

Moraga-Orinda Fire District

TO: Board of Directors

FROM: David Winnacker, Fire Chief

Gloriann Sasser, Administrative Services Director

DATE: March 17, 2021

SUBJECT: Item 9.2 - Long Range Financial Forecast March 2021

Background

The Long Range Financial Forecast (Forecast) has been updated. The Forecast covers a forward-looking 10-year period. The Forecasts use several significant assumptions, which are explained below.

Property Tax Revenue

Property tax revenue for FY21/22 has been projected by HdL, the District's property tax revenue consultants. The property tax revenue increase for FY21/22 is projected to be 4.27% or \$1.16M.

The property tax revenue California Consumer Price Index (CPI) granted for all taxing entities in the State per Proposition 13 for 21/22 will be 1.036%. Usually the CPI increase is 2.0%. This will provide roughly ½ the growth that the District has experienced in each of the past five years. The history of the CPI is as follows:

	California
	Consumer Price
Fiscal Year	Index
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 5.42% in 2019 over the previous calendar year, and those median prices increased an additional 9.02% in 2020. Home sale prices as well as the number of homes coming to market have been mixed both by region and community throughout the State. In the cities that make up most of the District there was an increase in the number of homes sold in 2020 by 101 transactions. This means that there was an 18.8% increase in the number of homes that sold in calendar year 2020 and these sales will impact 21/22 revenue.

The Forecast projects property tax revenue increases of 2% in 22/23, then 3.5% throughout the remaining years (same projections used in Version A of the prior year Forecast.)

Other General Fund Revenues

Ambulance fees – Projected to increase 2.07% in 21/22, then 1.5% throughout

Strike team revenue (net of overtime costs) – 21/22 is projected based on an average of the prior four years, then 1.5% throughout.

Other revenue (federal grants) - Projected at \$0 throughout because the SAFER grant is complete. Other grant funds may become available; however they are not included as no grants have been awarded.

General Fund Expenditures

Regular salaries – +3% throughout

Overtime – +3% throughout

Benefits – +3% throughout

Retiree health insurance – Capped per the MOUs (no increases)

Operating expenses – Projected to increase 3% throughout

CCCCERA employer payment – Five year projections are provided by Segal, CCCERA's actuary, as follows:

FY2022	Actual rates set by the CCCERA board of directors
FY2023	-0.54%
FY2024	-1.17%
FY2025	+4.55%
FY2026	-0.93%
FY2027 forward	No projections are provided by CCCERA. The remaining

No projections are provided by CCCERA. The remaining years use

calculations provided by GovInvest software.

OPEB funding – The Forecast includes OPEB contributions based on actuarial calculations used in the GASB 75 OPEB Valuation Report as of June 30, 2020 which were calculated using a discount rate of 6.25% and 16-year closed amortization period.

Pension rate stabilization - The Forecast includes pension rate stabilization trust contributions based on GovInvest software calculations using a discount rate of 6.25% and actual CCCERA investment earnings of 9.5% in 2020, then investment earnings of 6.25% throughout.

Capital Projects Fund

The Long Range Financial Forecast - Capital Expenditures (Attachment B), has been updated. Major expenses include rebuilding Fire Station 41/Administration and a remodel of Fire Station 45.

Debt Service Fund

The District's pension obligation bonds will be paid-in-full on July 1, 2022. The amount of property tax revenue legally restricted to pay for the pension obligation bonds will decrease as follows:

	POB Legally
	Restricted
	Property Tax
Fiscal Year	Revenue
20/21	\$3,884,811
21/22	\$1,730,869
22/23	\$0

Based on the above, the amount of property tax revenue in the General Fund will increase beginning in FY21/22. This change is included in the Forecast.

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 yearend with a goal of achieving a 50% year-end General Fund balance in the long term. The Forecast maintains the minimum of at least 17% throughout and meets the goal of 50% in FY2026.

Long Range Financial Forecast Results

The Forecast shows 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 is projected in most years.

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.

<u>Conclusion</u>
The District is now one year into the COVID-19 pandemic and the disruptions to the economy it has caused. The District's property tax revenue and residential home values in the District have remained stable. The Forecast projects the District will be able to continue to make the contributions to the OPEB and pension rate stabilization trust funds throughout the period covered.

