161,175 848,4 3.00% THER REVENUE (FEDERAL GRANTS)/FUEL BREAK ADMIN FEE 458.04 683.63 -87.80% NA NA NA NA 488.04 TOTAL GENERAL FLIND REVENUES 2,612,85 3.329.6 34,670,24 35.130.42 36.313.6 37.537.56 38.803.68 GENERAL FUND EXPENDITURES SALARIES - SAFETY 9.491.012 8.641.289 9.058.48 9.538.609 10.015.539 10.316.006 10.625.486 10.944.25 11.272.578 11.610.755 11.959.078 12.317.850 12.687.386 5.30% 5.00% 3.00% 3.00% ALARIES - NONSAFETY 1,252,679 1,315,31 1,480,396 1,524,808 1,570,552 1,617,669 1,666,199 6.60% 180,460 -59.89% 5.00% 3.00% SALARIES - OTHER NONBENEFITTED 238,369 338.2 135.673 142.45 146,730 151.132 155.66 160.336 165,146 170,101 175.204 5.00% 3.00% 3.00% 3.00% 3.00% OVERTIME (Excluding Strike Team) 1.367.427 1.922.002 2.634.7 2.293,680 2.408.36 2.480.615 2.555.033 2.631.68 2.710.635 2.791.954 2.875.713 2.961.984 3.050.843 -12.94% 5.00% 3.00% 3.00% 3.00% 3.00% BENEFITS 2,231,693 2,604,655 2,734,76 2,954,284 3,042,913 3,134,200 3,228,226 3,325,07 3,424,825 3,527,570 3,633,397 3,742,399 3,854,671 8.03% 3.00% RETIREE HEALTH INSURANCE -1.51% 874.316 854.258 826.7 814.260 814.260 814.260 814.260 814.26 814.260 814.260 814.260 814.260 814.260 0.00% 0.00% 0.00% 0.00% 0.00% 5,339,437 20.16% 500,000 500K OPERATING EXPENSES 2 648 750 2,693,328 2,864,45 3 441 849 3,613,941 3,794,639 3,984,370 4,183,589 4,392,768 4 612 407 4 843 027 5 085 179 5.00% 5.00% 5.00% 5.00% 5.00% 500,000 5,672,994 500K 0.00% SIDENTIAL FUELS MITIGATION AND HOME HARDENING GRANT PRO 0.00% 0.00% CCCERA EMPLOYER PAYMENT SAFETY - NORMAL COST** 2.013.742 2.072.000 2.001.3 2,770,359 4.145.679 4.930.802 5.707.452 5.374.877 2.089.372 2.570.297 3.357.291 5.596.604 CCCERA***** CCERA EMPLOYER PAYMENT SAFETY - LIAAL PAYMENT**** 3 020 612 3.528.000 3 084 55 3 337 568 4 193 643 4 520 059 5 477 685 6 764 003 8 044 992 9 312 158 9 255 937 9 131 301 8 769 536 CCCERA/GovInv CCERA EMPLOYER PAYMENT NONSAFETY - NORMAL COST 172,692 128,065 164,361 169,29 174,37 179,602 190.54 196,256 184,99 CCCERA EMPLOYER PAYMENT NONSAFETY - UAAL PAYMENT 102,7 144,000 159,408 118,214 CCCERA*** PEB FUNDING (INTO TRUST)
PENSION RATE STABILIZATION (INTO TRUST) 366,640 660,210 968,202 804,853 1,491,769 857 073 805 51 1.042.79 1.108.402 1,134,525 Actuary Actuary Actuary Actuary Actuary 455,127 GovInvest GovInvest GovInvest GovInvest GovInvest GovInvest Actuary GovInvest 331.63 041 28 981.90 1,023,850 1,562,792 2,108,577 1,343,563 ,156,61 958,866 712,881 585,878 516,026 2,362,4 TOTAL GENERAL FUND EXPENDITURES 25,533,326 27,599,01 9,133,191 30,577,238 32,374,541 34,453,895 39,806,119 42,440,901 