



# Moraga-Orinda Fire District

## Board of Directors

### REGULAR MEETING

August 18, 2021

**6:00 p.m. CLOSED SESSION**

**7:00 p.m. OPEN SESSION**

*Pursuant to Executive Order N-29-20, Teleconferencing Restrictions of the Brown Act have been suspended.*

#### **PLEASE NOTE TELECONFERENCE MEETING INFORMATION:**

To join the Meeting:

By Phone: 1-669-900-6833

Please click the link below to join the webinar by Zoom:

<https://us02web.zoom.us/j/85837650115>

Webinar ID: 858 3765 0115

**Public Participation** is encouraged by joining via the ZOOM link or the dial-in information above. You can access it either via a smartphone or computer App (Zoom) or via phone.

Live Public Comment can be provided via the Zoom app (during public comment) by the raise hand feature. If participating by phone, dial \*9 to raise your hand. Staff will call on participants by the name provided or last 4 digits of phone number for dial-in attendees. When your name or number is called, a notification is sent requesting that you unmute your microphone. Participants will be called in the order of hands raised to comment.

Written Public Comment can be provided via email at [info@mofd.org](mailto:info@mofd.org).

- Emails received by **3pm** on the day of the meeting will be forwarded to the Board of Directors. Emails will be made a part of the public record and available to view by 5pm on the day of the meeting by following this link [www.mofd.org/agendas](http://www.mofd.org/agendas)
- Comments may also be submitted by e-mail during the meeting up until the closure of the public comment period on the relevant agenda item. These will be read into the record by staff at their normal cadence and will be limited to a maximum of 3 minutes. To be read into the record, email must contain in the subject line "Public Comment – Not on the Agenda" or "Public Comment – Agenda Item #" with the relevant agenda item indicated.

The meeting will be live streamed via the MOFD YouTube Channel. A link is accessible via the District's website.

#### 1. OPENING CEREMONIES

- 1.1. Call the Meeting to Order
- 1.2. Roll Call

#### 2. PUBLIC COMMENT

General public comment on any closed session item that will be heard. Comments may be limited to no more than three minutes pursuant to board policy.

#### 3. CLOSED SESSION

##### 3.1. **Conference with Labor Negotiator**

(Government Code Section 54957.6)

Agency Designated Representative: Jonathan Holtzman

Employee: David Winnacker, Fire Chief

##### 3.2. **Conference with Labor Negotiator**

(Government Code Section 54957.6)

Agency Designated Representative: Donna Williamson

Employee Organization: Local 1230, International Association of Firefighters IAFF

##### 3.3. **Conference with Labor Negotiator**

(Government Code Section 54957.6)

Agency Designated Representative: Donna Williamson

Employee Organization: Moraga-Orinda Fire Chief Officers' Association

#### 4. RECONVENE THE MEETING

- 4.1. Call the Meeting to Order
- 4.2. Roll Call

#### 5. REPORT OF CLOSED SESSION ACTION

6. PUBLIC COMMENT – ITEMS NOT ON THE AGENDA

At the beginning of each regular District Board meeting, any member of the public may address the District Board concerning any item **not** on the Board's agenda but within the subject matter jurisdiction of the Board. Speakers will be limited to three (3) minutes unless otherwise specified by the Presiding Officer. The public will be given an opportunity to speak on each agenda item at the time it is called. The Board may discuss and/or take action regarding any or all of the items listed below. Once the public comment portion of any item on this agenda has been closed by the Board, no further comment from the public will be permitted unless authorized by the Board and if so authorized, said additional public comment shall be limited to the provision of information not previously provided to the Board or as otherwise limited by order of the Presiding Officer or the Board.

7. CONSENT AGENDA

7.1. **Meeting Minutes – July 21, 2021 (Regular)**

Staff Recommendation: Approve and File

7.2. **Monthly Incident Report – July 2021**

Staff Recommendation: Approve and File

7.3. **Monthly Check/Voucher Register – July 2021**

Staff Recommendation: Approve and File

7.4. **Monthly Financial Report – July 2021**

Staff Recommendation: Approve and File

8. REGULAR AGENDA

8.1. **Fire Hydrant Maintenance**

Staff will present information to the Board regarding fire hydrant maintenance.

Staff Recommendation: 1) No action required; Informational purposes only.

8.2. **Planning for Return to In-Person Board Meetings and the Option to Provide Virtual Public Access to Public Meetings Beginning October 2021**

Staff Recommendation: 1) No action required; Informational purposes only

8.3. **Adopt Resolution No. 21-15 Adopting Amendment-4 to Employment Agreement Between Moraga-Orinda Fire District and David Winnacker**

Staff Recommendation: 1) Discuss; 2) Deliberate; 3) Adopt Resolution No. 21-15 Adopting Amendment-4 to Employment Agreement Between Moraga-Orinda Fire District and David Winnacker.

8.4. **Discount Rate for the Other Post-Employment Benefits Actuarial Valuation Report as of June 30, 2021 and for the Pension Rate Stabilization Trust Fund**

Staff Recommendation: 1) Discuss; 2) Deliberate; 3) Follow the actuary's recommendation and direct the use of a discount rate of 6.14% reduced from the current Board directed assumption of 6.25% for the GASB 75 OPEB Actuarial Valuation Report as of June 30, 2021; 4) Provide direction regarding the discount rate used for the Pension Rate Stabilization Trust funding and District pension information provided in the next Long Range Financial Forecast update scheduled for April 2022.

9. COMMITTEE REPORTS

9.1. **Audit Committee (Directors Danziger and Jex)**

9.2. **Finance Committee (Directors Danziger and Jorgens)**

9.3. **Facilities Station 41 Ad Hoc Committee (Directors Baitx and Donner)**

9.4. **Joint Fire Prevention Ad Hoc Committee (Directors Danziger and Jorgens)**

10. ANNOUNCEMENTS

10.1. **Brief information only reports related to meetings attended by a Director at District expense (Government Code Section 53232.3(d))**

10.2. **Questions and informational comments from Board members and Staff**

10.3. **Fire Chief Updates**

10.3.1. **Operations**

10.3.2. **Human Resources**

10.3.3. **Finance**

10.3.4. **Fire Marshal**

10.4. **Communications Received**

10.4.1. **Nick Lawrence**

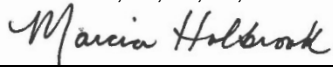
10.5. **Future Agenda Items**

11. ADJOURNMENT

*The Moraga-Orinda Fire Protection District ("District"), in complying with the Americans with Disabilities Act ("ADA"), requests individuals who require special accommodations to access, attend and/or participate in District Board meetings due to a disability, to please contact the District Chief's office, (925) 258-4501, at least one business day prior to the scheduled District Board meeting to ensure that we may assist you.*

Any disclosable public records related to an open session item on a Regular meeting agenda and distributed by the Moraga-Orinda Fire District to a majority of members of the Board of Directors less than 72 hours prior to that meeting are available for public inspections at 1280 Moraga Way, Moraga, during normal business hours.

I hereby certify that this agenda in its entirety was posted on **August 13, 2021**, at the Moraga and Orinda Fire Administration offices, Stations 41, 42, 43, 44, and 45. Agenda provided to the Moraga Town Office (Hacienda) and Orinda City Hall.



Marcia Holbrook, District Secretary/Clerk



Moraga-Orinda Fire District  
**BOARD OF DIRECTORS**  
**REGULAR BOARD MEETING MINUTES**  
July 21, 2021

**1. OPENING CEREMONIES**

The Board of Directors convened a teleconference Open Session at **6:01 p.m.** on **July 21, 2021**, via the Zoom application <https://us02web.zoom.us/j/87941378692>, webinar id: 87941378692 and by phone 669-900-6833. Pursuant to Executive Order N-29-20, teleconferencing restrictions of the Brown Act have been suspended. MOFD is closely following the latest Public Health Order from the Contra Costa Health Services issued on March 17, 2020. At this time, all formal public meetings will continue remotely.

President Jorgens called the meeting to order and requested an attendance roll call. Present were the following Directors and Staff:

President Jorgens	Director Donner	Amy Ackerman, District Council
<del>Director Baitx</del> (absent)	Director Jex	Marcia Holbrook, District Clerk
Director Danziger	Dave Winnacker, Fire Chief	

**2. PUBLIC COMMENT (audio 1:37)**

President Jorgens opened Public Comment on the closed session items. There were no requests to address the Board. President Jorgens closed Public Comment.

District Council Ackerman reported a formal request for advice was submitted to the FPPC (Fair Political Practices Commission) on July 7, 2021, regarding Director Baitx's potential conflict of interest in labor negotiations. Director Baitx has decided to refrain from participating in those matters until the advisory opinion is received from the FPPC. Director Baitx does not intend to join the closed session relating to the labor negotiations but is entitled to participate in the real estate matter on the closed session agenda.

At **6:03 p.m.**, the Board adjourned to Closed Session.

**3. CLOSED SESSION**

**3.1 Conference with Labor Negotiator**

(Government Code Section 54957.6)  
Agency Designated Rep: Jonathan Holtzman  
Employee: David Winnacker, Fire Chief

**3.2 Conference with Labor Negotiator**

(Government Code Section 54957.6)  
Agency Designated Rep: Donna Williamson  
Employee Organization: Employee Organization: Local 1230, International Association of Firefighters IAFF

**3.3 Conference with Labor Negotiator**

(Government Code Section 54957.6)  
Agency Designated Rep: Jonathan Holtzman  
Employee Organization: Unrepresented Employees

**3.4 Conference with Labor Negotiator**

(Government Code Section 54957.6)  
Agency Designated Rep: Donna Williamson  
Employee Organization: Moraga-Orinda Fire Chief Officers' Association

**3.5 Conference with Real Property Negotiators**

(Government Code Section 54956.8)  
Agency Negotiator: David Winnacker  
Negotiating parties: Moraga School District  
Under Negotiations: Consideration of and authorization to proceed with real estate negotiations by the Fire Chief regarding potential acquisition of the real properties concerning price and terms of payment. Real Property: Moraga Way, Orinda CA 94563 (APN 270-302-006-1) and 1010 Camino Pablo, Moraga CA 94556 (257-210-013-5).

**4. RECONVENE THE MEETING (audio 5:32)**

**4.1 Call the Meeting to Order**

**4.2 Roll Call**

President Jorgens reconvened the Moraga-Orinda Fire District Board of Directors' regular business meeting at **7:01 p.m.** and requested an attendance roll call. Present were the following Directors and Staff:

President Jorgens	Director Jex	Mary Smith, Finance Manager
<del>Director Baitx</del> (absent)	Dave Winnacker, Fire Chief	Amy Ackerman, District Council
Director Danziger	Gloriann Sasser, Admin. Services Director	Marcia Holbrook, District Clerk
Director Donner	Lisa Dalton, Human Resources Manager	

**5. REPORT OF CLOSED SESSION ACTION (audio 5:59)**

President Jorgens stated that the Board took no reportable action on agenda items 3.1-3.5.

**6. PUBLIC COMMENT - ITEMS NOT ON THE AGENDA (audio 6:10)**

President Jorgens opened Public Comment.

Written comments received by 3:00 p.m. were forwarded to the Board of Directors and available for viewing on the District website. 1) Oakland Firewise.

Written Public Comments received after 3 p.m., attached to these minutes, item 6.0 attachment A. 1) Mark Coppe.

Fire Chief Winnacker responded to Mr. Coppe's written comments stating East Bay Municipal Utility District (EBMUD) has the responsibility and obligation to inspect the fire hydrants and maintain their water system. EBMUD has stated they are a Regional agency and not subject to MOFD jurisdiction. The appropriate route for residents to relay concerns is via Representative Marguerite Young on the EBMUD Board.

**There were no further requests to address the Board. President Jorgens closed Public Comment.**

## 7. **CONSENT AGENDA (audio 10:07)**

7.1 Meeting Minutes – June 16, 2021 (Regular), June 28, 2021 (Special), July 13, 2021 (Special). Approved and Filed

7.2 Monthly Incident Report – June 2021. Approved and Filed

7.3 Monthly Check/Voucher Register – June 2021. Approved and Filed

7.4 Monthly Financial Report – June 2021. Approved and Filed

7.5 Quarterly Investment Report – June 2021. Approved and Filed

**President Jorgens opened Public Comment. There were no requests to address the Board. President Jorgens closed Public Comment.** No discussion by the Board.

**Motion by Director Danziger and seconded by Director Jex to approve Consent Agenda items 7.1 through 7.5. Said motion carried 4-0-1-0 roll call vote (Ayes: Danziger, Donner, Jex, and Jorgens; Noes: None; Absent: Baitx; Abstain: None).**

## 8. **REGULAR AGENDA**

### 8.1 **PARS OPEB Pre-Funding and Pension Rate Stabilization Trust Program Annual Client Review (audio 11:25)**

PARS (Public Agency Retirement Services) provided the annual review of the trust program. Executive Vice President Mitch Barker, Client Services Coordinator Angela Tang, and High Mark Capital Management Senior Portfolio Manager Andrew Brown presented the review. (The presentation is available in the board packet, Item 8.1 Attachment A, "OPEB Pre-Funding Trust Program & Pension Rate Stabilization Program Client Review."). Ms. Tang reviewed a Summary of Agency OPEB Plan and actuarial results as of June 30, 2020, pages 5 through 8 of the presentation. Ms. Tang provided an overview summary of the Pension Plan information, pages 9 through 10, and funding status for the District described on page 11. Mr. Brown reviewed the Economic and Market forecasts for years 2021 and 2022, page 13. Mr. Brown summarized that the forecast shows a strong recovery for this year and the growth slowing down for next year. A moderate inflationary environment is shown, and inflation will be transitory. The Fed Funds Target rate is forecast at 0 to 0.25% until 2023.

Mr. Brown reviewed the Selected Period Performance for the period ending June 30, 2021, page 14. Mr. Brown explained that the OPEB and the Pension Plan are invested with the same investment objective. The differences are in the cash flow timings of contributions received into the plans. The fixed income has not generated any positive return over the last 12 months. Mr. Brown summarized the investment breakdown (80% stock, 20% Bond/Cash portfolio), the gross investment management fee at .0329% (incurred with the combined balances of pension and OPEB) is approximately 30 basis points. Total Managed Portfolio is a net of .3029% over the last 12 months for the period ending June 30, 2021.

Mr. Brown discussed the Asset Allocation on page 15 (79% equities, 20% fixed income, and 1% cash). Compared to a policy benchmark of 75% stocks and 5% cash, the district is 4% overweight in stocks and 4% underweight in cash. The fixed income is neutral at a 20% allocation. Mr. Brown summarized the investments and performance numbers reported on page 14. Mr. Brown provided recommendations as requested by Staff. Mr. Brown recommended continuing with the current investment strategy with the OPEB plan (consistent funding, aggressive stance, a long-term time horizon). The 6.25% discount rate is reasonable and would continue at that rate for plan assets and liabilities.

Mr. Brown recommended a change in the funding ratio for the Pension plan. The funding ratio is 87%. If combined \$5.5M of assets, it would increase to a 90% funding ratio. Mr. Brown explained there is merit in taking less risk given the healthy funding ratio that the Pension Plan currently maintains. If the Board was considering taking some of these assets and sending them to CCCERA to pay down liability, that would cause a more conservative recommendation for the plan asset allocation.

Director Danziger asked what the Dow Jones average was for the same period. Mr. Brown did not have the Dow Jones average. President Jorgens stated that the S&P was listed on page 16 as a comparison at 40.79%.

Director Jex stated that during the last review, the Directors commented on the poor performance of the fixed income and raised the question as to why any funds were allocated to fixed income. Mr. Brown explained the investment objective and risk/reward and risk mitigator.