However, the Forecast projects a Capital Projects Fund deficit in most years. Currently the Capital Projects Fund balance is \$4.5M. Significant capital projects include:

- Rebuild of Fire Station 41 and the Administration building 60 years old and forecast to be replaced beginning in FY2022 via debt issuance pending future board approval.
- Upgrade of Fire Station 45 48 years old and forecast for an upgrade beginning in FY2023 (cash payment.)

The Forecast shows the District will likely need to transfer funds from the General Fund to the Capital Projects Fund to pay for capital projects.

Staff will continue to carefully monitor the District's finances, paying particular attention to property tax and ambulance revenue, and CCCERA rates. Staff requests Board direction regarding the Long Range Financial Forecast.

Recommended Action
1) Discuss; 2) Deliberate; 3) Provide direction to Staff

Attachments

Attachment A – Long Range Financial Forecast
Attachment B – Capital Projects
Attachment C – Apparatus & Vehicle Replacement Plan 2021 – 2031

Moraga-Orinda Fire Protection District Long Range Financial Forecast Draft Update March 2021

	1	ACTUAL 17/18	ACTUAL 18/19	ACTUAL 19/20	PROJ 20/21	PROJ 21/22	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	ASSM	ASSM	ASSM	ASSM	ASSM	ASSM
1	TOTAL REVENUE	27,099,467	29,520,164	29,957,006	31,751,167	31,262,431	31,864,422	32,910,237	33,992,057	35,111,132	36,268,760	37,462,596	38,697,700	39,975,508	41,297,506						
	TOTAL EXPENDITURES	27,000,486	31,083,423	28,599,708	31,130,422	33,624,714	32,996,911	32,969,049	31,998,276	33,579,593	33,281,427	30,954,840	32,869,643	31,325,978	31,428,689						
	GENERAL FUND BALANCE UNASSIGNED, BEGINNING	4,905,518	6,297,533	7,828,854	9,618,061	9,768,220	10,443,506	12,787,511	13,957,108	15,637,189	17,753,120	20,133,140	26,721,735	33,860,823	41,252,798	21/22	22/23	23/24	24/25	25/26	26/27 - 30/31
	GENERAL FUND REVENUES PROPERTY AD VALOREM TAX	19,843,842	21,142,784	22,364,559	23,181,832	26,492,158	28,787,488	29,795,050	30,837,876	31,917,202	33,034,304	34,190,505	35,387,172	36,625,723	37,907,624	HDI	2.00%	3.50%	3.50%	3.50%	3.50%
_	JSE OF MONEY & PROPERTY	90,725	190,489	172,977	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
_	NTERGOVERNMENTAL REVENUE	252,467	244,243	235,278	246,397	233,148	235,479	237,834	240,213	242,615	245,041	247,491	249,966	252,466	254,991	-5.38%	1.00%	1.00%	1.00%	1.00%	1.00%
_	CHARGES FOR SERVICES/OTHER	438,422	1,484,464	274,611	236,236	192,350	194,274	196,216	198,178	200,160	202,162	204,183	206,225	208,287	210,370	-18.58%	1.00%	1.00%	1.00%	1.00%	1.00%
10	AMBULANCE FEES	1,082,685	1,751,628	1,353,072	965,000	985,000	999,775	1,014,772	1,029,993	1,045,443	1,061,125	1,077,042	1,093,197	1,109,595	1,126,239	2.07%	1.50%	1.50%	1.50%	1.50%	1.50%
	STRIKE TEAM REVENUE (Net of Overtime Costs)	442,519	379,931	161,175	1,000,000	495,906	510,783	526,107	541,890	558,147	574,891	592,138	609,902	628,199	647,045	-50.41%	3.00%	3.00%	3.00%	3.00%	3.00%
	OTHER REVENUE (FEDERAL GRANTS)/NOSFB ADMIN FEE	182,228	550,042	458,045	680,591	0	0	0	0	0	0	0	0	0	0	-100.009	6 NA	NA	NA	NA	NA
	TOTAL GENERAL FUND REVENUES	22,332,888	25,743,581	25,019,717	26,345,056	28,433,562	30,762,799	31,804,979	32,883,151	33,998,567	35,152,523	36,346,359	37,581,463	38,859,271	40,181,269						