43,108,720 43,757,415 44,023,578 TRANSFER OUT TO CAPITAL FUND (3,000,000 (1,100,000) (1,100,000) (1,100,000) (1,100,000) (1,100,000) ANNUAL GENERAL FUND SURPLUS (DEFICIT) 1,789,207 2,346,589 3,141,237 379,664 7,032,351 2,295,130 (1 18.73% 5.91% 11.964.650 15.105.88 15.485.551 15.237.959 14.533.663 13.210.192 10.400.904 UNRESTRICTED FUND BAL AS PERCENT OF GENERAL FUND REVENUE 38.44% 47.48% 45.72% 41.92% 28.649 -12.51% -17.36% 37.60% CAPITAL FUND BALANCE, BEGINNING OF YEAR 3,428,018 5,147,856 4,971,358 6,372,426 8,175,640 22/23 23/24 24/25 25/26 26/27 27/28-31/3/ 5.017.632 4.342.930 4.923.16 4.495.400 6.296.958 4.395.645 2.620.562 3.487.814 CAPITAL FUND REVENUES - FIRE FLOW TAX 1,663,855 1,294,27 1,529,701 1,109,099 1,112,759 1,116,431 1,120,115 1,123,812 1,127,520 1,131,241 1,134,974 1,138,720 0.33% 0.33% 0.33% 0.33% 0.33% CAPITAL EXPENDITURES 891.041 160.809 799,608 2.506.573 5.689.577 5.566.860 1.928.178 2.859.02 182.332 2.082.754 508.436 110.689 205.217 * NA NA NA NA NA NA RANSFER IN FROM GENERAL FUND - PRIOR POB MONEY 3,100,000 3,000,000 3.000.000 2.000.000 2.000.0 1.100.000 1,100,000 1,100,000 1,100,000 1,100,000 ANSFER OUT TO DEBT SERVICE FUND - FIRE FLOW TAX ANNUAL CAPITAL FUND SURPLUS (DEFICIT) 580.232 1.801.558 1.719.838 1.401.068 1.803.215 2.033.503 NA NA NA NA NA CAPITAL FUND BALANCE, END OF YEAR 4,342,930 4,923,162 4,495,400 6,296,958 4,395,645 2,620,562 3,487,814 3,428,018 5,147,856 4,971,358 6,372,426 8,175,640 10,209,143 NA NA NA NA NA NA DEBT SERVICE FUND BALANCE, BEGINNING 3,244,815 3,487,608 3,747,327 1.688.612 PROPERTY AD VALOREM TAX
DEBT SERVICE FUND EXPENDITURES - PENSION OBLIGATION BONDS 3,884,811 NA NA NA NA NA NA 3,466,609 3,624,527 3,790,09 1,688,612 DEBT SERVICE FUND EXPENDITURES - OTHER DEBT/STATION 43 1 011 548 923 379 922 42 321 570 320 835 320 982 321 001 320 890 321 641 321 264 321 737 321 071 EBT SERVICE FUND BALANCE, END OF YEAR NA NA NA NA NA 3,487,608 3,747,327 1,688,61 TUNNEL EAST BAY HILLS FUEL BREAK FUND BALANCE, BEGINNING 17,572 377,572 683,632 REVENUE - STATE AID 164,00 3,360,000 2,856,561 EXPENDITURES - FUEL BREAK TRANSFER OUT TO GENERAL FUND 146,43 3,000,000 2,550,50 TUNNEL EAST BAY HILLS FUEL BREAK FUND BALANCE, END OF YEAR 377,572 683,632 NA NA NA NA TOTAL UNRESTRICTED REVENUES 26.247.603 29.543.770 32.034.520 34.142.556 34.438.745 35.783.004 36.246.855 37.433.734 38.661.377 39.931.201 41.244.670 42.603.303 44.008.669 NA NA NA NA NA NA TOTAL LINDESTRICTED EXPENDITURES 25.133.098 26.616.949 29.321.04 31.961.334 36.587.650 38.262.383 36.703.074 40.302.819 40,310,092 44,844,919 