President Jorgens inquired about the expectations of the portfolio over the next 20 years. Mr. Brown answered High Mark Capital predicts 6.62 points average for a 20-year horizon capital appreciation. President Jorgens commented that CCCERA assumes a 7% rate and disagreed with the 87% funded forecast. CCCERA has underachieved on a regular basis which is why it has a pension deficit. The District had a fully funded pension in 2005 and now has a \$25M pension deficit.

Director Jex opposed giving additional money to CCCERA to reduce the liability and added the reason the District set up the Trust was due to the CCCERA poor performance and unrealistic revenue stream. President Jorgens agreed. In light of these comments, Mr. Brown withdrew his previous comments regarding reallocation of assets and recommended staying the course with both the OPEB and Pension Plan.

**President Jorgens opened Public Comment. There were no requests to address the Board. President Jorgens closed Public Comment.** No further discussion from the Board.

## **8.2 Resolution 21-07 Establishing the FY2021/22 Fire Flow Tax Rates for the Orinda and Moraga Service Zones (audio 31:20)**

Fire Chief Winnacker provided the report. At the June 2021 regular board meeting during the discussion of Item 9.1, two Directors requested a future agenda item to review MOFD's fire flow tax. The fire flow tax topic had previously been addressed on several occasions, including a comprehensive report presented as Item 8.5 at the June 15, 2016, regular board meeting (attached in the board packet, item 8.2 attachment A). Prior reviews of the fire flow tax have not resulted in changes to the District's revenue model or accounting. Fire Chief Winnacker referenced the 2006-2007 resolution where the Board increased the fire flow tax in Orinda at .06 cents while leaving the fire flow tax at .05 cents in Moraga. Fire Chief Winnacker explained, with the exception of 2006-2007 years (which was an anomaly in the District's 23-year history), the fire flow taxes have been set the same in both districts every year. Fire Chief Winnacker further noted that the Moraga Service Zone includes 840 parcels in Orinda. As a result of Board action adopting Resolution 99-04 in 1999, the accounting of the two service zones was merged. Fire Chief Winnacker explained the difficulties disentangling the accounting of both the services provided and the revenue received from the District's various service zones and subdivisions.

**President Jorgens opened Public Comment.**

Written Public Comments received by 3 p.m. were forwarded to the Board of Directors and available for viewing on the District website. 1) Dick Olsen.

Dick Olsen, Moraga resident, prepared a history of the Moraga and Orinda Fire Flow taxes which was forwarded to the Board. Mr. Olsen had no additional comments to add to the information but offered to answer questions. The Directors thanked Mr. Olsen for the information provided.

Mayor Mike McCluer, Town of Moraga, read into the record a letter from the Town of Moraga in Opposition to increasing the Fire Flow Tax Rate for the Moraga Fire Flow Tax Zone. The letter is included in the board packet, Item 8.2, Attachment F.

Mike McCluer, Moraga resident, added a personal statement intending to seek a ballot measure for the Town of Moraga to cap the fire flow tax rate to the original .06 cents to be consistent with the City of Orinda.

Frank Sperling, former Moraga resident, current resident of Oakland, former Mayor of the Town of Moraga, and served on the MOFD Board of Directors opposed an increase in the fire flow tax for Moraga and commended Staff for the excellent staff report and historical documentation provided.

Dave Trotter, Moraga resident and former Mayor of the Town of Moraga, supported all of the previous comments and urged the Board to adopt the proposed resolution to maintain parity in setting fire flow taxes.

Gordan Nathan, Moraga resident, supported all the previous comments and supported equity established in the LAFCO agreement.

**There were no further requests to address the Board. President Jorgens closed Public Comment.**

Director Danziger supported maintaining the .06 cents in both Moraga and Orinda. President Jorgens proposed leaving the rate at .06 cents in both cities for this year.

No further discussion by the Board.



**Motion by Director Jex seconded by Director Donner to Adopt Resolution No. 21-07 Adopting the Fire Flow Tax rate of six cents (\$.06) in both the Moraga and Orinda service zones. Said motion carried 4-0-1-0 roll call vote (Ayes: Danziger, Donner, Jex, and Jorgens; Noes: None; Absent: Baitx; Abstain: None).**

**8.3 Adopt Resolution 21-14 Classifying the Various Components of Fund Balance as Defined in Governmental Accounting Standards Board Statement No. 54 and Adopting a Revised Fund Balance Policy (audio 50:27)**

Administrative Services Director Sasser provided the report. The District has a Fund Balance Policy that requires annual review by the Board. The policy has been reviewed along with various risk areas facing the District. The District faces risks in the areas of COVID-19, necessary capital projects, pension costs, and unfunded liabilities. The existing policy requires the District to maintain a minimum Fund balance in the general fund of 17% of budgeted revenues with a goal of achieving a 50% year-end general fund balance in the long term. Staff recommended the Board adopt resolution 20-14, which included no changes to the current fund balance policy.

**President Jorgens opened the public comment. There were no requests to address the Board. President Jorgens closed public comment.**

No further discussion by the Board.

**Motion by Director Danziger and seconded by Director Donner to Adopt Resolution 21-14 Classifying the Various Components of Fund Balance as Defined in Governmental Accounting Standards Board Statement No. 54 and Adopting a Revised Fund Balance Policy. Said motion carried 4-0-1-0 roll call vote (Ayes: Danziger, Donner, Jex, and Jorgens; Noes: None; Absent: Baitx; Abstain: None).**

**8.4 September and December 2021 Board Meeting Dates (audio 52:38)**

Fire Chief Winnacker provided the report. At the December 16, 2020 board meeting, the Board approved the 2021 regular board meeting schedule, which included the dates of September 15 and December 15, 2021. The Board directed Staff to place on the July 2021 agenda to discuss requests received from Directors to move the September 15 and December 15, 2021 board meetings to different dates.

**President Jorgens opened the public comment. There were no requests to address the Board. President Jorgens closed public comment.**

All Directors agreed no conflicts existed. No changes were made to the 2021 board meeting schedule.

**8.5 Planning for Return to In-Person Board Meetings and the Option to Provide Virtual Public Access to Public Meetings Beginning October 2021 (audio 53:46)**

Fire Chief Winnacker provided the report and reviewed the background of the Executive Orders that were issued suspending teleconferencing restrictions of the Brown Act due to the COVID-19 pandemic. All formal public meetings meet remotely via the Zoom application, which allowed full verbal and written public participation. In June 2021, an Executive Order was issued requiring public agencies to return to in-person public meetings effective October 1, 2021. Beginning October 2021, the District will hold all public meetings in person as required by State law. Staff requested Board direction regarding whether the District should provide optional virtual public access to public meetings beginning in October 2021. Virtual public access is not required by law and will require District investment in new equipment. Further challenges exist as the District does not own meeting space and rotates meeting locations between Moraga and Orinda on monthly basis.

Fire Chief Winnacker reviewed the challenges outlined in the staff report for holding public meetings in person and virtually at the same time. The District does not own a room to hold public board meetings. As a result, the District uses rooms that belong to other public agencies, which are not always available. Several different locations are used due to scheduling conflicts. In addition, the District attempts to hold public meetings in both Moraga and Orinda on a rotating basis. The District has to use portable audio equipment to record board meetings and move the equipment back and forth between the Administration office and the meeting locations. The District also has to store all equipment at Administration where space is limited. The District is reliant on the internet system that is available at the various board meeting locations. The District does not own video equipment and does not provide laptops or other technology devices to Board members for use at public meetings.

Fire Chief Winnacker reviewed three options and the fiscal impact of each option: 1) In-person only, no remote participation (pre-pandemic standard), no fiscal impact. 2) In-Person and Virtual Public Access and Participation using Zoom Room, \$20,000 - \$30,000. 3) In-Person and Virtual Public Access and Participation using Zoom, \$10,000 - \$20,000; and 4 ) contracting for both space and Staff to use the City

of Orinda and Town of Moraga facilities where they hold their board meetings. The District would need to contract for both the use of the space and for the city to provide Staff on the contract that can operate the existing audio and visual equipment present in those locations. It was noted that Moraga and Orinda have not yet been approached regarding the use of their council chambers and the availability and virtual meeting capability of these spaces is not known.

**President Jorgens opened the public comment. There were no requests to address the Board. President Jorgens closed public comment.**

Director Jex asked what the two cities are planning to do with their public meetings. Fire Chief Winnacker answered the cities have always had the option to stream because they own a fixed facility with the audio and visual equipment. It is unknown if the two cities will be enabling virtual participation. Fire Chief Winnacker stated that a proposed course of action is to utilize systems, expertise, and facilities if available.

President Jorgens asked what rooms could be used that would provide the appropriate spacing and other requirements. Fire Chief Winnacker answered the city of Orinda auditorium is large and allows for significant social distancing. Other options are the buildings of faith-based organizations that have space to allow a more dispersed meeting. Staff is working on finding options of centrally located large spaces that would not have the requirement to move the meeting month to month. President Jorgens asked if the Town of Moraga has similar facilities. Fire Chief Winnacker answered that the Town Hall space is larger than our current spaces. The social distancing and occupancy requirements for October are unknown.

Director Jex asked how much the District currently pays to rent facilities for meeting space. Fire Chief Winnacker answered that the district does not pay for the use of the current publicly owned spaces.

President Jorgens inquired if the plan would be to pay for the staff person to operate the equipment. Fire Chief Winnacker confirmed. President Jorgens supported having more participation from the public and trying to provide better access to the meetings if it is fiscally reasonable.

Director Danziger supported continuing some form of virtual participation, and suggested hiring a company if contracting with the two cities is not an option. Fire Chief Winnacker explained the option is expensive. Director Danziger stated that initial research is about \$2,500 a meeting.

President Jorgens expressed interest in determining how much it would cost to contract with the City or Town to use facilities and hiring the extra staff person to run the equipment.

Director Danziger asked if it is a District policy to rotate the meeting between towns each month. Fire Chief Winnacker confirmed it is not required but has been past practice. Staff would try to identify a central location between the two communities with the potential for a virtual option.

President Jorgens supported the option of utilizing the City and Town facilities and equipment to eliminate Staff's time and effort of carrying the equipment from the headquarters to different meeting locations. Fire Chief Winnacker agreed.

Director Jex agreed with trying to find one location due to the history of injuries as a result of the weight of lifting and moving the equipment.

President Jorgens requested that the Staff follow up with the cities, determine the cost, and bring that back to the Board. Fire Chief Winnacker confirmed and reaffirmed that the Board is interested in a hybrid, combination of the required in-person and a virtual option, and Staff will bring back a recommendation. All Directors agreed.

#### **8.6 Approval of Salary Schedule and Increase in District Contributions for Medical Insurance for Unrepresented Employees Effective July 1, 2021 (audio 70:11)**

Fire Chief Winnacker provided the report. Historically District employees receive annual salary increases. The District has unrepresented employee classifications which are not covered by a Memorandum of Understanding or separate employment contract. The last salary increase for these unrepresented employees was 2%, effective July 1, 2020. Staff recommended unrepresented employees receive a 2% wage increase effective July 1, 2021, consistent with the prior fiscal year. The proposed salary schedule is available in the board packet Item 8.6, attachment A. The District's monthly contribution for medical insurance for unrepresented employees is a fixed dollar amount and has not increased since January 1, 2019. During that time, Kaiser insurance rates have increased 5.9%. Employees have borne the cost of the increase as the District contribution is fixed. Staff recommended the District increase the employer contribution for unrepresented employees (excluding the Fire Chief) effective July 1, 2021, to a fixed dollar amount equal to 90% of the Kaiser rate as listed in the staff report. The projected FY2022 total cost of the salary and medical insurance increase is \$32,270. Staff recommended approving the Salary Schedule and Increase in District Contributions for Medical Insurance for Unrepresented Employees Effective July 1,



2021, as follows: Employee only: \$733 per month, Employee +1: \$1,465 per month, and Employee +2 or more: \$1,904 per month.

**President Jorgens opened the public comment. There were no requests to address the Board. President Jorgens closed public comment.** No further discussion by the Board.

**Motion by Director Danziger and seconded by Director Jex to Approve Salary Schedule and Increase in District Contributions for Medical Insurance for Unrepresented Employees Effective July 1, 2021, as follows: a) Employee only: \$733 per month, b) Employee +1 \$1,465 per month, c) Employee +2 or more: \$1,904 per month. Said motion carried 4-0-1-0 roll call vote (Ayes: Danziger, Donner, Jex, and Jorgens; Noes: None; Absent: Baitx; Abstain: None).**

**9. COMMITTEE REPORTS (audio 72:31)**

- 9.1 **Audit Committee (Directors Danziger and Jex).** No report
- 9.2 **Finance Committee (Directors Danziger and Jorgens).** No report.
- 9.3 **Facilities Station 41 Ad Hoc Committee (Directors Baitx and Donner).** No report.
- 9.4 **Joint Fire Prevention Ad Hoc Committee (Directors Danziger and Jorgens).** No report.

**President Jorgens opened the public comment. There were no requests to address the Board. President Jorgens closed public comment.** No discussion by the Board

**10. ANNOUNCEMENTS (audio 72:57)**

- 10.1 **Brief information only reports related to meetings attended by a Director at District expense** (Government Code Section 53232.3(d)). No report.
- 10.2 **Questions and informational comments from Board members and Staff.** No report.
- 10.3 **Fire Chief Updates**

**10.3.1 Human Resources**

Human Resources Manager Dalton provided the report. Cal/OSHA COVID regulations were implemented and updated to include; establishing a vaccination self-attest form, modifying masks, and return to work requirements to be in line with Cal/OSHA return to work standards. Contra Costa County reestablished recommendations that all individuals wear masks indoors. In January 2020, the District moved to a new EAP provider Concern. Concern specializes in First Responders and provides various free and confidential wellness programs (child care, elder care, financial planning, counseling services, and legal services). The District's 2021 annual utilization projections are high compared against Concern's overall average utilization. Flu shot clinics will be available to District employees in September, and CalPERS Open Enrollment is scheduled September 20<sup>th</sup> through October 15<sup>th</sup>. Future projects include researching systems and cost comparisons for a digital forms processing platform.

**10.3.2 Finance Report**

Finance Manager Smith provided the report and gave a presentation on the status of OES reimbursements, attached to these minutes, Item 10.3.2, attachment A. Director Jex inquired about the response time for payment of the COVID invoices. Finance Manager Smith answered COVID invoices had been paid faster than the wildfire invoices.

**10.3.3 Fire Marshal**

Fire Chief Winnacker provided the report. The District received 75 dead tree complaints, 121 exterior hazard complaints, 477 property transfer inspections, and 1798 exterior hazard inspections (578 passed/1220 failed). Staff has issued ten pre-citations, 137 Notices to Abate, and held three Abatement Hearings with the Board issuing orders for the Fire Chief to abate the three properties. Fire Chief Winnacker provided a status report on each property.

Staff completed 67 days of chipping and removed 309 tons of material. Staff conducted one state-mandated inspection and 255 plan reviews. Fire Chief Winnacker reviewed current projects and plans for the quarter (chipper and chipper truck purchase, inspections, working on AB 2911 compliance for CAL FIRE, citations, and abatement hearings).

Fire Chief Winnacker continued with the Fire Chief update. Additional resources were added for the 4th of July holiday as part of a countywide task force. The District's Communication Support Team volunteers staffed hilltops for fire watch lookout which also functioned as an exercise of the backup emergency communication system. Prescribed fires were completed at Painted Rock and Campolindo Ridge in Moraga, which provided a regional training opportunity for units throughout the area and provided fuel mitigation benefits. Staff completed a multi-agency drill on June 30 in the Caldecott Tunnel. The agencies included MOFD, CHP, CalTrans, State Fire Marshal's Office, Oakland Fire, and Con Fire. The

drill tested the new emergency power backup generators during a public safety power shutoff event. Fire Chief Winnacker shared photos and described the training exercise.