	GENERAL FUND EXPENDITURES******* SALARIES - SAFETY	8,551,976	8,886,941	9,491,012	9,000,000	0.004.744	9,563,252	9,850,150	10,145,654	10,450,024	10,763,525	44 000 420	11,419,023	44 704 504	12,114,442	2.400/	2.000/	2.000/	2.000/	2.000/	3.00%
	SALARIES - NONSAFETY	0,001,970	0,000,941	9,491,012	1,100,000	9,284,711 1,122,779	1,156,462	1,191,156	1,226,891	1,263,698	1,301,609	11,086,430 1,340,657	1,380,877	11,761,594 1,422,303	1,464,972	3.16% 2.07%	3.00%	3.00%	3.00% 3.00%	3.00%	3.00%
	SALARIES - OTHER NONBENEFITTED				232,637	237,637	244,766	252,109	259,672	267,463	275,486	283,751	292,264	301,031	310,062	2.15%	3.00%	3.00%	3.00%	3.00%	3.00%
	OVERTIME (Excluding Strike Team)	2,040,455	2,359,979	1,367,427	1,850,000	1,850,000	1,905,500	1,962,665	2,021,545	2,082,191	2,144,657	2,208,997	2,275,267	2,343,525	2,413,830	0.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	BENEFITS	1,850,258	1,892,878	2,231,693	2,843,052	2,846,105	2,931,488	3,019,433	3,110,016	3,203,316	3,299,416	3,398,398	3,500,350	3,605,361	3,713,521	0.11%	3.00%	3.00%	3.00%	3.00%	3.00%
	RETIREE HEALTH INSURANCE	821,299	871,105	874,316	890,000	925,000	925,000	925,000	925,000	925,000	925,000	925,000	925,000	925,000	925,000	3.93%	0.00%	0.00%	0.00%	0.00%	0.00%
	DPERATING EXPENSES	2,251,574	2,427,900	2,648,750	2,884,783	3,000,000	3,090,000	3,182,700	3,278,181	3,376,526	3,477,822	3,582,157	3,689,622	3,800,310	3,914,320	3.99%	3.00%	3.00%	3.00%	3.00%	3.00%
	CCCERA EMPLOYER PAYMENT SAFETY - NORMAL COST*****	1,870,925	1,849,332	2,013,742	2,035,000	2,164,117	2,209,417	2,231,906	2,474,282	2,511,580	2,524,783	2,555,666	2,482,154	1,853,992	1,431,879			CCERA***			GovInvest
	CCCERA EMPLOYER PAYMENT SAFETY - UAAL PAYMENT***** CCCERA EMPLOYER PAYMENT NONSAFETY - NORMAL COST	2,806,387	3,267,111	3,020,612	3,465,000	3,530,929	3,604,839	3,641,531	4,036,986	4,097,840	3,781,145	102 742	100 440	146 200	122 507		С	CCERA***	ERA*****		GovInvest
_	CCCERA EMPLOYER PAYMENT NONSAFETY - NORMAL COST					113,019 104,326	115,388 106,512	116,558 107,592	93,514 86,321	90,274 83,330	96,366 88,954	102,743	109,416 0	116,396 0	123,697 0				ERA*****		
	DPEB FUNDING (INTO TRUST)	374,000	407,733	559,108	331,633	434,528	445,347	499,888	529,270	587,192	632,715	684,724	754,959	791,783	842,595	Actuary	Actuary		Actuary	Actuary	Actuary
	PENSION RATE STABILIZATION (INTO TRUST)	374,000	1,100,000	1,023,850	1,562,792	2,145,125	2,120,823	2,154,695	2,015,738	1,944,202	2,361,025	2,489,241	2,513,444	2,546,002	2,520,138	GovInve		1 1	GovInves		GovInvest
	TOTAL GENERAL FUND EXPENDITURES	20,940,874	23,062,979	23,230,510	26,194,897	27,758,276	28,418,794	29,135,382	30,203,069	30,882,636	31,672,502	28,657,765	29,342,374	29,467,296	29,774,457						
_	ANNUAL GENERAL FUND SURPLUS (DEFICIT)	1,392,014	1,531,321	1,789,207	150,159	675,286	2,344,005	1,169,597	1,680,082	2,115,931	2,380,020	6,588,594	7,139,089	7,391,975	9,306,812						
33	GENERAL FUND BALANCE UNASSIGNED, END	6,297,533	7,828,854	9,618,061	9,768,220	10,443,506	12,787,511	13,957,108	15,637,189	17,753,120	20,133,140	26,721,735	33,860,823	41,252,798	50,559,610						
34	JNRESTRICTED FUND BAL AS PERCENT OF GENERAL FUND REVENUE	28.20%	30.41%	38.44%	37.08%	36.73%	41.57%	43.88%	47.55%	52.22%	57.27%	73.52%	90.10%	106.16%	125.83%		_	<u> </u>			
35	CAPITAL FUND BALANCE, BEGINNING OF YEAR	9,856,415	8,348,371	5,017,632	4,342,930	4 550 000	3,574,884	1,786,325	557.046	074 040	207 224	004 520	813,698	497.333	760,223	21/22	22/23	23/24	24/25	25/26	26/27 - 30/31