43,938,893 44,189,175 44,228,795 NA NA NA NA NA NA 13,960,991 16,887,812 13,828,92 78.10 STAFFING SUMMARY 77.1 78.10 78.10 78.10 78.10 78.10 78.10 78.10 FIRE PREVENTION (Memo Figure) 615,318 945,554 1,209,036 1,667,780 1,717,813 1,769,348 1,822,428 1,877,101 1,933,414 1,991,417 2,051,159 2,112,694 2,176,075 SUMMARY OF UNFUNDED LIABILITIES CCCERA PROJECTED OBLIGATION SAFETY 5 477 70 5 426 940 6 763 940 7 290 417 8 834 975 10 909 683 12 975 794 15 019 609 14 928 931 14 727 904 14 144 414 6 75% 6 75% 6 75% 6 75% 6 75% 6.75% 13,934,660 15,732,490 15,514,809 15,243,930 14,599,540 6.25% 6.25% 6.25% 6.25% 6.25% 6.25% 6.25% GOVINVEST PROJECTED OBLIGATION SAFETY
DIFFERENCE - RECOMMENDED PENSION TRUST CONTRIBUTION 2,362,47 2,108,577 968,202 1,491,769 1,343,563 1,156,610 PENSION INFORMATION BASED ON CCCERA ASSUMPTIONS:** 30,442,370 27,898,62 33,824,857 34,026,974 48,228,520 66,594,237 83,283,795 PENSION NET LIABILITY, BEGINNING 34,418,805 95,890,269 8,044,992 9,312,158 9,255,937 9,131,301 8,769,536 CCCERA EMPLOYER PAYMENT - UAAL PAYMENT PENSION NET LIABILITY, ENDING 3,528,000 3,084,557 27,898,621 33,824,857 4,193,643 4,520,059 5,477,685 48,228,520 66,594,237 83,283,795 3,020,612 3.337.568 6.764.003 PENSION INFORMATION RASED ON DISTRICT ASSUMPTIONS:*** PENSION NET LIABILITY, BEGINNING 52,323,79 49,988,720 63,270,290 95,561,438 13,004,273 120,710,050 RECOMMENDED PENSION RATE STABILIZATION TRUST CONTRIBUTION 1.023.850 1.562.792 2.362.47 2.108.577 968.202 1,491,769 1.343.563 1.156.610 958,866 831.026 712,881 927.520 585.878 516.026 455.127 PENSION TRUST EARNINGS* 131 860 1.019.121 (1.000.63 .790.778 (1 626 26 400 801 615.012 725.73 1 022 107 1 118 241 1 216 57 6.25% PENSION RATE STABILIZATION TRUST PROJECTED BAL 00% 6.25% 6.25% 6.25% 6,845,3 7,163,114 19,010,089 20,681,791 PENSION NET LIABILITY, ENDING 50.771.178 52.323.793 47.188.42 49.988.720 63.270.290 80.286.321 95.561.438 113.004.273 120.710.050 117.092.206 110.291.361 103.337.151 96.364.833 OPEB NET LIABILITY, BEGINNING 14,234,499 11,537,79 1,698,513 12,165,836 12,465,554 11,952,420 0,702,966 9,954,800 9,115,675 8,178,373 OPEB TRUST CONTRIBUTION 559,108 331.633 303.90 366,640 660.210 804.853 857.072 895,521 941.289 981.909 1.042.794 1.108.402 1.134.525 OPEB TRUST EARNINGS**** (454,45 (521,01) 171,51 232,540 300,64 457,695 547,670 547,670 647,074 -20.00% -20.00% 6.25% 6.25% 6.25% OPEB TRUST PROJECTED BALANCE 1,999,673 2,948,603 2,798,05 2,605,083 2,744,277 3,720,647 4,810,259 6,006,422 7,323,112 8,762,715 10,353,178 12,009,250 13,790,849 -20.00% -20.00% 6.25% 6.25% 6.25%