Fire Chief Winnacker shared two positive incidents with Engine 41 and Medic 41 responding to an EMS call with a pulseless and apneic patient resulting in the return of spontaneous circulation in the field. Defibrillation was administered a total of four times on scene. Fire Chief Winnacker commended the Crew and family member (who performed CPR) as survival relies on a number of steps in the chain of survival, beginning with the family member providing timely and effective CPR, the crew arriving rapidly, a seamless transition of the First Responder CPR to ACLS, and rapid transport to definitive care. The second incident involved Engines 45 and 43 responding to a vehicle fire report on Highway 24 at Wilder. After arriving on scene, E43 was struck by a vehicle on the driver's right-side bumper causing significant damage. Fire Chief Winnacker commended the crews on scene and the excellent use of the apparatus to protect the scene, and the direction provided by the Captain to protect the Engineer by leaving him in the engine rather than exposing him to traffic. Had the Engineer been out of the vehicle, he would have been in the path of that vehicle.

Fire Chief Winnacker reported on the red flag event on Sunday (7/18) and Monday (7/19). MOFD up-staffed additional units during the event, which did not materialize due to weather changes. Staff anticipates further red flag events as we approach the fall. The fire activity throughout the state is extraordinary, and the District has had a number of firefighters and officers deployed throughout the state. The District continues to benefit from the experience gained by deployed members

Director Danziger inquired on the status of Caltrans performing work along Highway 24. Fire Chief Winnacker answered Caltrans had recognized the need for enhanced vegetation management work on the state-owned lands. Caltrans asserts exemption from local oversight on state-owned lands and is not subject to our fire code. Caltrans has an agreement with MOFD and other local fire agencies to maintain the land and participate in our regional fire risk reduction efforts. Caltrans has established a \$30M fund for fuel reduction and the first projects to be funded are Highway 24, Highway 13, and Highway 84 in Livermore. Director Danziger inquired about the \$13M funded to East Bay Regional Parks to remove dead and dying trees from Tilden Park to Orinda. Fire Chief Winnacker deferred to East Bay Parks about the fuel reduction plans for the funds.

#### 10.4 Communications Received

No report.


#### 10.5 Future Agenda Items

No report.

**President Jorgens opened the public comment. There were no requests to address the Board. President Jorgens closed public comment. No further discussion by the Board.**

#### 11. ADJOURNMENT

**At 8:33 p.m., Director Jex motion and seconded by Director Danziger to adjourn the meeting. Said motion carried 4-0-1-0 roll call vote (Ayes: Danziger, Donner, Jex, and Jorgens; Noes: None; Absent: Baitx; Abstain: None).**

  
Marcia Holbrook,  
District Secretary/District Clerk

For an audio recording of this and other Board meetings, please visit the MOFD District Board Meeting at [www.mofd.org/agendas](http://www.mofd.org/agendas).

**From:** [Mark Coppe](#)  
**To:** [Info](#)  
**Subject:** "Public Comment – Not on the Agenda"  
**Date:** Wednesday, July 21, 2021 6:53:47 PM

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Since the last MOFD board meeting, I have noticed MOFD maintaining fire hydrants within my neighborhood - specifically painting the caps and clearing obstructing brush. Thank you. I look forward to seeing the placement of the blue decals.

I have also received a spreadsheet from EBMUD listing all the fire hydrants that have been inspected within the last five years. Can you believe that only one hydrant from Moraga (address unknown) and three from Orinda are on that list? This is unacceptable. As MOFD has continually deferred to EBMUD for the list of inspections, this has confirmed that MOFD has performed none over this extended period.

These fire hydrants are instrumental in preventing a "smaller" house fire or brushfire from becoming a wildfire. Given that many of these hydrants and water lines are old, coupled with the continuous ground movements, construction, and traffic, it is unlikely that all of the hydrants currently would pass an inspection recommended by the NFPA.

I have had meetings with Michael Ambrose from EBMUD to discuss the possibility of a dedicated inspection program. While Michael still thinks that annual inspections are too much, given that EBMUD maintains over 28,000 hydrants, he would like to prioritize inspection frequency based on metrics such as the age of the hydrant, amount of nearby fuel, high-risk structures (e.g., schools) and population centers. Michael was going to discuss the next steps with one of his managers.

Even though EBMUD concluded that there was a low failure rate amongst the sampled hydrants, the hydrants that EBMUD inspected within the last five years were those that required maintenance due to collisions within traffic and/or construction issues. Therefore, some type of routine fire hydrant inspection plan that tests the integrity of the hydrants and the connections, while establishing the current water pressure is needed. This is what I am asking for. In Michael's defense, he pointed out that none of the Bay Area fire departments have requested the need for fire hydrant inspections.

I continue to encourage Chief Winnacker to push for proper inspections. Let us set the MOFD apart from the status quo.

Mark



## Finance Report

July 21, 2021

### Strike Team Reimbursement - OES



• **Strike Team Receivable Update:**

OES Strike Team Receivable	\$3,331,187
OES Payments Received	<u>\$2,402,127</u>
<b>Net Receivable Outstanding</b>	<b>\$ 929,060</b>

- June payments - \$188k; July payments to date \$21K
- All 2020-21 fire-related invoices have been paid; remaining outstanding invoices are OES HQ Covid support related
- 27 Invoices Paid, 13 Invoices Outstanding
- Wildfire assignment activity in July

### Finance – Other items



- Covid Vaccine Clinic Reimbursement – Total reimbursement due to date = \$17.5k
- Payroll – Process salary/benefit changes upon Board approval
- GASB 75 Annual report in process – payroll and benefits reporting
- Year-end close and audit prep in process

## MOFD Response Time Summary by Incident Type (grouped) for All Code 2 and Code 3 Responses.

Will only show Incident Types that are applicable. EMS/Rescue \ Structure Fires (actual type is in a structure) \ Vegetation Fires \ Other Types Grouped - Alarms/Hazards/Pub Svc/Etc... Data Is Based On Completed RMS Incident Report Data Entered by Company Officer. Resp. Data Based on "First Arriving Unit". "In District" = Moraga, Orinda, Canyon. "Out of District" = Lafayette & any Other City Aid Provided to.

	July, 2021									Totals
	All Others (Alarms / Pub Service..)		EMS / Rescue		Structure Fires	Veg Fires		Vehicle Accidents		
	In District	Out of Dist.	In District	Out of Dist.	In District	In District	Out of Dist.	In District	Out of Dist.	
<b>Incident Totals</b>	<b>90</b>	<b>6</b>	<b>126</b>	<b>6</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>8</b>	<b>3</b>	<b>244</b>
<b>Median Turnout</b>	<b>1.33</b>	<b>1.08</b>	<b>1.10</b>	<b>1.13</b>	<b>2.03</b>	<b>1.23</b>	<b>0.86</b>	<b>1.16</b>	<b>0.83</b>	<b>1.15</b>
<b>Median Resp Time</b>	<b>6.02</b>	<b>6.85</b>	<b>5.12</b>	<b>17.89</b>	<b>3.17</b>	<b>6.48</b>	<b>13.13</b>	<b>6.25</b>	<b>7.28</b>	<b>5.57</b>
<b>Resp Time (90th%)</b>	<b>9.37</b>	<b>14.43</b>	<b>8.77</b>	<b>37.07</b>	<b>3.17</b>	<b>6.85</b>	<b>22.42</b>	<b>10.62</b>	<b>8.62</b>	<b>9.43</b>

Code 3 Response Time Summary by City and Incident Type. Times shown are based on the First Responding Units Arrival at Scene of Emergency.

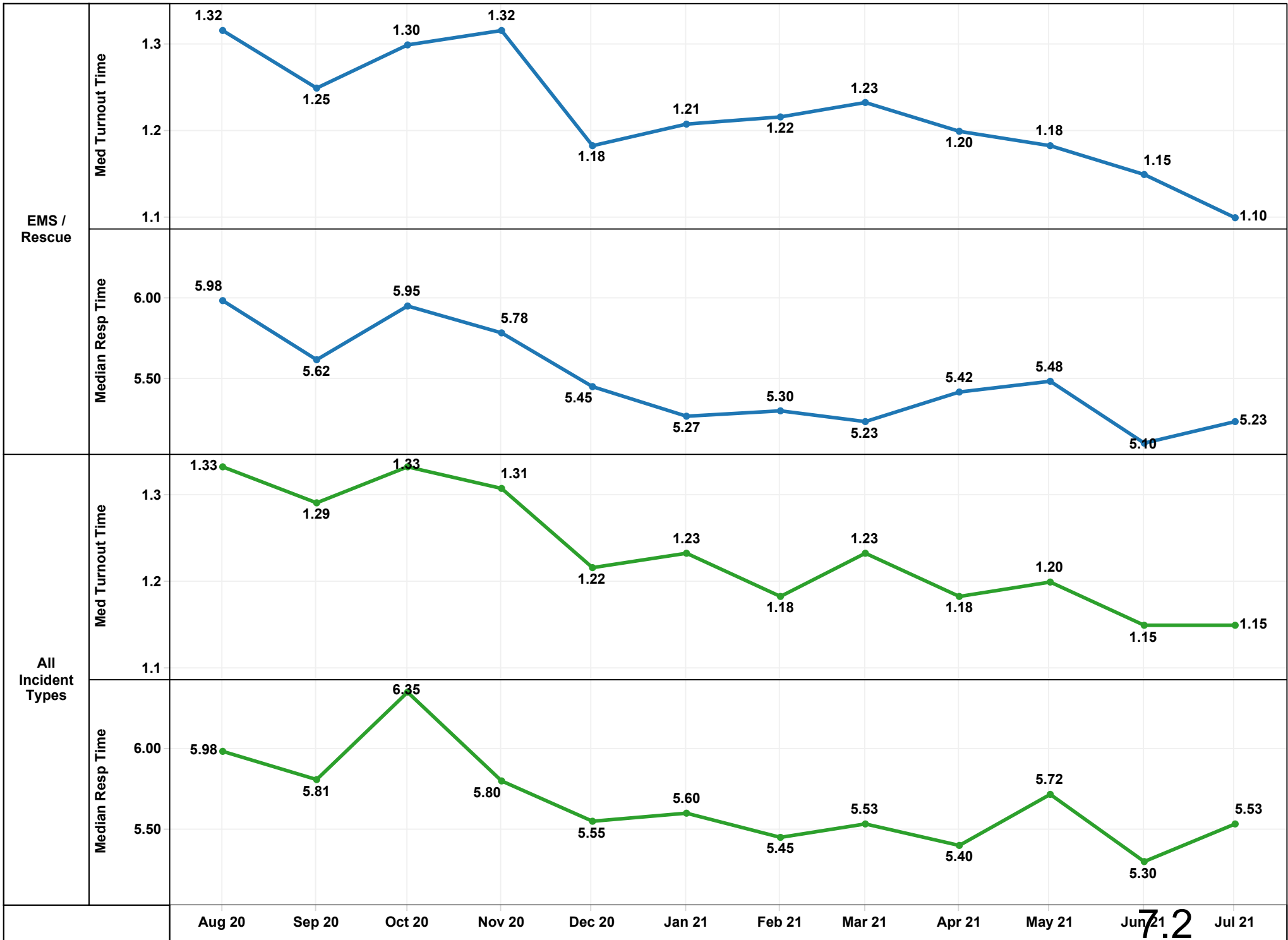
		July, 2021			
		Incident Totals	Median Turnout	Median Resp Time	Resp Time (90th%)
<b>Orinda</b>	EMS / Rescue	47	1.22	6.78	10.87
	All Other Types	15	1.35	5.10	7.78
	<b>Totals for City</b>	<b>62</b>	<b>1.28</b>	<b>5.83</b>	<b>10.12</b>
<b>Moraga</b>	EMS / Rescue	59	1.00	4.45	6.92
	All Other Types	10	1.11	6.68	8.36
	<b>Totals for City</b>	<b>69</b>	<b>1.03</b>	<b>4.53</b>	<b>7.33</b>
<b>Lafayette</b>	EMS / Rescue	4	0.70	7.95	12.75
	All Other Types	1	1.08	6.72	6.72
	<b>Totals for City</b>	<b>5</b>	<b>0.83</b>	<b>7.28</b>	<b>12.75</b>
<b>Canyon</b>	EMS / Rescue	1	0.78	7.73	7.73
	All Other Types	1	0.90	11.72	11.72
	<b>Totals for City</b>	<b>2</b>	<b>0.84</b>	<b>9.73</b>	<b>11.72</b>
<b>Overall Total</b>		<b>138</b>	<b>1.10</b>	<b>5.14</b>	<b>8.54</b>

### Response Totals By Incident Type

	Aug 20	Sep 20	Oct 20	Nov 20	Dec 20	Jan 21	Feb 21	Mar 21	Apr 21	May 21	Jun 21	Jul 21	Total
<b>All Others (Alarms / Pub Service / Etc.)</b>	<b>118</b>	<b>105</b>	<b>98</b>	<b>82</b>	<b>95</b>	<b>79</b>	<b>82</b>	<b>73</b>	<b>101</b>	<b>95</b>	<b>98</b>	<b>132</b>	<b>1,158</b>
<b>EMS / Rescue</b>	<b>149</b>	<b>138</b>	<b>142</b>	<b>129</b>	<b>158</b>	<b>152</b>	<b>131</b>	<b>147</b>	<b>137</b>	<b>134</b>	<b>152</b>	<b>132</b>	<b>1,701</b>
<b>Structure Fires</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>4</b>	<b>1</b>	<b>30</b>
<b>Veg Fires</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>				<b>1</b>	<b>3</b>	<b>2</b>	<b>4</b>	<b>19</b>
<b>Vehicle Accidents</b>	<b>11</b>	<b>14</b>	<b>9</b>	<b>18</b>	<b>20</b>	<b>21</b>	<b>14</b>	<b>17</b>	<b>16</b>	<b>12</b>	<b>15</b>	<b>11</b>	<b>178</b>
<b>Grand Total</b>	<b>286</b>	<b>262</b>	<b>253</b>	<b>234</b>	<b>276</b>	<b>253</b>	<b>229</b>	<b>238</b>	<b>256</b>	<b>248</b>	<b>271</b>	<b>280</b>	<b>3,086</b>

7.2

Run Chart for MOFD EMS / Rescue and All Incident Types for the last full 12 months. Median Turnout and Response Times By Month for First At Scene Units