	CAPITAL FUND BALANCE, BEGINNING OF YEAR CAPITAL FUND REVENUES - FIRE FLOW TAX	1,389,215	233,047	1,227,886	1,521,300	4,553,232 1,098,000	1,101,623	1,105,259	557,916 1.108,906	871,616 1,112,566	287,224 1.116.237	894,536 1,116,237	1,116,237	1,116,237	1,116,237	0.33%	0.33%	0.33%	0.33%	25/26 0.33%	0.33%
	CAPITAL EXPENDITURES	1,885,289	3,701,334	891,041	388,050	1,153,900	2,568,612	3,512,833	1,474,225	2,375,956	1,288,035	1,975,434	3,206,004	1,536,944	1,333,160	* NA	NA	NA	NA	NA	NA
41	FRANSFER OUT TO DEBT SERVICE FUND - FIRE FLOW TAX	(1,011,970)	0,701,001	(1,011,547)	(922,948)	(922,448)	(321,570)	(320,835)	(320,982)	(321,001)	(320,890)	(321,641)	(321,264)	(321,737)	(321,071)	101	1.01	1.01			
42	ANNUAL CAPITAL FUND SURPLUS (DEFICIT)	(1,508,044)	(3,330,739)	(674,702)	210,302	(978,348)	(1,788,559)	(1,228,409)	313,699	(584,392)	607,312	(80,838)	(1,311,031)	1,257,556	562,006	NA	NA	NA	NA	NA	NA
43	CAPITAL FUND BALANCE, END OF YEAR	8,348,371	5,017,632	4,342,930	4,553,232	3,574,884	1,786,325	557,916	871,616	287,224	894,536	813,698	(497,333)	760,223	1,322,228	NA	NA	NA	NA	NA	NA
44																					
	DEBT SERVICE FUND BALANCE, BEGINNING	2,793,645	3,008,656	3,244,815	3,487,608	3,747,892	1,688,671	736	736	736	736	736	736	736	736						
	PROPERTY AD VALOREM TAX	3,377,364	3,543,536	3,709,403	3,884,811	1,730,869	0	0	0	0	0	0	0	0	0	NA	NA	NA	NA	NA	NA
	DEBT SERVICE FUND EXPENDITURES - PENSION OBLIGATION BONDS DEBT SERVICE FUND EXPENDITURES - OTHER DEBT	3,157,877 1,016,446	3,307,377 1,011,733	3,466,609 1,011,548	3,624,527 922,948	3,790,090 922,448	1,687,935 321,570	320,835	320,982	321.001	320,890	321.641	321,264	321.737	321,071		+	 			
	FRANSFER IN FROM CAPITAL FUND - FIRE FLOW TAX	1,010,440	1,011,733	1,011,547	922,948	922,448	321,570	320,835	320,982	321,001	320,890	321,641	321,264	321,737	321,071						—
	DEBT SERVICE FUND BALANCE, END OF YEAR	3,008,656	3,244,815	3,487,608	3,747,892	1,688,671	736	736	736	736	736	736	736	736	736	NA	NA	NA	NA	NA	NA
51	·																				
52	COMBINED UNRESTRICTED FUND BALANCE, BEGINNING OF YEAR	14,761,933	14,645,904	12,846,486	13,960,991	14,321,452	14,018,390	14,573,836	14,515,024	16,508,805	18,040,344	21,027,677	27,535,433	33,363,491	42,013,021	NA	NA	NA	NA	NA	NA
	TOTAL UNRESTRICTED REVENUES	23,722,103	25,976,628	26,247,603	27,866,356	29,531,562	31,864,422	32,910,237	33,992,057	35,111,132	36,268,760	37,462,596	38,697,700	39,975,508	41,297,506	NA	NA	NA	NA	NA	NA
	TOTAL UNRESTRICTED EXPENDITURES	23,838,133	27,776,046	25,133,098	27,505,895	29,834,624	31,308,976	32,969,049	31,998,276	33,579,593	33,281,427	30,954,840	32,869,643	31,325,978	31,428,689	NA NA	NA NA	NA	NA	NA	NA
55	COMBINED UNRESTRICTED FUND BALANCE, END OF YEAR	14,645,904	12,846,486	13,960,991	14,321,452	14,018,390	14,573,836	14,515,024	16,508,805	18,040,344	21,027,677	27,535,433	33,363,491	42,013,021	51,881,838	NA	NA	NA	NA	NA	NA
50	STAFFING SUMMARY					77.60	77.60	77.60	77.60	77.60	77.60	77.60	77.60	77.60	77.60				-		
_	FIRE PREVENTION (Memo Figure)	464,445	570,586	615,318	899.261	973.006	1,002,196	1,032,262	1,063,230	1,095,127	1,127,981	1,161,820	1,196,675	1,232,575	1,269,552						
59	, ,	2 1, 1 70		,	,	,	,,	,	, 11,230	,	, = , , = 31	, .,,,,,,	,,	,,-,-	, ::,:32						
60	SUMMARY OF UNFUNDED LIABILITIES																				
61																					
	CCCERA PROJECTED OBLIGATION SAFETY					5,695,046	5,814,256	5,873,437	6,511,267	6,609,420	6,305,928	2,555,666	2,482,154	1,853,992	1,431,879	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%