12 165 836 12 465 554 11 952 420 11 366 800 10 702 966

9 954 800 9 115 675 8 178 373 7 135 231 5 978 015

OPEB NET LIABILITY, ENDING

14 234 499 11 537 795 11 698 513

^{*} Significant portions of District fleet due for replacemen

^{**}A scalculated using Govinvest software discount rate 6.75%, salary increases 4%, 4%, 5%, 3.25% and investment return 2021 13.9% and 2022 and 2023 -22%

***As calculated using Govinvest software discount rate 6.25%, salary increases 4%, 4%, 5%, 3.25% and investment return 2021 13.9% and 2022 and 2023 -22%

***As calculated using Govinvest software discount rate 6.25%, salary increases 4%, 4%, 5%, 3.25% and investment return 2021 13.9% and 2022 and 2023 -22%

^{****} Actual returns may vary from forecast
**** Amount based on Govinvest calculation

Moraga-Orinda Fire Protection District Long Range Financial Forecast - Capital Expenditures Draft Update November 2022

DESCRIPTION	AGE	REPLACEMENT DATE	BOOK VALUE	2018 REPLACEMENT COST	PROJ 22/23	PROJ 23/24	PROJ 24/25	PROJ 25/26	PROJ 26/27	PROJ 27/28	PROJ 28/29	PROJ 29/30	PROJ 30/31	PROJ 31/32
BUILDINGS & GROUNDS														
STATION-41/TRAINING	62	2022	579,367	8,500,000	1,000,000	4,800,000	3,600,000							
ADMINISTRATION	50	2022	340,435	1,500,000	.,,,,,	.,,	1,200,000							
STATION-42	17	2041	1,992,000	2,721,437	35,000									
STATION-43	2	2058		4,093,000										
STATION-44	12	2046	2,648,802	2,478,819	35,000									
STATION-45	48	2022	475,488	2,500,000				618,000	2,472,000					
CAPITAL IMPROVEMENTS - OTHER						72,000	74,160	76,385	78,676	81,037	83,468	85,972	88,551	91,207
TOTAL FACILITIES EXPENDITURES					1,070,000	4,872,000	4,874,160	694,385	2,550,676	81,037	83,468	85,972		91,207
TOTAL APPARATUS EXPENDITURES/VEHICLE					1,258,123	727,577	600,000	38,312	210,000	0	1,894,952	315,000	0	0
FIREFIGHTING CAPITAL EQUIPMENT						50,000	51,500	1,153,045	54,636	56,275	57,964	59,703	61,494	63,339
IT CAPITAL EXPENDITURES					164,250	20,000	20,600	21,218	21,855	22,510	23,185	23,881	24,597	25,335
OTHER CAPITAL EXPENDITURES					14.200	20.000	20.600	21.218	21.855	22.510	23.185	23.881	24.597	25,335
TOTAL CAPITAL					\$ 2.506.573				\$ 2,859,022		\$ 2.082.754		\$ 110.689	\$ 205,217