7.2

**Incident Types**

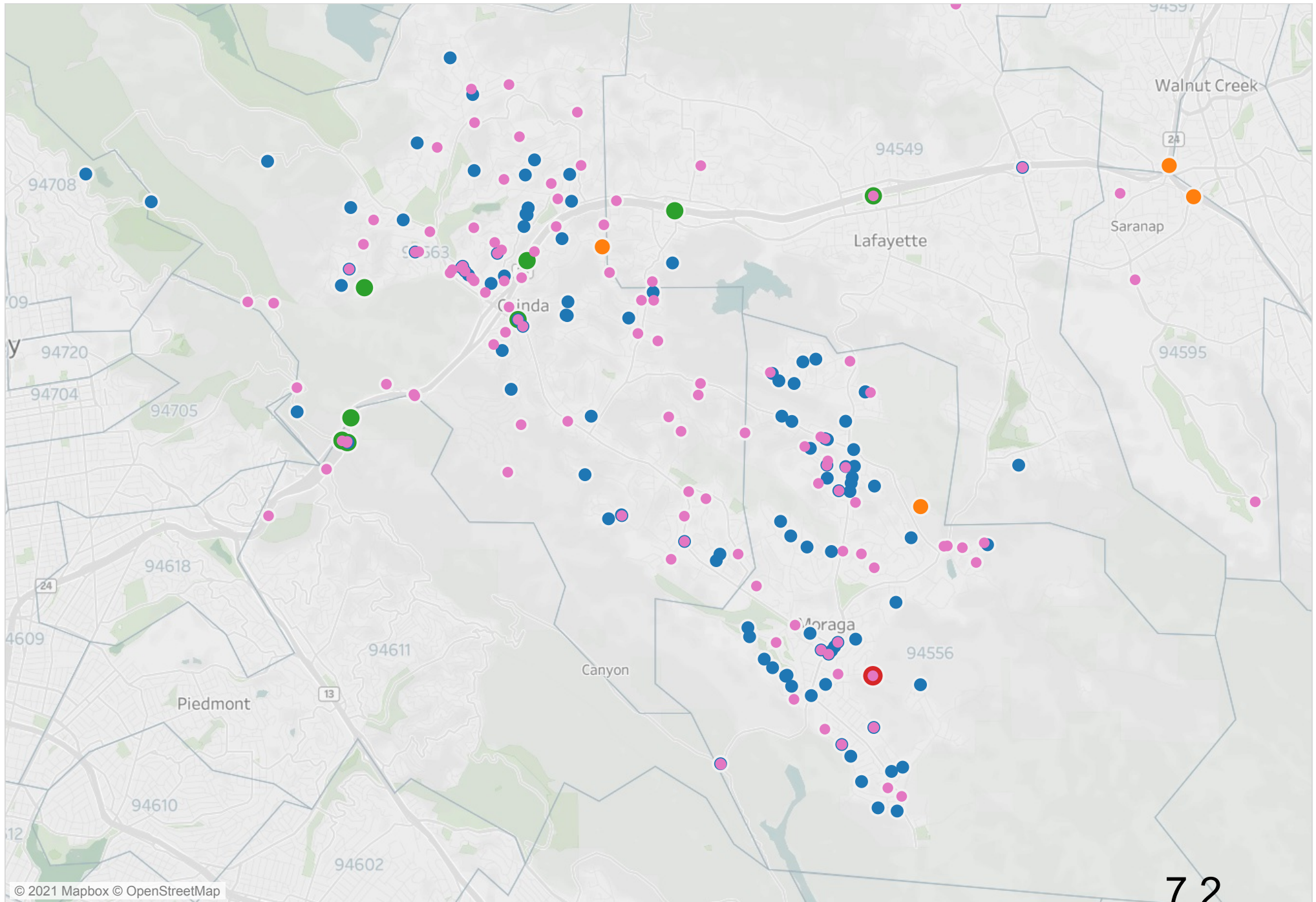
■ All Others (Alarms / Pub Service .. ■ EMS / Rescue

■ Veg Fires

■ Vehicle Accidents

■ Structure Fires

**Incident Location Map for MOFD July 2021**





Moraga-Orinda Fire District  
 Check/Voucher Register - Check Register  
 From 7/1/2021 Through 7/31/2021

Check Register - July 2021

50 - General Fund

Check Number	Check Date	Name	Check Amount	Transaction Description
743	7/29/2021	CCCERA	5,300,000.00	CCCERA Prepayment FY22
ACHCalpersJuly	7/10/2021	Calif. Public Employees'	195,541.00	CalPers July
ACHCCCERA07.1	7/10/2021		176,961.95	CCCERA/MOPFA/IAFF/Norcal - July
30039	7/21/2021	East Bay Regional Communications System Authority	27,000.00	EBRCS Radios FY2022
742	7/14/2021	U.S. Bank	25,752.97	US Bank Payment for 06.22.21
30005	7/15/2021	Alameda County Fire Department	25,498.19	Repair apparatus
30050	7/29/2021	Renne Public Law Group, LLP	22,281.50	Attorney fees - June 2021
ACHDDJuly	7/10/2021	Delta Dental Plan of Calif.	16,850.30	Delta Dental July
8454	7/9/2021	Definitive Networks, Inc.	16,092.00	IT Services - June
29994	7/8/2021	GOGovApps	15,360.00	GoGov annual subscripton - FY2022
30018	7/15/2021	CC County Auditor-Controller	12,637.38	LAFCO Cost Appnt. FY2021-22
30028	7/21/2021	Definitive Networks, Inc.	8,116.99	Ambulance toughbook replacement M45/M41
30024	7/21/2021	Alameda County Fire Department	6,865.91	Unit 462 Annual Service
30047	7/29/2021	Liebert Cassidy Whitmore	6,156.00	Labor Negotiations June 2021
	7/21/2021	L.N. Curtis & Sons	5,816.75	Turnout coats/pants
	7/29/2021	Bound Tree Medical, LLC	5,373.22	Medical Supplies
29996	7/8/2021	Granicus	5,040.00	Website - Maintenance, hosting, Licensing - Annual
29995	7/8/2021	NEOGOV	4,943.76	Subscription fee - FY22
30019	7/15/2021	Orinda Motors, Inc.	3,789.25	Unit 435 Fluid change, preventative maintenance
30001	7/8/2021	TargetSolutions Learning, LLC	3,705.00	TSCheckit - Fire Vehicles
29999	7/8/2021	Kronos Incorporated	3,270.40	Telestaff - FY 2022
	7/29/2021	L.N. Curtis & Sons	2,936.09	District Hurst Tools Annual Service
	7/8/2021	Bound Tree Medical, LLC	2,840.84	Medical Supplies
29985	7/8/2021	Reinholdt Engineering Construction	2,645.00	Stn 41 Fuel Pipe Repair
30043	7/21/2021	Seever & Sons Tire Pros	2,615.82	Replacement Tires E-43
30060	7/29/2021	Have Air Will Travel, Inc.	2,578.75	Replacement Tires E-43 Unit 441
29991	7/8/2021	American Fidelity Assurance	2,504.95	FSA/Dep Care - ki,u
29998	7/8/2021	Keenan & Associates	2,178.04	VSP/Life/Supp Life - July 2021
	7/15/2021	Pacific Gas & Electric	2,158.89	Gas & electric Stn 45 6/4-7/5/21
30013	7/15/2021	Greg Kennedy	1,920.00	1st Quarter EMS Training
	7/21/2021	Hunt & Sons, Inc.	1,869.01	Fuel Stn41 7/7/21
30051	7/29/2021	Sun Valley Heating & Air Conditioning	1,850.00	MOFD HVAC service for all stations - June
30048	7/29/2021	L.N. Curtis & Sons	1,570.73	Annual Maintenance for 42 Air Trailer
29992	7/8/2021	American Fidelity	1,448.94	Suppl Life
	7/8/2021	L.N. Curtis & Sons	1,443.21	Wildland Coats/Pants
29978	7/8/2021	C.R. Fireline, Inc.	1,433.73	Annual Maintenance
	7/21/2021	Contra Costa Health Services	1,369.00	Annual CUPA fee FY22 Stn45
	7/8/2021	C.R. Fireline, Inc.	1,312.73	Annual Maintenance - Stn 41
30031	7/21/2021	Pacific Gas & Electric	1,295.34	Gas & Electric 6/7-7/6/21
30064	7/29/2021	Orinda Motors, Inc.	1,129.67	Unit 459 Medic 45 AC Repair
30061	7/29/2021	Hunt & Sons, Inc.	1,120.66	Fuel Stn 42 7/14/21
29986	7/8/2021	Staples Business Credit	1,054.76	Household supplies
29976	7/8/2021	Bound Tree Medical, LLC	1,051.75	Atrophine/Glucagon/Amiodarone
30066	7/29/2021	Pitney Bowes Purchase Power	1,008.50	Postage Machine - july
30055	7/29/2021	A T and T	994.96	Phone Service Jul 20-Aug 19
30041	7/21/2021	Hunt & Sons, Inc.	969.64	Fuel Stn 45 7/7/21
	7/21/2021	Hunt & Sons, Inc.	932.39	Fuel Stn44 7/7/21
30003	7/15/2021	ADP, Inc.	919.45	Payroll Service 5/31 & 6/15
	7/29/2021	Pacific Gas & Electric	887.00	Gas & Electric 6/17-7/18 stn 43
30027	7/21/2021	C.R. Fireline, Inc.	882.70	Fire Extinguisher Maintenance
	7/29/2021	Hunt & Sons, Inc.	866.21	Fuel Stn 43 7/14/21
30038	7/21/2021	Dell Financial Services	851.90	Computer lease
30017	7/15/2021	Pacific Gas & Electric	818.18	Gas & Electric Stn 44 6/4-7/5/21
	7/21/2021	Pacific Gas & Electric	806.60	Gas & Electric Stn 41 6/7-7/6/21
29975	7/8/2021	A T and T	792.59	Phone Service 06.07-07.08.21
30025	7/21/2021	A T and T Mobility	713.99	Wireless Service 6/3-7/2/21
30054	7/29/2021	Airgas USA, LLC	711.60	Oxygen
29983	7/8/2021	Mike Marquardt	696.56	Strike Team reimburse - OES HQ Covid 6/17-6/26/21
	7/15/2021	Republic Services	634.16	Trash Service Stn 45 July

	7/8/2021	L.N. Curtis & Sons	614.60	Structure Helmet
	7/8/2021	Bound Tree Medical, LLC	599.78	Sani Cloth Wipes
	7/8/2021	Bound Tree Medical, LLC	597.96	IV Solution
30021	7/15/2021	Republic Services	593.33	Trash service Stn 41 & Stn 42 July
	7/15/2021	EBMUD	573.22	Water Service Stn 42 5/5-7/2/21
	7/8/2021	L.N. Curtis & Sons	554.24	Wildland Coat
29979	7/8/2021	Fire-End and Croker Corp	538.51	EMS Coat
	7/29/2021	L.N. Curtis & Sons	510.34	Double Adapter
30046	7/29/2021	East Bay Tree Service	500.00	Spread Wood Chips at Miramonte High School
	7/15/2021	Concord Garden Equipment	495.49	Chainsaw Chain
30062	7/29/2021	L.N. Curtis & Sons	488.27	Auto extrication Tools
30056	7/29/2021	A T and T Mobility	459.64	Wireless Service Jun 16 - Jul 16
29997	7/8/2021	John and Claire Investigations	450.00	Background investigation - Lopez
30012	7/15/2021	John and Claire Investigations	450.00	Background investigation - Chou
	7/15/2021	EBMUD	412.03	Water Service Stn 42 07.09.21
30036	7/21/2021	Contra Costa Health Services	402.00	Annual CUPA fee FY2022 Stn 42
	7/21/2021	Contra Costa Health Services	402.00	Annual CUPA fee FY22 Stn 41
	7/21/2021	Contra Costa Health Services	402.00	Annual CUPA Fee FY22 Stn 43
	7/21/2021	Contra Costa Health Services	402.00	Annual CUPA fee FY22 Stn 44
30042	7/21/2021	Steve Rogness	362.97	Strike Team Reimburse - Rogness Lava Fire 6/27-7/4/21
30029	7/21/2021	Garrison Feil	350.00	Fire Helmet
30020	7/15/2021	Dennis Rein	335.67	Strike Team Reimbursement - Lava Fire 06.27-07.04.21
30040	7/21/2021	Have Air Will Travel, Inc.	335.00	Repair E-43
30030	7/21/2021	L.N. Curtis & Sons	334.74	Dual Certified Pants
	7/21/2021	Pacific Gas & Electric	315.67	Gas & Electric Admin 6/8-7/7/21
	7/29/2021	Bound Tree Medical, LLC	308.81	Safety Goggles
30010	7/15/2021	EBMUD	305.84	Water Service 4/30-6/29/21
	7/8/2021	Bound Tree Medical, LLC	286.20	Epinephrine
30022	7/15/2021	Smart Clean Building Maintenance Inc	245.00	Cleaning Service - July - Admin
	7/29/2021	Revel Environmental Manufacturing, Inc.	235.00	Stn 42 Storm Drain Filter Maintenance
	7/15/2021	Airgas USA, LLC	231.40	Oxygen
30052	7/29/2021	Verizon Wireless	228.16	Wireless Service May 24-June 23
30015	7/15/2021	William Moffett	225.00	Paramedic Recertification
30023	7/15/2021	TIAA Commercial Finance, Inc.	224.28	Copier Lease
	7/8/2021	A T and T	204.19	Phone Service 06.7-07.06.21
30000	7/8/2021	Pitney Bowes	181.55	Postage machine lease
29982	7/8/2021	L.N. Curtis & Sons	181.09	Air Analysis
30016	7/15/2021	Pacific Office Automation	180.00	Service Call for HP Plotter Stn 45
30006	7/15/2021	A T and T	175.96	Internet 6/1-6/30/21
29977	7/8/2021	Concord Uniforms	164.52	Uniform Pants - Chou
	7/8/2021	Concord Uniforms	164.52	Uniform pants - Reikes
30002	7/8/2021	Wycom Systems, Inc.	160.00	Annual renewal FY2022
29974	7/8/2021	ALSCO - American Linen Divison	148.82	Monthly Linen Service Stn 41 June
	7/21/2021	L.N. Curtis & Sons	142.89	Remaining balance on inv 497409 (CM26226/26221 applied)
30067	7/29/2021	Revel Environmental Manufacturing, Inc.	135.00	Stn 41 Storm Drain Filter Maintenance
744	7/20/2021	Citibank N. A.	130.20	Bank Service Fee - July
	7/29/2021	Bound Tree Medical, LLC	129.94	Vacuum Splint Leg w/velcro
	7/29/2021	Bound Tree Medical, LLC	126.00	Atropine
30007	7/15/2021	Bay Area News Group	122.12	Legal Notice - Budget 2021-2022
	7/15/2021	HomeTeam Pest Defense, LLC	121.90	Pest Service stn 45 June
	7/15/2021	Republic Services	121.53	Trash Service Stn 43 July
	7/15/2021	Republic Services	121.53	Trash Service Stn 44 July
30009	7/15/2021	Deluxe For Business	121.00	Deposit books - Citibank AP account
30011	7/15/2021	HomeTeam Pest Defense, LLC	115.00	Pest Service Stn 41 June
	7/15/2021	HomeTeam Pest Defense, LLC	115.00	Pest Service Stn 42 June
	7/15/2021	HomeTeam Pest Defense, LLC	115.00	Pest Service Stn 43 June
	7/15/2021	HomeTeam Pest Defense, LLC	115.00	Pest Service Stn 44 - June
30057	7/29/2021	Jon Bensley	114.00	Strike Team Reimbursement - River Incident 7/13-7/19
	7/8/2021	ALSCO - American Linen Divison	106.78	Monthly Linen Service Stn 42 June
30049	7/29/2021	Occu-Med, Ltd.	105.00	Employee Physical - Chou
	7/8/2021	ALSCO - American Linen Divison	100.94	Monthly Linen Service Stn 45 June
29980	7/8/2021	Todd Gritzer	99.99	Volunteer Uniforms - returning
30053	7/29/2021	ADT Security Services	99.07	Security Service Aug 4- Sep 3 Admin
	7/8/2021	ALSCO - American Linen Divison	95.78	Monthly Linen Service Stn 43 June
	7/8/2021	ALSCO - American Linen Divison	95.78	Monthly Linen Service Stn 44 June
30014	7/15/2021	L.N. Curtis & Sons	90.87	Ora Stretcher pack
29993	7/8/2021	Comcast	90.20	Stn 41 Modem 06.29-07.28.21
	7/8/2021	Comcast	90.20	Stn 42 Internet 06.24-07.23.21
30037	7/21/2021	Comcast	90.20	Modem Stn 44 7/14-8/13/21