	GOVINVEST PROJECTED OBLIGATION SAFETY DIFFERENCE - RECOMMENDED PENSION TRUST CONTRIBUTION					7,840,171 2,145,125	7,935,078 2,120,823	8,028,132 2,154,695	8,527,005 2,015,738	8,553,622 1,944,202	8,666,953 2,361,025	5,044,907 2,489,241	4,995,598 2,513,444	4,399,993 2,546,002	3,952,018 2,520,138	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%
65	DITTENDE - NECOMMENDED FERGION TRUST CONTRIBUTION					2, 140, 120	2, 120,023	2,104,090	2,010,730	1,544,202	2,001,020	2,403,241	2,010,444	2,040,002	2,020,130						
	PENSION INFORMATION BASED ON CCCERA ASSUMPTIONS:**																				
	PENSION NET LIABILITY, BEGINNING					26,872,410	22,174,011	18,336,074	12,935,538	8,209,431	3,781,145	0	0	0	0						
68	CCCERA EMPLOYER PAYMENT - UAAL PAYMENT					3,530,929	3,604,839	3,641,531	4,036,986	4,097,840	3,781,145	0	0	0	0						
	PENSION NET LIABILITY, ENDING	23,498,575	34,418,805	30,168,058	26,872,410	22,174,011	18,336,074	12,935,538	8,209,431	3,781,145	0	0	0	0	0			Go	vInvest		
70																	1				
	PENSION INFORMATION BASED ON DISTRICT ASSUMPTIONS:*** PENSION NET LIABILITY, BEGINNING	47 000 400	47 040 000	40 400 740	E0 774 470	40 122 005	44 005 755	40 504 000	24 244 202	20 720 224	22 540 007	10 244 050	10 700 674	6.740.047	1 220 507		1	-			
	PENSION NET LIABILITY, BEGINNING RECOMMENDED PENSION RATE STABILIZATION TRUST CONTRIBUTION*****	47,803,123 374,000	47,048,699 1,100,000	49,482,718 1,023,850	50,771,178 1,562,792	49,133,605 2,145,125	44,985,755 2,120,823	40,521,829 2,154,695	34,341,289 2,015,738	28,728,221 1,944,202	23,546,937 2,361,025	18,344,958 2,489,241	12,732,674 2,513,444	6,746,947 2,546,002	1,236,567 2,520,138			_			
74	PENSION TRUST EARNINGS****	374,000	1,100,000	1,023,030	286,593	2,145,125 438,575	2,120,823 598,538	2,154,695 770,615	2,015,738 944,762	1,944,202	1,343,218	1,582,747	1,838,759	2,546,002	2,520,138	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%
	PENSION RATE STABILIZATION TRUST PROJECTED BAL	700,449	1,879,809	3,022,693	4,872,078	7,455,778	10,175,139	13,100,448	16,060,947	19,130,471	22,834,714	26,906,702	31,258,906	35,917,714	40,840,218	6.25%		_	6.25%	6.25%	6.25%
	PENSION NET LIABILITY, ENDING	47,048,699	49,482,718	50,771,178	49,133,605	44,985,755	40,521,829	34,341,289	28,728,221	23,546,937	18,344,958	12,732,674	6,746,947	1,236,567	0	5.2570		•	vInvest		
77																					
	OPEB NET LIABILITY, BEGINNING				14,234,499	13,777,886	13,189,841	12,554,223	11,824,338	11,019,453	10,106,342	9,090,637	7,959,442	6,687,313	5,298,851						
	DPEB TRUST CONTRIBUTION				331,633	434,528	445,347	499,888	529,270	587,192	632,715	684,724	754,959	791,783	842,595						
	OPEB TRUST EARNINGS****	000.45	4.0=0.0-	4.000.000	124,980	153,518	190,271	229,997	275,615	325,920	382,989	446,471	517,171	596,679	683,458	6.25%		6.25%		6.25%	6.25%
	DPEB TRUST PROJECTED BALANCE DPEB NET LIABILITY, ENDING	882,128	1,358,338 14,850,637	1,999,673 14,234,499	2,456,286 13,777,886	3,044,331 13,189,841	3,679,949 12,554,223	4,409,834 11,824,338	5,214,719 11,019,453	6,127,830 10,106,342	7,143,535 9,090,637	8,274,730 7,959,442	9,546,859 6,687,313	10,935,321 5,298,851	12,461,374 3,772,798	6.25%	6.25%	6.25%	6.25%	6.25%	6.25%
02	OF LD INC. LIABILITY, ENDING		14,000,037	14,234,499	13,777,000	13, 109,041	12,004,223	11,024,338	11,019,403	10,100,342	9,090,037	1,909,442	0,007,313	0,290,001	3,172,198						