MORAGA-ORINDA FIRE DISTRICT APPARATUS & VEHICLE REPLACEMENT PLAN: 2023 - 2032

Apparatus Costs

Description	2023 2028 2028 2037 2037 NIA 2024 2028 2038 2038 2038 2034 2028 2028 2028 2028 2028 2028	2017 COST 585,163 585,163 585,163 585,163 602,834 602,834 386,428 386,428 386,428 386,428 386,428 386,428 386,428 386,428 328 328,428 328,428 328,428 328,428 328,428 328,428 328,428 328,428	PROJ 22/23 250,000 365,000	PROJ 23/24 727,577	PROJ 24/26	PROJ 25/26	PROJ 26/27	PROJ 27/28	PROJ 28/29 727,577 480,475	PROJ 29/30	PROJ 30/31	PROJ 31/32
1998	2028 2032 2037 2037 2037 N/A 2024 2028 2028 2038 2033 2034	585,163 585,163 602,834 602,834 386,428 386,428 386,428 151,250 1,286,924 300,000 212,277 212,277 180,645		727,577	600,000				480,475			
1998	2028 2032 2037 2037 2037 N/A 2024 2028 2028 2038 2033 2034	585,163 585,163 602,834 602,834 386,428 386,428 386,428 151,250 1,286,924 300,000 212,277 212,277 180,645		727,577	600,000				480,475			
2008 ENGINE TYPE 1 PIERCE	2028 2032 2037 2037 2037 N/A 2024 2028 2028 2038 2033 2034	585,163 585,163 602,834 602,834 386,428 386,428 386,428 151,250 1,286,924 300,000 212,277 212,277 180,645		121,001	600,000				480,475			
2012 ENGINE TYPE 1 PIERCE	2032 2037 2037 2037 N/A 2024 2028 2028 2038 2033 2034	585.163 602,834 602,834 386.428 386.428 386.428 386.428 151,250 1,286.924 300,000 212,277 180,645			600,000				480,475			
2017 ENGINE TYPE 1 PIERCE 5	2037 2037 2037 N/A 2024 2028 2028 2038 2033 2034 2034	602,834 602,834 386,428 386,428 386,428 151,250 1,286,924 300,000 212,277 212,277 180,645			600,000							
2017 ENGINE TYPE 1 PIERCE 5	2037 N/A 2024 2028 2028 2038 2033 2034 2028 2028 2028 2028	602,834 386,428 386,428 386,428 386,428 151,250 1,286,924 300,000 212,277 180,645			600,000							
ENGINES - WILDLAND	2024 2028 2028 2028 2038 2033 2034 2034 2028 2028 2028 2027	386,428 386,428 386,428 386,428 386,428 151,250 1,286,924 300,000 212,277 212,277 180,645			600,000							
2002 ENGINE TYPE 3 WESTATES 20	2024 2028 2028 2028 2038 2033 2034 2034 2028 2028 2028 2027	386,428 386,428 386,428 151,250 1,286,924 300,000 212,277 212,277 180,645			600,000							
2002 ENGINE TYPE 3 WESTATES 20	2024 2028 2028 2028 2038 2033 2034 2034 2028 2028 2028 2027	386,428 386,428 386,428 151,250 1,286,924 300,000 212,277 212,277 180,645			600,000							
2008 ENGINE TYPE 3 PIERCE	2028 2028 2028 2038 2033 2034 2034 2028 2028 2027	386,428 386,428 151,250 1,286,924 300,000 212,277 212,277 180,645			600,000							
2010 ENGINE TYPE 3 PIERCE	2028 2038 2033 2034 2034 2028 2028 2027	386,428 151,250 1,286,924 300,000 212,277 212,277 180,645										
ENGINES - 2018 ENGINE TYPE 6 4 4 2023 ENGINE TYPE 6 4 4 2023 ENGINE TYPE 6 4 4 2023 ENGINE TYPE 6 5 4 4 2024 ENGINE TYPE 6 6 4 4 2024 ENGINE TYPE 6 6 2021 ENGINE TRUCKS 2017 TILLER TRUCK - 100 PIERCE 5 5 SPECIALIZED APPARATUS 2009 WATER TENDER PIERCE-KENWORTH 13 4 4 4 4 4 4 4 4 4	2038 2033 2034 2028 2028 2027	151,250 1,286,924 300,000 212,277 212,277 180,645							480,475			
2018 ENGINE TYPE 6	2033 2034 2028 2028 2027	1,286,924 300,000 212,277 212,277 180,645										
2018 ENGINE TYPE 6	2033 2034 2028 2028 2027	1,286,924 300,000 212,277 212,277 180,645										