30058	7/29/2021 Comcast	90.20	Internet Stn 42 Jul 24-Aug 23
	7/29/2021 Comcast	90.20	Station 45 Internet Jul23-Aug 22
	7/15/2021 Pacific Gas & Electric	87.94	Gas & Electric Stn42 6/8-7/7/21
30008	7/15/2021 Concord Garden Equipment	87.84	Bar Oil
29984	7/8/2021 Office Depot	82.18	Paper
29990	7/8/2021 ADT Security Services	81.30	Security Service 07.09-08.08.21
30032	7/21/2021 Shred-it	80.85	Shredding service 6/10/21
30026	7/21/2021 Biomedical Waste Disposal	79.00	Waste Disposal Stn 45 June
	7/21/2021 Biomedical Waste Disposal	79.00	Waste disposal Stn 41 - June
30065	7/29/2021 Pacific Gas & Electric	72.71	Gas & Electric 6/16-7/16 Stn 45
	7/15/2021 L.N. Curtis & Sons	66.18	Red Anchor Plate
	7/15/2021 Airgas USA, LLC	65.40	Helium/Nitrogen
30035	7/21/2021 AT&T	63.49	Internet July 10-Aug 9
30004	7/15/2021 Airgas USA, LLC	58.90	Argon/Oxygen
30033	7/21/2021 Verizon Wireless	56.16	Wireless Service 6/11-7/10/21
	7/29/2021 Orinda Motors, Inc.	43.18	Wiper Blades
	7/29/2021 ADT Security Services	42.99	Security Service Aug 4-Sep 3 Stn 41
29988	7/8/2021 Walnut Creek Ford	34.37	Apparatus - Mirror
30044	7/29/2021 Bound Tree Medical, LLC	30.00	Albuterol
30063	7/29/2021 Office Depot	17.40	Ink
30045	7/29/2021 Car Quest Auto Parts	7.56	Apparatus - spot wedge
29987	7/8/2021 Verizon Wireless	7.34	Wireless 05.24-06.23.21
30059	7/29/2021 FasTrak Invoice Processing Dept.	6.00	Toll - Benicia Bridge - 7/7 Dodge Ram
30034	7/21/2021 A T and T	0.08	Mobility service6/12-7/11/21
	7/29/2021 Bound Tree Medical, LLC	0.05	FreeStyle Precision H Meter
29981	7/8/2021 Jerry Lee	0.00	Paramedic - Renewal

**Total 50 - General Fund**

**5,960,437.95**

**Report Total**

**5,960,437.95**

Moraga-Orinda Fire District  
Statement of Revenues and Expenditures - General Fund Actual to Budget 21/22  
From 7/1/2021 Through 7/31/2021

	Current Period Actual	Budget \$	Budget \$ Variance	Budget Remaining	Prior Year Year Current Period A	Prior Year Change	Prior Year % Change	
Total Revenue	25,983,817.80	28,683,156.00	(2,699,338.20)	(9.41)%	137,192.72	25,846,625.08	18,839.65	
Total Expenditures	<u>1,880,075.70</u>	<u>27,938,962.00</u>	<u>26,058,886.30</u>	<u>93.27%</u>	<u>1,844,452.64</u>	<u>35,623.06</u>	<u>1.93</u>	
Excess of Revenues Over/ (Under) Expenditures	24,103,742.10	744,194.00	23,359,548.10	3,138.91%	(1,707,259.92)	25,811,002.02	(1,511.84)	
Other Revenue-Strike Team Recovery	0.00	700,000.00	(700,000.00)	(100.00)%	0.00	0.00	0.00	
Overtime - Strike Team	<u>104,615.13</u>	<u>630,000.00</u>	<u>525,384.87</u>	<u>83.39%</u>	<u>96,306.34</u>	<u>8,308.79</u>	<u>8.63</u>	
Net Strike Team	(104,615.13)	70,000.00	(174,615.13)		(96,306.34)	(8,308.79)		
Revenue								
Taxes								
Property Tax-Current Secured	4010	25,968,983.81	25,467,158.00	501,825.81	1.97%	0.00	25,968,983.81	100.00
Property Tax-Supplemental	4011	0.00	300,000.00	(300,000.00)	(100.00)%	0.00	0.00	0.00
Property Tax-Unitary	4013	0.00	200,000.00	(200,000.00)	(100.00)%	0.00	0.00	0.00
Property Tax-Curr Unsecured	4020	0.00	635,000.00	(635,000.00)	(100.00)%	0.00	0.00	0.00
Prop Tax- Prior Secured	4030	0.00	(60,000.00)	60,000.00	(100.00)%	0.00	0.00	0.00
Prop Tax-Prior Supplement	4031	0.00	(40,000.00)	40,000.00	(100.00)%	0.00	0.00	0.00
Prop Tax Prior Unsecured	4035	0.00	(10,000.00)	10,000.00	(100.00)%	0.00	0.00	0.00
Total Taxes		25,968,983.81	26,492,158.00	(523,174.19)	(1.97)%	0.00	25,968,983.81	100.00
Use of Money & Property								
Investment Earnings	4181	<u>201.91</u>	<u>35,000.00</u>	<u>(34,798.09)</u>	<u>(99.42)%</u>	<u>0.00</u>	<u>201.91</u>	<u>100.00</u>
Total Use of Money & Property		201.91	35,000.00	(34,798.09)	(99.42)%	0.00	201.91	100.00
Intergovernmental Revenue								
Homeowners Relief Tax	4385	0.00	147,000.00	(147,000.00)	(100.00)%	0.00	0.00	0.00
Other/In Lieu of Taxes	4580	0.00	900.00	(900.00)	(100.00)%	0.00	0.00	0.00
Measure H-Emerg Med Ser Subsid	4896	<u>0.00</u>	<u>85,248.00</u>	<u>(85,248.00)</u>	<u>(100.00)%</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
Total Intergovernmental Revenue		0.00	233,148.00	(233,148.00)	(100.00)%	0.00	0.00	0.00
Charges for Service								
Permits	4740	0.00	4,000.00	(4,000.00)	(100.00)%	0.00	0.00	0.00
Plan Review	4741	7,241.50	175,000.00	(167,758.50)	(95.86)%	29,709.00	(22,467.50)	(75.63)
Inspection Fees	4742	2,445.00	2,000.00	445.00	22.25%	0.00	2,445.00	100.00
Impact Mitigation Fees	4743	0.00	0.00	0.00	0.00%	4,144.00	(4,144.00)	(100.00)
Weed Abatement Charges	4744	0.00	35,000.00	(35,000.00)	(100.00)%	0.00	0.00	0.00
Reports/ Photocopies	4746	42.00	350.00	(308.00)	(88.00)%	63.00	(21.00)	(33.33)
Other Charges for Service	4747	804.00	1,000.00	(196.00)	(19.60)%	0.00	804.00	100.00
Vehicle Accident Cost Recovery	4897	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00%</u>	<u>450.00</u>	<u>(450.00)</u>	<u>(100.00)</u>
Total Charges for Service		10,532.50	217,350.00	(206,817.50)	(95.15)%	34,366.00	(23,833.50)	(69.35)
Charges for Service - Ambulance								

Moraga-Orinda Fire District  
Statement of Revenues and Expenditures - General Fund Actual to Budget 21/22  
From 7/1/2021 Through 7/31/2021

		Current			Budget	Prior Year	Prior Year	
		Period Actual	Budget \$	Budget \$ Variance	Remaining	Year Current Period A	Year Current Period A	% Change
Ambulance Service Fees	4898	0.00	1,122,000.00	(1,122,000.00)	(100.00)%	101,428.26	(101,428.26)	(100.00)
Ambulance Service Fee Reimbursements	4899	0.00	(102,000.00)	102,000.00	(100.00)%	0.00	0.00	0.00
Ambulance Collection Recovery Payments	4900	2,099.58	5,000.00	(2,900.42)	(58.01)%	1,161.31	938.27	80.79
Ground Emergency Medical Transportation	4901	0.00	(40,000.00)	40,000.00	(100.00)%	0.00	0.00	0.00
Total Charges for Service - Ambulance		2,099.58	985,000.00	(982,900.42)	(99.79)%	102,589.57	(100,489.99)	(97.95)
Other Revenue								
Other Revenue-Strike Team Recovery	4971	0.00	700,000.00	(700,000.00)	(100.00)%	0.00	0.00	0.00
Other Revenue & Financing Sources	4972	0.00	18,000.00	(18,000.00)	(100.00)%	0.00	0.00	0.00
Other Revenue-Misc.	4974	2,000.00	1,000.00	1,000.00	100.00%	0.00	2,000.00	100.00
Misc Rebates & Refunds	4975	0.00	1,000.00	(1,000.00)	(100.00)%	0.00	0.00	0.00
Sale of Surplus Property	4980	0.00	500.00	(500.00)	(100.00)%	0.00	0.00	0.00
Transfers In	4999	0.00	0.00	0.00	0.00%	237.15	(237.15)	(100.00)
Total Other Revenue		2,000.00	720,500.00	(718,500.00)	(99.72)%	237.15	1,762.85	743.35
<b>Total Revenue</b>		<b>25,983,817.80</b>	<b>28,683,156.00</b>	<b>(2,699,338.20)</b>	<b>(9.41)%</b>	<b>137,192.72</b>	<b>25,846,625.08</b>	<b>18,839.65</b>

Expenditures

Salaries & Benefits								
Permanent Salaries	5011	792,605.94	10,381,499.00	9,588,893.06	92.37%	817,108.91	(24,502.97)	(3.00)
Temporary Salaries	5013	9,806.40	97,637.00	87,830.60	89.96%	5,679.16	4,127.24	72.67
Overtime	5014	249,960.55	1,850,000.00	1,600,039.45	86.49%	151,839.22	98,121.33	64.62
Deferred Compensation	5015	1,842.00	22,704.00	20,862.00	91.89%	1,842.00	0.00	0.00
Overtime - Strike Team	5016	104,615.13	630,000.00	525,384.87	83.39%	96,306.34	8,308.79	8.63
Contract Services	5018	0.00	175,000.00	175,000.00	100.00%	0.00	0.00	0.00
Worker's Compensation Recovery	5019	(21,776.80)	(80,000.00)	(58,223.20)	72.78%	(6,497.15)	(15,279.65)	235.17
Payroll Taxes -FICA,SUI	5042	17,753.56	196,682.00	178,928.44	90.97%	16,246.67	1,506.89	9.28
Payroll Processing Fees	5043	0.00	23,000.00	23,000.00	100.00%	966.85	(966.85)	(100.00)
Retirement Contributions	5044	438,378.54	5,694,133.00	5,255,754.46	92.30%	455,042.00	(16,663.46)	(3.66)
Life/Health Insurance-Permanent Employees	5060	115,324.62	1,535,316.00	1,419,991.38	92.49%	111,222.75	4,101.87	3.69
Employee's-Health Insurance Contribution	5061	(17,908.92)	(228,024.00)	(210,115.08)	92.15%	(11,487.09)	(6,421.83)	55.90
Retiree Health Insurance	5062	97,716.68	1,231,000.00	1,133,283.32	92.06%	100,486.40	(2,769.72)	(2.76)
Retiree-Health Insurance Contribution	5063	(27,873.63)	(355,000.00)	(327,126.37)	92.15%	(28,125.76)	252.13	(0.90)
Unemployment Insurance	5064	0.00	11,000.00	11,000.00	100.00%	0.00	0.00	0.00
Retiree-Health OPEB Contribution	5065	0.00	434,528.00	434,528.00	100.00%	0.00	0.00	0.00
Vision Insurance	5066	1,436.04	20,568.00	19,131.96	93.02%	2,084.23	(648.19)	(31.10)
Pension Rate Stabilization	5067	0.00	2,362,470.00	2,362,470.00	100.00%	0.00	0.00	0.00
Workers' Compensation Insurance	5070	0.00	1,113,239.00	1,113,239.00	100.00%	0.00	0.00	0.00
Total Salaries & Benefits		1,761,880.11	25,115,752.00	23,353,871.89	92.98%	1,712,714.53	49,165.58	2.87
Operating Expense								

Moraga-Orinda Fire District  
Statement of Revenues and Expenditures - General Fund Actual to Budget 21/22  
From 7/1/2021 Through 7/31/2021

		Current			Budget	Prior Year	Prior Year	
		Period Actual	Budget \$	Budget \$ Variance	Remaining	Year Current Period A	Prior Year Change	% Change
Office Supplies	6100	0.00	8,400.00	8,400.00	100.00%	0.00	0.00	0.00
Postage	6101	1,190.05	3,000.00	1,809.95	60.33%	500.00	690.05	138.01
Books & Periodicals	6102	0.00	2,460.00	2,460.00	100.00%	0.00	0.00	0.00
Printer Ink Cartridges	6103	17.40	2,500.00	2,482.60	99.30%	0.00	17.40	100.00
Telephone/Communication	6110	1,374.68	50,300.00	48,925.32	97.27%	4,697.80	(3,323.12)	(70.74)
Dispatch/Comm Center Services w/ AVL MDT	6111	0.00	194,500.00	194,500.00	100.00%	0.00	0.00	0.00
Utilities- Sewer	6120	0.00	4,600.00	4,600.00	100.00%	0.00	0.00	0.00
Utilities-Garbage	6121	1,470.55	15,400.00	13,929.45	90.45%	1,377.57	92.98	6.75
Utilities-PG&E	6122	959.71	72,050.00	71,090.29	98.67%	821.63	138.08	16.81
Utilities-Water	6123	0.00	24,150.00	24,150.00	100.00%	0.00	0.00	0.00
Utilities-Medical Waste	6124	0.00	2,200.00	2,200.00	100.00%	0.00	0.00	0.00
Small Tools & Instruments	6130	0.00	9,500.00	9,500.00	100.00%	251.22	(251.22)	(100.00)
Minor Equipment/Furniture	6131	0.00	1,500.00	1,500.00	100.00%	0.00	0.00	0.00
Computer Equipment & Supplies	6132	0.00	2,000.00	2,000.00	100.00%	0.00	0.00	0.00
Gas Power Chain Saw/Other Equipmen	6133	0.00	6,800.00	6,800.00	100.00%	0.00	0.00	0.00
Fire Trail Grading	6135	0.00	25,000.00	25,000.00	100.00%	0.00	0.00	0.00
Fire Fighting Equipment & Supplies	6137	488.27	55,000.00	54,511.73	99.11%	0.00	488.27	100.00
Fire Fighting Equipment-Hoses & Nozzles	6138	510.34	10,000.00	9,489.66	94.90%	0.00	510.34	100.00
Fire Fighting Equipment-Class A Foam	6139	0.00	10,000.00	10,000.00	100.00%	0.00	0.00	0.00
Medical & Lab Supplies	6140	0.00	125,000.00	125,000.00	100.00%	10,673.78	(10,673.78)	(100.00)
Food Supplies	6150	0.00	5,500.00	5,500.00	100.00%	0.00	0.00	0.00
Safety Clothing & Personal Supplies	6160	0.00	60,000.00	60,000.00	100.00%	0.00	0.00	0.00
Household Expense	6170	0.00	19,200.00	19,200.00	100.00%	90.00	(90.00)	(100.00)
Household Expense-Linen	6171	0.00	6,440.00	6,440.00	100.00%	0.00	0.00	0.00
Public & Legal Notices	6190	0.00	10,000.00	10,000.00	100.00%	0.00	0.00	0.00
Dues, Memberships & Professional Fees	6200	0.00	22,820.00	22,820.00	100.00%	1,200.00	(1,200.00)	(100.00)
EMT/Paramedic Licensure Fees	6201	0.00	4,000.00	4,000.00	100.00%	0.00	0.00	0.00
Rent & Leases (Equipment)	6250	2,238.78	30,500.00	28,261.22	92.66%	1,372.01	866.77	63.18
Computer Software & Maintenance	6251	23,734.16	75,850.00	52,115.84	68.71%	24,390.17	(656.01)	(2.69)
Website Development & Maintenance	6252	5,040.00	5,040.00	0.00	0.00%	4,800.00	240.00	5.00
EPA ID# Verification Fee	6264	0.00	150.00	150.00	100.00%	0.00	0.00	0.00
CCC HazMat Plan (CUPA)	6265	2,977.00	3,650.00	673.00	18.44%	3,615.00	(638.00)	(17.65)
BAAQMD & Environmental Health Fees	6266	0.00	900.00	900.00	100.00%	150.00	(150.00)	(100.00)
Air Monitor Maintenance & Replacement	6269	0.00	10,000.00	10,000.00	100.00%	0.00	0.00	0.00
Maintenance -- Equipment	6270	0.00	82,800.00	82,800.00	100.00%	0.00	0.00	0.00
Central Garage Repairs	6271	4,962.10	280,000.00	275,037.90	98.23%	0.00	4,962.10	100.00
Central Garage Gasoline & Oil	6272	5,757.91	65,000.00	59,242.09	91.14%	4,579.61	1,178.30	25.73
Central Garage Tires	6273	5,529.57	12,000.00	6,470.43	53.92%	0.00	5,529.57	100.00