Moraga-Orinda Fire Protection District

Long Range Financial Forecast - Capital Expenditures

Draft Update

March 2021

DESCRIPTION	AGE	REPLACEMENT DATE	BOOK VALUE	2018 REPLACEMENT COST	PROJ 21/22	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
BUILDINGS & GROUNDS														
STATION-41/TRAINING	62	2022	579,367	8,500,000	733,000	733,000	733,000	733,000	733,000	733,000	733,000	733,000	733,000	733,00
ADMINISTRATION	50	2022	340,435	1,500,000	130,000	130,000	130,000	130,000	130,000	130,000	130,000	130,000	130,000	130,000
STATION-42	17	2041	1,992,000	2,721,437										
STATION-43	2	2058		4,093,000										
STATION-44	12	2046	2,648,802	2,478,819										
STATION-45	48	2022	475,488	2,000,000		500,000	2,000,000							
CAPITAL IMPROVEMENTS - OTHER					290,900	299,627	308,616	317,874	327,411	337,233	347,350	357,770	368,503	379,55
TOTAL FACILITIES EXPENDITURES					1,153,900	1,662,627	3,171,616	1,180,874	1,190,411	1,200,233	1,210,350	1,220,770	1,231,503	1,242,55
TOTAL APPARATUS EXPENDITURES/VEHICLE					0	426,648	260,000	210,000	0	0	674,960	1,894,952	215,000	(
FIREFIGHTING CAPITAL EQUIPMENT						444,337	45,668	47,038	1,148,449	49,902	51,399	51,399	51,399	51,39
IT CAPITAL EXPENDITURES						20,000	20,399	21,011	21,642	22,291	22,960	22,960	22,960	22,96
OTHER CAPITAL EXPENDITURES						15,000	15,150	15,302	15,455	15,609	15,765	15,923	16,082	16,24
TOTAL CAPITAL	1				\$ 1,153,900	\$ 2,568,612	\$ 3,512,833	\$ 1,474,225	\$ 2,375,956	\$ 1,288,035	\$ 1,975,434	\$ 3,206,004	\$ 1,536,944	\$ 1,333,16