AGRIAL LADDER TRUCKS	2033 2034 2028 2028 2027	1,286,924 300,000 212,277 212,277 180,645										
AERIAL LADDER TRUCKS 2017 TILLER TRUCK - 100' PIERCE	2034 2028 2028 2027	300,000 212,277 212,277 180,645										
2017 TILLER TRUCK - 100' PIERCE 5	2034 2028 2028 2027	300,000 212,277 212,277 180,645	365,000									
2017 TILLER TRUCK - 100' PIERCE 5	2034 2028 2028 2027	300,000 212,277 212,277 180,645	365,000									
2009 WATER TENDER PIERCE-KENWORTH	2028 2028 2027	212,277 212,277 180,645	365,000									
2009 WATER TENDER PIERCE-KENWORTH	2028 2028 2027	212,277 212,277 180,645	365,000									
AMBULANCES 2015	2028 2028 2027	212,277 212,277 180,645	365,000									
2015 AMBULANCE NAVISTAR TERRASTAR LEADER 7	2028 2027	212,277 180,645										
2015	2028 2027	212,277 180,645										
2015 AMBULANCE NAVISTAR TERRASTAR LEADER 7	2028 2027	212,277 180,645										
2017 AMBULANCE 5 5	2027	180,645										
2017 AMBULANCE 5												
2023 AMBULANCE F-450 2023 AMBULANCE F-450 COMMAND VEHICLES 2008 COMMAND CHEVY SUBURBAN - SELL IN 2022 14 2008 COMMAND-CHEVY SUBURBAN - SELL IN 2022 14 2017 COMMAND-CHEVY TAHOE 5 2019 COMMAND-DODGE 2500 3	2029						210,000			0.15.000		
2023 AMBULANCE F-450 COMMAND VEHICLES 2008 COMMAND CHEVY SUBURBAN - SELL IN 2022 14 2008 COMMAND-CHEVY SUBURBAN - SELL IN 2022 14 2017 COMMAND CHEVY TAHOE 5 2019 COMMAND-DOGE 2500 3		180,645	407.474							215,000		
COMMAND VEHICLES 2008 COMMAND CHEVY SUBURBAN - SELL IN 2022 14 2008 COMMAND-CHEVY SUBURBAN - SELL IN 2022 14 2017 COMMAND-CHEVY TAHOE 5 5 2019 COMMAND-DODGE 2500 3 3	2033 2033	-	187,174 187,174									
2008 COMMAND CHEVY SUBURBAN - SELL IN 2022 14 2008 COMMAND-CHEVY SUBURBAN - SELL IN 2022 14 2017 COMMAND CHEVY TAHOE 5 2019 COMMAND-DODGE 2500 3	2033	1	107,174		l l							
2008 COMMAND CHEVY SUBURBAN - SELL IN 2022 14 2008 COMMAND-CHEVY SUBURBAN - SELL IN 2022 14 2017 COMMAND CHEVY TAHOE 5 2019 COMMAND-DODGE 2500 3	1											
2008 COMMAND-CHEVY SUBURBAN - SELL IN 2022 14 2017 COMMAND CHEVY TAHOE 5 2019 COMMAND-DODGE 2500 3	N/A	60,000	64,190									-
2017 COMMAND CHEVY TAHOE 5 2019 COMMAND-DODGE 2500 3	N/A	60,000	01,100									-
2019 COMMAND-DODGE 2500 3	2028	52,048							64.715			
	2029	70,000							100,000			
•	2033									100,000		
			_									-
SUPPORT VEHICLES												
2011 CHEVY TAHOE 11	N/A	34,700										
2012 FORD EXPLORER 10	2025	34,700				38,312						
2017 FORD EXPLORER 5	2028	33,546							41,710			
2019 DODGE 5500 AIR LIGHT UNIT 3	N/A	250,000			l							
LITH ITY VEHICLES								ĺ				
UTILITY VEHICLES 2000 UTILITY FORD F250 22	N/A	60.000			Г			1			-	
2000 OTILITY FORD F250 22 2005 FORD RANGER 17	N/A N/A	18,769			 			1			-	
2005 FORD RANGER 17 2005 FORD RANGER 17	N/A 2023	18,769	38.793									
2005 FORD RANGER 17	2023	18,769	38,793					l				
2019 DODGE 2500 3	2023	40.000	30,793		 			 				
2019 DODGE 2500 3 2022 DODGE 1500 0	2004	64.000	63.500									
2022 DODGE 1500 0	2034	64,000	63,500									
LULE DODGE 1000	2034 2034	07,000	00,000									-
TOTAL APPARATUS EXPENDITURES/VEHICLE	2034 2034											

FIREFIGHTING/RESCUE APPARATUS
AMBULANCES
COMMAND/SUPPORT/STAFF VEHICLES