Moraga-Orinda Fire District  
Statement of Revenues and Expenditures - General Fund Actual to Budget 21/22  
From 7/1/2021 Through 7/31/2021

		Current	Budget			Prior Year	Prior Year	
		Period Actual	Budget \$	Budget \$ Variance	Remaining	Year Current Period A	Prior Year Change	% Change
Service/Repair Fuel System Dispensers	6274	0.00	2,500.00	2,500.00	100.00%	0.00	0.00	0.00
Aerial Ladder & Pump Testing	6275	0.00	1,000.00	1,000.00	100.00%	0.00	0.00	0.00
Smog Inspections	6276	0.00	500.00	500.00	100.00%	0.00	0.00	0.00
Air Compressor Quarterly Service	6278	0.00	6,000.00	6,000.00	100.00%	0.00	0.00	0.00
Hydro Test SCBA & Oxy Cylinder	6279	0.00	30,000.00	30,000.00	100.00%	0.00	0.00	0.00
Tank Testing	6280	0.00	1,120.00	1,120.00	100.00%	0.00	0.00	0.00
Maintenance -- Building	6281	468.36	98,000.00	97,531.64	99.52%	295.01	173.35	58.76
Maintenance -- Grounds	6282	370.00	12,400.00	12,030.00	97.02%	0.00	370.00	100.00
Meetings & Travel Expenses	6303	0.00	1,500.00	1,500.00	100.00%	0.00	0.00	0.00
Employee Assistance Program	6309	0.00	9,800.00	9,800.00	100.00%	0.00	0.00	0.00
Medical - Pre-Emp Processing and Annual	6311	0.00	30,000.00	30,000.00	100.00%	0.00	0.00	0.00
Ambulance Billing Administration Fees	6312	0.00	60,000.00	60,000.00	100.00%	0.00	0.00	0.00
Outside Attorney Fees	6313	0.00	150,000.00	150,000.00	100.00%	0.00	0.00	0.00
CCC County Tax Administration Fee	6316	0.00	215,000.00	215,000.00	100.00%	0.00	0.00	0.00
Professional Services	6317	0.00	42,500.00	42,500.00	100.00%	0.00	0.00	0.00
Professional Services - Labor Negotiator	6318	0.00	10,000.00	10,000.00	100.00%	0.00	0.00	0.00
Professional Services - Technology	6319	16,155.49	207,480.00	191,324.51	92.21%	0.00	16,155.49	100.00
Professional Services - Pre-Employment	6320	450.00	10,000.00	9,550.00	95.50%	0.00	450.00	100.00
Professional Services - Promotional Exams &	6321	0.00	1,000.00	1,000.00	100.00%	0.00	0.00	0.00
Professional Services-OPEB Actuarial	6322	0.00	8,000.00	8,000.00	100.00%	0.00	0.00	0.00
Exterior Hazard Removal	6323	0.00	35,000.00	35,000.00	100.00%	0.00	0.00	0.00
Professional Services-Prop Tax Audit &	6326	0.00	7,350.00	7,350.00	100.00%	0.00	0.00	0.00
Professional Services	6327	0.00	14,000.00	14,000.00	100.00%	0.00	0.00	0.00
Testing Materials & Training Props	6354	3,705.00	40,000.00	36,295.00	90.74%	0.00	3,705.00	100.00
Career Development Classes	6357	0.00	25,000.00	25,000.00	100.00%	0.00	0.00	0.00
Training & Education Classes-Paramedic &	6360	0.00	10,000.00	10,000.00	100.00%	0.00	0.00	0.00
District Sponsored Training-Mandated	6361	0.00	15,000.00	15,000.00	100.00%	0.00	0.00	0.00
Strike Team Supplies	6474	818.64	60,000.00	59,181.36	98.64%	6.00	812.64	13,544.00
Community Emergency Response Team	6475	0.00	8,000.00	8,000.00	100.00%	0.00	0.00	0.00
Exercise Supplies/Maint.	6476	0.00	13,900.00	13,900.00	100.00%	0.00	0.00	0.00
Recognition Supplies	6478	0.00	7,350.00	7,350.00	100.00%	0.00	0.00	0.00
Other Special Departmental Exp	6479	27,000.00	161,800.00	134,800.00	83.31%	384.45	26,615.55	6,923.02
Public Education Supplies	6480	0.00	6,000.00	6,000.00	100.00%	0.00	0.00	0.00
LAFCO	6482	12,637.38	18,000.00	5,362.62	29.79%	14,773.69	(2,136.31)	(14.46)
Emergency Preparedness Expense	6484	0.00	11,000.00	11,000.00	100.00%	0.00	0.00	0.00
Misc. Services & Supplies	6490	0.00	10,500.00	10,500.00	100.00%	0.00	0.00	0.00
Fire Chief Contingency	6491	0.00	100,000.00	100,000.00	100.00%	114.17	(114.17)	(100.00)
Property & Liability Insurance	6540	0.00	62,000.00	62,000.00	100.00%	57,646.00	(57,646.00)	(100.00)



Moraga-Orinda Fire District  
Statement of Revenues and Expenditures - General Fund Actual to Budget 21/22  
From 7/1/2021 Through 7/31/2021

		Current		Budget \$ Variance	Budget	Prior Year		Prior Year
		Period Actual	Budget \$		Remaining	Year Current Period A	Prior Year Change	% Change
Total Operating Expense		117,855.39	2,819,910.00	2,702,054.61	95.82%	131,738.11	(13,882.72)	(10.54)
Other Expense								
Bank Fees	7510	340.20	3,000.00	2,659.80	88.66%	0.00	340.20	100.00
County Tax Collection Fees	7530	0.00	300.00	300.00	100.00%	0.00	0.00	0.00
Total Other Expense		340.20	3,300.00	2,959.80	89.69%	0.00	340.20	100.00
<b>Total Expenditures</b>		<b>1,880,075.70</b>	<b>27,938,962.00</b>	<b>26,058,886.30</b>	<b>93.27%</b>	<b>1,844,452.64</b>	<b>35,623.06</b>	<b>1.93</b>
<b>Excess of Revenues Over/ (Under) Expenditures</b>		<b>24,103,742.10</b>	<b>744,194.00</b>	<b>23,359,548.10</b>	<b>3,138.91%</b>	<b>(1,707,259.92)</b>	<b>25,811,002.02</b>	<b>(1,511.84)</b>

**Moraga-Orinda Fire District**  
Statement of Revenues and Expenditures - Capital Projects Fund Actual to Budget - 21/22  
From 7/1/2021 Through 7/31/2021

		Current Period Actual	Total Budget - Original	Total Budget Variance - Original	Percent Total Budget Remaining - Original
<b>Revenue</b>					
<b>Taxes</b>					
Fire Flow Tax	4066	0.00	1,095,000.00	(1,095,000.00)	(100.00)%
Total Taxes		0.00	1,095,000.00	(1,095,000.00)	(100.00)%
<b>Use of Money &amp; Property</b>					
Investment Earnings	4181	0.00	10,000.00	(10,000.00)	(100.00)%
Total Use of Money & Property		0.00	10,000.00	(10,000.00)	(100.00)%
<b>Charges for Service</b>					
Impact Mitigation Fees	4743	0.00	20,000.00	(20,000.00)	(100.00)%
Total Charges for Service		0.00	20,000.00	(20,000.00)	(100.00)%
Total Revenue		0.00	1,125,000.00	(1,125,000.00)	(100.00)%
<b>Expenditures</b>					
<b>Other Expense</b>					
Bank Fees	7510	45.00	200.00	155.00	77.50%
Fire Flow Tax Collection Fees	7531	0.00	14,000.00	14,000.00	100.00%
Fire Fighting Equip-Fixed Asset ...	7701	0.00	145,000.00	145,000.00	100.00%
Apparatus/Vehicles-Fixed Asset...	7703	0.00	273,000.00	273,000.00	100.00%
Computer Equip & Software-Fix...	7704	0.00	165,000.00	165,000.00	100.00%
Buildings-Station #41-Fixed Ass...	7705	0.00	20,000.00	20,000.00	100.00%
Buildings-Stations-Fixed Asset ...	7708	0.00	319,500.00	319,500.00	100.00%
Operating Transfers Out	7999	0.00	922,448.00	922,448.00	100.00%
Total Other Expense		45.00	1,859,148.00	1,859,103.00	100.00%
Total Expenditures		45.00	1,859,148.00	1,859,103.00	100.00%
Excess of Revenues Over/ (Under) Ex...		(45.00)	(734,148.00)	734,103.00	(99.99)%

**Moraga-Orinda Fire District**  
Statement of Revenues and Expenditures - Debt Service Fund Actual to Budget - 21/22  
From 7/1/2021 Through 7/31/2021

		Current Period Actual	Total Budget \$ - Original	Total Budget \$ Variance - Original	Percent Total Budget Remaining - Original
<b>Revenue</b>					
<b>Taxes</b>					
Property Tax-Current Secured	4010	0.00	1,730,869.00	(1,730,869.00)	(100.00)%
<b>Total Taxes</b>		0.00	1,730,869.00	(1,730,869.00)	(100.00)%
<b>Use of Money &amp; Property</b>					
Investment Earnings	4181	30.80	500.00	(469.20)	(93.84)%
<b>Total Use of Money &amp; Property</b>		30.80	500.00	(469.20)	(93.84)%
<b>Other Revenue</b>					
Transfers In	4999	0.00	922,448.00	(922,448.00)	(100.00)%
<b>Total Other Revenue</b>		0.00	922,448.00	(922,448.00)	(100.00)%
<b>Total Revenue</b>		30.80	2,653,817.00	(2,653,786.20)	(100.00)%
<b>Expenditures</b>					
<b>Other Expense</b>					
Pension Obligation Bond Principal Payment	7900	0.00	3,610,000.00	3,610,000.00	100.00%
Pension Obligation Bond Interest Payment	7901	0.00	180,090.00	180,090.00	100.00%
Apparatus Lease Principal Payment	7902	0.00	592,791.00	592,791.00	100.00%
Apparatus Lease Interest Payment	7903	0.00	8,458.00	8,458.00	100.00%
Lease Agreement Station 43 Principal	7906	0.00	261,000.00	261,000.00	100.00%
Lease Agreement Station 43 Interest	7907	0.00	60,199.00	60,199.00	100.00%
<b>Total Other Expense</b>		0.00	4,712,538.00	4,712,538.00	100.00%
<b>Total Expenditures</b>		0.00	4,712,538.00	4,712,538.00	100.00%
<b>Excess of Revenues Over/ (Under) Expenditures</b>		30.80	(2,058,721.00)	2,058,751.80	(100.00)%



# Moraga-Orinda Fire District

**TO:** Board of Directors  
**FROM:** Dave Winnacker, Fire Chief  
**DATE:** Aug 18, 2021  
**SUBJECT:** Item 8.1 – HYDRANT MAINTENANCE

## **BACKGROUND**

Following a February 2021 structure fire in Moraga, a number of questions were asked about the manner in which hydrants are inspected and replaced as well as the maintenance of the underlying water system. At a Director's recommendation, the following staff report is presented to increase awareness of the steps the District takes to ensure reliable access to firefighting water supplies.

This topic has previously been addressed on several occasions, most notably between 1997 and 2006, with a focus on North Orinda's water supply. As covered during that period, the East Bay Municipal Utility District (EBMUD) owns the water system from reservoir to hydrant and has a policy of maintaining the system to the "as designed capacity". More information on this topic is available under Item 8.1 of the February 21, 2018, regular board meeting (Attachment A). As a regional provider, EBMUD is not subject to local regulations but is required to comply with Section 507.5.2 of the California Fire Code:

### **507.5.2 Inspection, Testing and Maintenance**

*Fire hydrant systems shall be subject to periodic tests as required by the fire code official. Fire hydrant systems shall be maintained in an operative condition at all times and shall be repaired where defective. Additions, repairs, alterations and servicing shall comply with approved standards. Records of tests and required maintenance shall be maintained.*

District staff has met with EBMUD staff and are working collaboratively to better understand the standards governing EBMUD's servicing program. Information regarding their current program was provided under Item 9.1 of the May 19, 2021 regular board meeting (Attachment B)

### **MOFD Inspection Program**

As addressed in Attachment A, in 2018 District staff conducted flow testing of identified low flow hydrants to determine if EBMUD's pipe replacement program and age had increased for decreased flow rates. This program was covered by the Lamorinda weekly: <https://www.lamorindaweekly.com/archive/issue1201/New-MOFD-chief-tackles-a-longstanding-Orinda-problem.html> and results were submitted directly to EBMUD's system. The testing efforts showed modest increases to available flows since the previous calculations were completed and the program concluded at the end of 2018. There are no plans to restart this program due to the assignment of available staff to higher priority projects to include fire code inspections and community chipping.

On an annual basis, fire suppression crews conduct a limited assessment and function check of the 1483 hydrants in the District. This consists of the following:

- Confirming access
- Touching up cap and bonnet paint indicating GPM and PSI
- Checking for and replacing blue dots as needed\*
- Checking for the presence of gate valve covers
- Checking for caps
- Checking for cap chains\*\*
- Exercising caps and valves
- Checking for leaks or other obvious damage
- Checking for vegetation clearance

\*Blue dots are a legacy method of locating hydrants which are not used in the current environment due to accurate maps produced by the District's GIS team and the availability of mobile data terminals with automatic vehicle location on all district apparatus.

\*\*Cap chains deter cap theft but can hamper fire fighter access by binding when caps are removed during fire ground operations.

As a result of these assessments, 839 items were identified as needing attention. Many of these are minor issues that are no longer relevant to water supply access to include 637 missing blue dots and 63 missing cap chains; however, 117 significant issues were identified and require correction. The significant issues are:

- 6 Hydrant OOS (EBMUD priority)
- 9 Access issues (MOFD Fire Marshal for action)
- 2 Hydrant rotation due to obstruction (EBMUD priority)
- 5 Vegetation clearance (Parcel owner responsibility)
- 22 Leaking (EBMUD priority)
- 42 Missing gate valve cover (EBMUD for action)
- 12 Missing hydrant caps (EBMUD for action)
- 19 Lack of red curb/ blocked by parked cars (MOFD Fire Marshal for action)

A list of hydrants requiring attention has been transmitted to EBMUD and the MOFD Fire Marshal is in the process of addressing the remaining issues.

An update will be provided when the MOFD follow up items are complete.