MORAGA-ORINDA FIRE DISTRICT

APPARATUS & VEHICLE REPLACEMENT PLAN: 2021 - 2031

Apparatus Costs

DRAFT:	MARCH 2021													
	DESCRIPTION	AGE	REPLACE DATE	2017 COST	PROJ 21/22	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
	ENGINES STRUCTURE PROTECTION													
1000	ENGINES - STRUCTURE PROTECTION	22	1	E0E 163						1		1	1	
	ENGINE TYPE 1 SPARTAN, HI-TEC (RESERVE APPARATUS) ENGINE TYPE 1 PIERCE	23	0000	585,163 585,163								707 577		
		13 9	2028	585,163								727,577		
	ENGINE TYPE 1 PIERCE ENGINE TYPE 1 PIERCE	4	2032 2037	602,834										
	ENGINE TYPE I PIERCE	4	2037	602,834										
2017	ENGINE TIPE TPIENCE	4	2037	002,034	ļ. l									
	ENGINES - WILDLAND													
	ENGINE TYPE 3 WESTATES	19	2022	386,428		426,648								
	ENGINE TYPE 3 WESTATES	19	2022	386,428							426,648			
	ENGINE TYPE 3 PIERCE	13	2028	386,428								480,475		
2010	ENGINE TYPE 3 PIERCE	11	2028	386,428								480,475		
	ENGINES -													
2018	ENGINE TYPE 6	3	2038	151,250										
			•		'	'	'							
	AERIAL LADDER TRUCKS													
	TRAINING TILLER TRUCK - SEAGRAVE 100' - WILL SELL IN 2021	32	N/A	30,000										
2017	TILLER TRUCK - 100' PIERCE	4	2033	1,286,924										
	SPECIALIZED APPARATUS													
2009	WATER TENDER PIERCE-KENWORTH	12	2034	300,000										
2003	WATER TENDERT IEROE-REINWORTH		2004	300,000							l .			
	AMBULANCES													
2015	AMBULANCE NAVISTAR TERRASTAR LEADER	6	2028	212,277			210,000							
	AMBULANCE NAVISTAR TERRASTAR LEADER	6	2028	212,277			2.0,000	210,000						
	AMBULANCE	4	2028	180,645				-,			210,000			
	AMBULANCE	4	2028	180,645							- ,		215,000	
	COMMAND VEHICLES				<u> </u>									
	COMMAND CHEVY SUBURBAN - OCMA	13	N/A	60,000										
	COMMAND-CHEVY SUBURBAN - RESERVE	13	N/A	60,000										
	COMMAND CHEVY TAHOE	4	2028	52,048								64,715		
2019	COMMAND-DODGE 2500	2	2029	70,000								100,000		
	SUPPORT VEHICLES													
2011	CHEVY TAHOE	10	N/A	34,700										
	FORD EXPLORER	9	2022	34,700							38,312			
	FORD EXPLORER	4	2028	33,546							50,512	41,710		
	DODGE 5500 AIR LIGHT UNIT	2	N/A	250,000								41,710		
•			•		'	<u>'</u>	'							
-	UTILITY VEHICLES													
	UTILITY FORD F250	21	N/A	60,000										
	FORD RANGER	16	N/A	18,769										
	FORD RANGER	16	2023	18,769			25,000							
	FORD RANGER	16	2023	18,769			25,000							
	DODGE 2500	2	2034	40,000										
2021	DODGE 2500	0	2036	50,000							L			
	TOTAL APPARATUS EXPENDITURES/VEHICLE				0	426,648	260,000	210,000	0	0	674,960	1,894,952	215,000	(
									, ,					
	CAPITAL FUND BALANCE (PROJ), END OF YEAR WITH PURCHASES				3,574,884	1,786,325	557,916	871,616	287,224	894,536	813,698	(497,333)	760,223	1,322,228

FIREFIGHTING/RESCUE APPARATUS

AMBULANES
COMMAND/SUPPORT/STAFF VEHICLES

Blue numbers denote lease financing (Demotes cost savings)

Notes: 1) 2% Inflation Factor per year; 2) District will maintain 2 Reserve engines and 1 reserve truck in accordance with ISO standards.