### **RECOMMENDATION**

1) No action required; Informational purposes only

### **ATTACHMENTS**

Attachment A – Item 8.1 February 21, 2018 Regular Board Meeting  
Attachment B – Item 9.1 May 19, 2021 Regular Board Meeting  
Attachment C – MOFD 2021 Fire Hydrant Maintenance Dashboard



# Moraga-Orinda Fire District

**TO:** Board of Directors  
**FROM:** Dave Winnacker, Fire Chief  
**DATE:** February 21, 2018  
**SUBJECT:** Item 8.1 – North Orinda Fire Flow Report

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## **BACKGROUND**

In January 2018, the board directed staff to review the status of North Orinda Fire Flow issues and deliver a report at the regular board meeting on 21 February. In accordance with this direction, staff conducted research regarding the history of the fire flow issue, met with EBMUD representatives, and developed a proposed action plan to field actionable and cost effective measures to mitigate the known problem of fire flows in North Orinda.

## **HISTORY**

North Orinda was originally developed as a community from 1921-1928 by Edward deLaveaga with three water systems owned collectively by home buyers. In 1932, these systems were sold for \$1 to the Orinda County Water District which purchased water from EBMUD. This district existed until 1952 when residents began purchasing water directly from EBMUD. As the area was built out, additional pipe was laid with large sections being installed in 1934 (126,000') and additional work continuing through 1958 (17,000'). During this time, the general standard required 4" pipe along thoroughfares with 6" pipe at intersections. As of 2001, it is estimated that 75% of the original pipe was still in service. All information above is drawn from the 2001 Orinda Fire Flow Study and Consensus.

In 1997 a Fire Reconnaissance Study was conducted which recommended significant improvements to the existing water infrastructure. This was followed in 2001 with more extensive Fire Flow Calculations. These studies came to the conclusion that approximately \$50 million was required to update the system to provide 1000 GPM from all hydrants and 2250 GPM from 3 adjoining hydrants for 2 hours.

Following these studies, three funding measures were proposed (Measure N in 2002, Measure Q in 2006, and Measure E in 2007) and received more than 60% of the vote, but failed to achieve a super-majority.

EBMUD Policy 3.03 Community Fire Flow Improvement Program identifies EBMUD's commitment to maintaining designed capacity for pipelines and assumes 500 gpm unless documentation is available attesting to higher designed flow. EBMUD is committed to installing new pipe of sufficient diameter to meet modern fire flow standards, but will not undertake system modifications solely to improve fire flow without partnering agencies.

## **CURRENT EFFORTS**

Given the prohibitive cost of replacing the existing water distribution system, MOFD has developed a comprehensive plan to maximize use of the current system while leading coordinated efforts to reduce the risk of wildfire to the area. The information below is provided with the caveat that **the district continues to support efforts to improve the fire flow in North Orinda** and that these initiatives are designed to complement future improvements to the water distribution system.

### **Water Supply**

1. **Repair and Replacement of Existing Pipes**  
Staff met with EBMUD representatives to better understand the repair and replacement program and to ensure it followed the requirements of EBMUD Policy 3.03. Attachment A and B show pipe replaced since the original studies were conducted. Of note, all new pipe is 6" or larger with a total of 26 miles (includes Wilder Ranch and other new development) being installed since 1998.
2. **Field Conditions Fire Flow Validation and Modeling Update**  
The inadequate hydrant lists developed between 1995 and 2001 are based on EBMUD models accounting for worst case scenarios with low reservoir levels and high demand. Field testing has shown higher flows under real world conditions with some hydrants flowing at up to 3 times the modeled gpm. After 2006, MOFD no longer entered testing data into EBMUD's database and the flow models have not been updated since the early 2000s. To provide current data, MOFD members have begun conducting flow tests of low gpm hydrants. This testing regime is being completed in compliance with EBMUD's testing protocol and they have agreed to run their models with this new data.
3. **Reliable Water Supply Sources**  
Water distribution systems are complex and difficult to understand without the resources and experience of EBMUD representatives on scene. Accepting that in the event of a major fire event, these representatives will not be reliably available during the early hours of the incident, MOFD is working to identify and mark hydrants that are, as a result of their location and proximity to reservoirs, most likely to provide reliable water sources under the worst conditions.
4. **Supplemental Water Sources**  
Having identified gaps in the water supply system, MOFD will work with stakeholders to field supplemental water sources in critical locations. This project is still in the conceptual phase, but will include pre-positioning small, inexpensive pumps at key locations with existing water supplies (pools, ponds, water features) and the installation of above ground tanks with approved fittings. A similar program is currently underway in the District's southern region with the installation of signage and compatible fittings on privately maintained water tanks in Canyon and Bollinger Canyon and has yielded favorable results at a very low price point. Working with EBMUD, additional existing water supply locations have been identified along Bear Creek Road and Briones Reservoir and are being added to CAD and signed to ease identification in an emergency environment.

### **Wildland Fire Mitigation – Fuels Reduction**

1. Outreach was conducted with surrounding agencies with fuels mitigation responsibilities to determine the extent of their programs and to ensure efforts are coordinated. The end result will be a complex obstacle belt along the northern approaches of Orinda that will



slow fires spreading from the Bear Creek/Briones area to allow time for the aggregation of an effective fire fighting force from surrounding agencies. Further outreach is being conducted with HOAs and neighborhood groups to encourage best practice landscaping and home ignition zone fuels reduction.

2. EBMUD owns the majority of open space adjacent to the Northern border of Orinda. As identified in the EBMUD Watershed Fire Management Plan and the Fire Response Plan, EBMUD has a detailed plan to reduce the risk to the areas surrounding their lands. MOFD staff is integrating our fuels mitigation efforts with the Orinda Watershed manager to ensure the efforts are complimentary and reinforcing.
3. PG&E owns several large parcels in the North Orinda area and has power transmission line easements along Bear Creek. As with EBMUD, MOFD staff has engaged the vegetation program manager to ensure both agencies' efforts are reinforcing and complimentary. PG&E also conducts extensive right of way clearing along distribution lines within the neighborhoods of North Orinda. Staff is incorporating explanations of the purpose and value of these programs when addressing neighborhood groups in an attempt to increase support for right of way clearing operations.
4. County Roads is responsible for maintaining the shoulder of Bear Creek road and MOFD staff is engaging the program manager to ensure this work is completed in a timely manner to reduce the risk of a fire start spreading beyond or jumping the roadway.
5. Neighborhood groups and HOAs control significant sections of open space in North Orinda. MOFD staff, in partnership with the Diablo FireSafe Council, is assisting these groups as they apply for grant funds to support fuels mitigation measures. With MOFD support and coordination, some these groups are using CalFire Delta hand crews to carry out fuels mitigation measures. To reduce the cost of these crews, MOFD has purchased a trailered porta-potty and is researching purchasing a chipper. MOFD is also encouraging HOAs and neighborhood associations to pursue or re-apply for FireWise Community status as a mechanism to both adopt best practices and address potential insurance company concerns.

### **Response Plan**

1. MOFD recognizes that the potential exists for fire conditions that will exceed our fuels mitigation efforts. To address this potential, MOFD will continue its long-standing participation in the State Mutual Aid System for both engine companies and overhead assignments. The experience gained on large real world incidents will be invaluable when a major event occurs in the district and will reduce the confusion inherent to fast moving emergency operations at scale. This includes suppression and staff members who participate in the East Bay Incident Management Team to reduce organizational barriers in the event this team is activated to support MOFD operations.
2. Staff is developing a pre-plan for the large-scale deployment of regional resources throughout North Orinda to include identifying critical infrastructure (schools, evacuation routes etc) and making provisions for water shuttle operations from areas with known reliable water sources. Of note, the tactics used during the recent North Bay fires did not call for fixing fire apparatus at a hydrant and engaging fires with master streams and the

overarching theme of the MOFD plan will utilize the mobility inherent to fire apparatus to ensure efficient utilization of available resources.

3. Staff is evaluating the current MOFD fleet to determine if it is right sized for the threats we face. Areas for further study and board direction include fielding Type VI apparatus for increased access and mobility in the steep terrain that defines the North Orinda area.
4. Notification and Evacuation plans are in place with Orinda Police Department, and MOFD continues to engage with law enforcement partners to ensure notifications are coordinated with both conditions and response. These plans have recently been updated and allow for selective notifications of at risk areas by units in the field. Critical challenges remain due to the semi-rural nature of the area and the limited routes for emergency responder access also being used for egress of residents.

### **RECOMMENDATION**

- 1) Discuss; 2) Deliberate; 3) No action required

### **ATTACHMENT**

- 1) Attachment A – EBMUD Pipeline Replacement List
- 2) Attachment B – EBMUD Pipeline Replacement Map

# Attachment A

**Table 1. Completed & Planned Pipeline Replacement Projects located within the City of Orinda**  
(Sorted by 1999 Engineering Study then by Year and Project Limit)

In 1999 Engineering Study	Project Limit	Length (ft)	Diameter (in)	Status	Year
Yes	Acacia Drive	1,646	8	Completed	1998
Yes	Brookwood Road	3,592	8 & 12	Completed	1998
Yes	Hacienda Circle	1,543	8	Completed	1998
Yes	Loma Vista Drive	3,026	8	Completed	1998
Yes	Oakwood Rd	212	6	Completed	1998
Yes	La Noria	785	8	Completed	1999
Yes	Tahos Road	1,123	12	Completed	1999
Yes	El Sereno	58	6	Completed	2000
Yes	Camino Don Miguel	2,402	8	Completed	2001
Yes	R/W 4413 (Sunrise Hill Rd or Oak Rd EVA)	258	12	Completed	2004
Yes	Snowberry Ct	648	8	Completed	2004
Yes	Charles Hill Rd	354	6	Completed	2005
Yes	Bryant Way	518	12	Completed	2006
Yes	Northwood Dr	62	8	Completed	2006
Yes	Oakwood Rd	82	8	Completed	2007
Yes	Orchard Rd	2,699	6	Completed	2007
Yes	Orchard Rd	796	12	Completed	2007
Yes	Orchard Rd	37	6	Completed	2007
Yes	Orchard Rd	207	8	Completed	2007
Yes	Spring Rd	668	8	Completed	2007
Yes	Saint Hill Rd	36	6	Completed	2008
Yes	Sleepy Hollow Ln	895	8	Completed	2008
Yes	Crest View Dr	867	8	Completed	2009
Yes	La Senda	437	5	Completed	2010
Yes	Scenic Dr	342	6	Completed	2011
Yes	Charles Hill Way	1,224	12	Completed	2014
Yes	Sleepy Hollow Ln	242	8	Completed	2014
Yes	Sleepy Hollow Ln	2,297	4	Completed	2014
Yes	Amber Valley Dr	1,033	6	Completed	2016
Yes	St James Ct	784	6	Completed	2017
Yes	200 Canon Dr to end	1,111	8	Planned	2018
Yes	259 El Toyonal to Westside Reservoir	167	12	Planned	2020
Yes	Hall Cluster (Hall Dr, Woodland Rd, La Cresta Rd)	5,149	8, 12, & 16	Planned	2020
Yes	Dos Osos Reservoirs to private roadway Los Norrabos	686	12	Planned	2023-2024
No	Donald Dr	911	8	Completed	1999
No	Harran Cir	258	8	Completed	1999
No	Hillcrest Dr	1,608	8	Completed	1999
No	Moraga Ct	209	6	Completed	1999
No	Moraga Way	1,431	12	Completed	1999
No	Mulholland Reservoirs to Donald Dr	60	8	Completed	1999
No	Vianne Ct	233	8	Completed	1999
No	Alice Ct	378	8	Completed	2000
No	El Pulgar	365	8	Completed	2000
No	La Espiral Rd	499	8	Completed	2000
No	La Espiral Rd	86	8	Completed	2000
No	Los Dedos Rd	1,032	8	Completed	2000
No	Southwood Ct	308	8	Completed	2000
No	Barbara Rd	196	8	Completed	2001
No	Estates Ct	304	8	Completed	2001
No	Holly Ln	163	12	Completed	2001
No	Kinckerbocker Ln	148	12	Completed	2001
No	Lloyd Ln	283	8	Completed	2001
No	Meadow Ct	339	8	Completed	2001
No	Meadow Ln	1,361	8	Completed	2001
No	Northwood Ct	229	8	Completed	2001
No	Northwood Dr	841	8	Completed	2001
No	Oak Ct	258	6	Completed	2001
No	Oak Rd	3,260	8	Completed	2001
No	Richard Ct	301	8	Completed	2001
No	California Ave	670	8	Completed	2002

# Attachment A

**Table 1. Completed & Planned Pipeline Replacement Projects located within the City of Orinda**  
(Sorted by 1999 Engineering Study then by Year and Project Limit)

In 1999 Engineering Study	Project Limit	Length (ft)	Diameter (in)	Status	Year
No	Claremont Ave	624	8	Completed	2002
No	Great Oaks Cir	143	8	Completed	2002
No	Kittiwake Rd	469	8	Completed	2002
No	Sunrise Hill Rd	97	8	Completed	2002
No	Van Ripper Ln	39	8	Completed	2002
No	Sandy Ct	216	6	Completed	2004
No	Sunrise Hill Ct	20	8	Completed	2004
No	Sunrise Hill Rd	333	8	Completed	2004
No	Brookside Rd	488	8	Completed	2005
No	El Toyonal	427	8	Completed	2005
No	Valley View Dr	838	8	Completed	2005
No	Altarinda Cir	247	8	Completed	2006
No	Ardor Dr	1,223	8	Completed	2006
No	Camino Encinas	99	8	Completed	2006
No	Camino Sobrante	78	6	Completed	2006
No	Crestview Dr	765	8	Completed	2006
No	Daisy Ln	17	8	Completed	2006
No	Estates Dr	328	8	Completed	2006
No	Holly Ln	165	8	Completed	2006
No	La Sombra Ct	12	8	Completed	2006
No	Loma Linda Ct	28	8	Completed	2006
No	Moraga Way	1,230	8	Completed	2006
No	Soule Rd	365	8	Completed	2006
No	Tappan Ln	14	8	Completed	2006
No	Baseline PP	221	12	Completed	2007
No	Baseline PP	61	16	Completed	2007
No	E. Altarinda Dr	1,194	8	Completed	2007
No	Ellen Ct	50	8	Completed	2007
No	Existing PP Discharge	6	6	Completed	2007
No	Glorieta Blvd	181	16	Completed	2007
No	Glorietta Blvd	3,131	12	Completed	2007
No	Glorietta Blvd	46	8	Completed	2007
No	Laguna Reservoirs	138	8	Completed	2007
No	Las Cascadas Rd	554	8	Completed	2007
No	Moraga Via	37	8	Completed	2007
No	Moraga Way	73	12	Completed	2007
No	Virginia Dr	39	8	Completed	2007
No	Moraga Way	1,071	8	Completed	2008
No	Club Rd	938	12	Completed	2009
No	Miner Rd	802	16	Completed	2009
No	Miner Rd	779	8	Completed	2009
No	R/W 2432	14	6	Completed	2009
No	Rheem Blvd	701	12	Completed	2009
No	Tappan Way	216	8	Completed	2009
No	Wilder Rd	52	8	Completed	2009
No	Big Leaf Rd	2,559	8	Completed	2010
No	Big Leaf Rd	1,328	12	Completed	2010
No	Big Leaf Rd	222	8	Completed	2010
No	Big Leaf Rd	1,401	8	Completed	2010
No	Boeger Ranch Rd	560	12	Completed	2010
No	Brookside Rd	1499	12	Completed	2010
No	Fiddleneck Way	30	12	Completed	2010
No	Frogs Leap Way	498	8	Completed	2010
No	Frogs Leap Way	147	6	Completed	2010
No	Parkway Ct	239	6	Completed	2010
No	Quarry Hill Rd	526	12	Completed	2010
No	Quarry House Rd	636	12	Completed	2010
No	Quarry House Rd	569	6	Completed	2010
No	R/W 4413	309	12	Completed	2010
No	R/W N/E of Wilder Rd (Wilder Dev)	17	8	Completed	2010

# Attachment A

**Table 1. Completed & Planned Pipeline Replacement Projects located within the City of Orinda**  
(Sorted by 1999 Engineering Study then by Year and Project Limit)

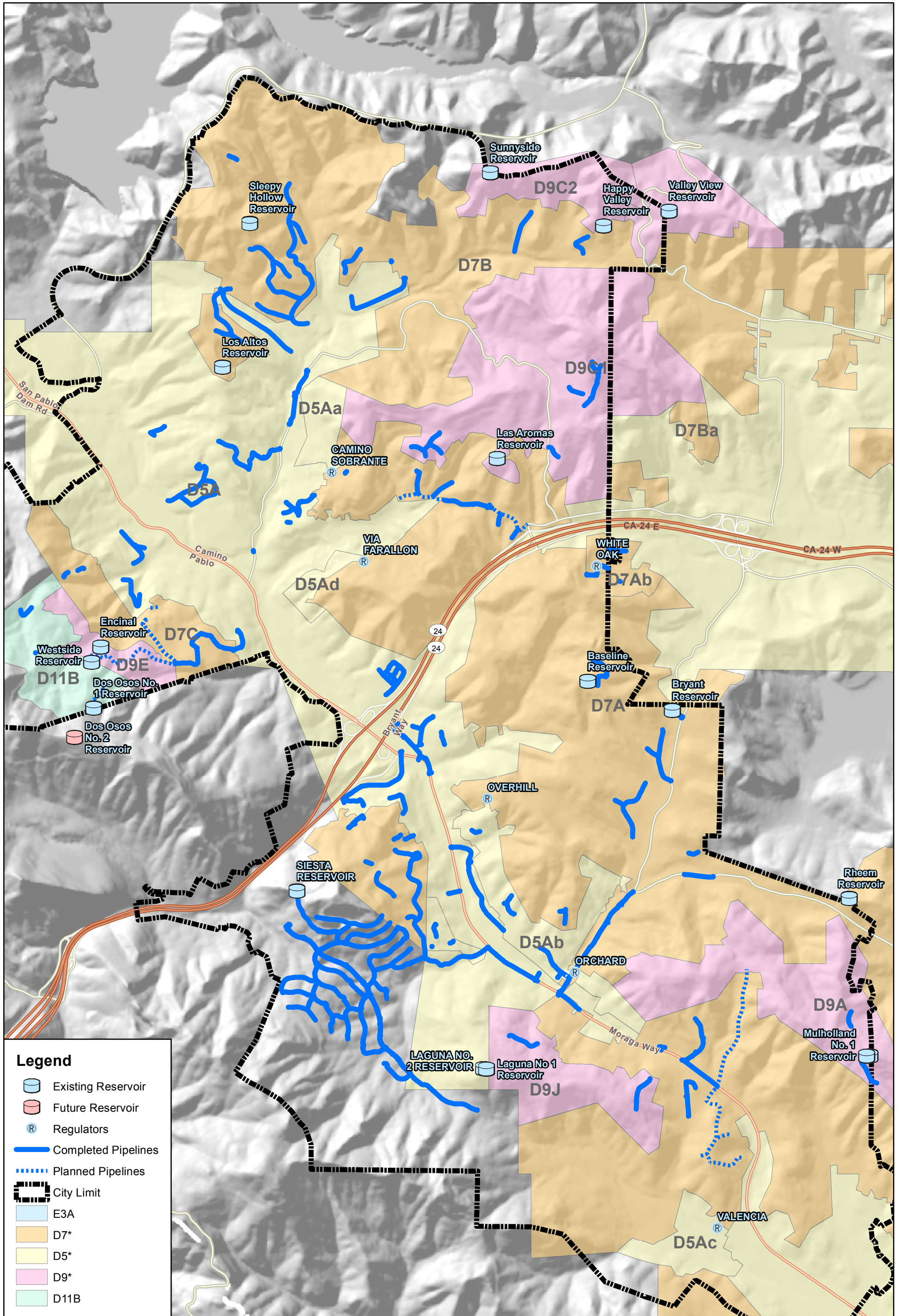
In 1999 Engineering Study	Project Limit	Length (ft)	Diameter (in)	Status	Year
No	Rabble Rd	486	12	Completed	2010
No	Rabble Rd	1,693	8	Completed	2010
No	S Place	284	4	Completed	2010
No	Wilder Rd	2,695	12	Completed	2010
No	Wildrye Way	565	8	Completed	2010
No	Wildrye Way (Wilder Dev)	474	12	Completed	2010
No	Big Leaf Rd	479	12	Completed	2011
No	Debra Ct	134	6	Completed	2011
No	Paintbrush Ln	1,811	8	Completed	2011
No	R/W 2430	10	6	Completed	2011
No	Saint Hill Rd	7	6	Completed	2011
No	White Oak Dr	270	6	Completed	2011
No	Wilder Rd	4,354	12	Completed	2011
No	Wilder Rd	194	12	Completed	2011
No	Windy Creek Way	216	12	Completed	2011
No	Windy Creek Way	170	8	Completed	2011
No	Blackthorn Rd	430	8	Completed	2012
No	Wilder Rd	1,405	12	Completed	2012
No	Wilder Rd	818	8	Completed	2012
No	Bay Tree Ridge	421	8	Completed	2013
No	Cork Tree Ln	297	8	Completed	2013
No	Miller Ct	769	8	Completed	2013
No	Pepper Tree Terrace	328	8	Completed	2013
No	Pomelo Place	381	8	Completed	2013
No	Quince Terrace	268	8	Completed	2013
No	Tamarillo St	324	8	Completed	2013
No	Wild Plum Way	537	8	Completed	2013
No	Big Leaf Rd	1,218	8	Completed	2014
No	Big Leaf Rd	41	8	Completed	2014
No	Big Leaf Rd	310	8	Completed	2014
No	Coffee Berry Ln	54	8	Completed	2014
No	Coffee Berry Ln	522	8	Completed	2014
No	Dairy Creek Ln	751	8	Completed	2014
No	Eva 1	530	8	Completed	2014
No	Eva 2	39	8	Completed	2014
No	Eva 2	255	8	Completed	2014
No	Eva 3	222	12	Completed	2014
No	Eva 5	601	8	Completed	2014
No	Grassy Hill Way	394	8	Completed	2014
No	Monkeyflower Ln	1,070	8	Completed	2014
No	Normandy Ln	1,274	12	Completed	2014
No	Ridge Ln	231	12	Completed	2014
No	Ridge Ln	490	6	Completed	2014
No	Tomcat Way	362	12	Completed	2014
No	Twig Ln	697	8	Completed	2014
No	West Hill way	31	8	Completed	2014
No	West Hill way	722	8	Completed	2014
No	Wild Lilac Way	785	8	Completed	2014
No	Windy Creek Way	1,602	8	Completed	2014
No	Big Rock Rd	1,541	8	Completed	2015
No	Big Rock Rd	145	8	Completed	2015
No	Fiddleneck Way	756	8	Completed	2015
No	Fiddleneck Way	472	12	Completed	2015
No	Honeywood Rd	656	6	Completed	2015
No	Quarry Hill Rd	310	8	Completed	2015
No	R/W 574	211	8	Completed	2015
No	Lomas Cantadas	4	6	Completed	2016
No	White Oak Dr	319	6	Completed	2016
No	Lombardy Ln	41	8	Completed	2017
No	Miner Rd	40	16	Completed	2017

# Attachment A












**Table 1. Completed & Planned Pipeline Replacement Projects located within the City of Orinda**  
*(Sorted by 1999 Engineering Study then by Year and Project Limit)*

In 1999 Engineering						
Study	Project Limit	Length (ft)	Diameter (in)	Status	Year	
No	Moraga Way	627	8	Completed	2017	
No	Tappan Ct	550	6	Completed	2017	
No	Tappan Lane	2,164	8	Completed	2017	
No	Tarry Lane	4,201	8	Completed	2017	
No	Van Ripper	1,781	6	Completed	2017	
No	121 to 180 El Toyonal	1544	8	Planned	2020	
No	121 to 180 El Toyonal (Parallel Line)	1544	6	Planned	2020	
No	180 to 259 El Toyonal	2419	8	Planned	2020	
No	E. Alterinda Dr	1,049	12	Planned	2020	
No	Hall Cluster (Altamount Dr, El Nido Ct, Carmen Ct)	1,383	6 & 8	Planned	2020	
No	Las Aromas Cluster (La Espiral, Las Aromas, E Alterinda Dr)	2,390	12 & 6	Planned	2020	
No	Madera Lane	222	2	Planned	2020	
<b>Total Length, Feet</b>		<b>137,218</b>				
<b>Total Length, Miles</b>		<b>26.0</b>				





**Legend**

-  Existing Reservoir
-  Future Reservoir
-  Regulators
-  Completed Pipelines
-  Planned Pipelines
-  City Limit
-  E3A
-  D7\*
-  D5\*
-  D9\*
-  D11B



EAST BAY  
MUNICIPAL UTILITY DISTRICT  
375 11th Street, Oakland, CA

DRAWN: N. Li  
REVIEWED: B. Ledesma  
File: Completed and Planned Pipeline Replacement Projects.mxd

City of Orinda  
Completed & Planned Pipeline Projects Since 1999

1 in = 0.4 mi  
2/15/18  
FIGURE 1





# Moraga-Orinda Fire District

---

**TO:** Board of Directors  
**FROM:** David Winnacker, Fire Chief  
**DATE:** May 19, 2021  
**SUBJECT:** Item 9.1 – EBMUD Fire Hydrant Maintenance Program

## **BACKGROUND**

At the April 2021 MOFD Board meeting, a member of the board requested a future agenda item to discuss fire hydrant maintenance. MOFD staff conducts annual visual inspections, removes vegetation surrounding hydrants as needed, exercises caps to ensure they are no more than hand tight, touches up cap and bonnet paint to indicate water pressure and GPM, paints gate valve caps, and maintains blue dots in the roadway. Hydrant repair, replacement, and flow testing is an EBMUD responsibility. EBMUD staff will present information on their hydrant repair and replacement program.

## **RECOMMENDATIONS**

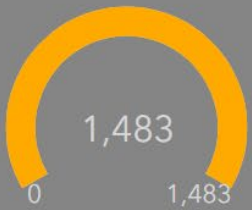
- 1) No action required; Informational purposes only



**Moraga-Orinda**  
Fire District

# 2021 Fire Hydrant Maintenance Program

Total Completion of  
Hydrant



Station 41



Station 42



Station 43



Station 44



Station 45

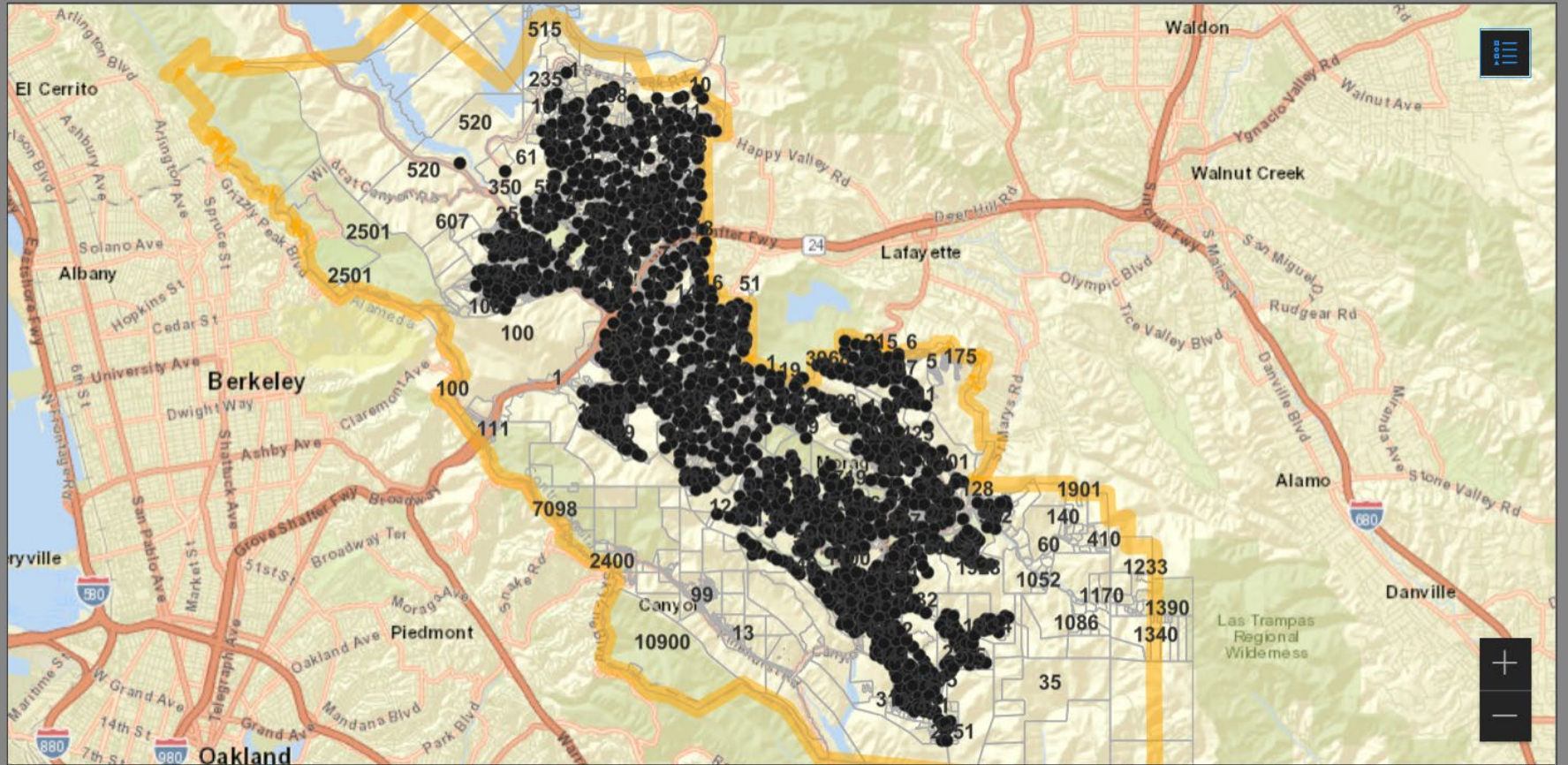


Hydrants Needing

# 839

2.5" Hydrants

# 90



Bureau of Land Management, Esri, HERE, Garmin, NGA, USGS, NPS

Powered by Esri



# Moraga-Orinda Fire District

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**TO:** Board of Directors

**FROM:** Dave Winnacker, Fire Chief

**DATE:** August 16, 2021

**SUBJECT:** **Item 8.2 – Planning for Return to In-Person Board Meetings and the Option to Provide Virtual Public Access to Public Meetings Beginning October 2021**

## **BACKGROUND**

At the July 2021 board meeting, the board directed staff to investigate options to provide in-person and virtual public access to public meetings beginning October 2021. The following requirements to host a hybrid public meeting (in person and virtual) were identified:

- A room that is large enough for board members and staff to spread out sufficiently to prevent audio feedback.
- A room large enough to support social distancing/COVID safety protocols. Many of the rooms the District has used in the past may be too small (Sarge Littlehale Room in Orinda, Moraga Library Community Room.)
- Stable wireless Internet access with adequate bandwidth and connectivity
- Laptops or tablets with built-in cameras and microphones for each board member or a single camera capable of covering all board members at the same time

Staff consulted with Keentek, an audio and video solutions provider. Keentek is determining if the City of Orinda's auditorium is conducive to a hybrid environment utilizing existing AV equipment with an all-in-one conferencing system (Zoom Room) or with the Granicus agenda management encoder that integrates the video streaming element with the agenda management software.

Staff also consulted with the city of Rancho Palos Verdes in Southern California. Rancho Palos Verdes has been successfully producing hybrid board meetings for the last year utilizing an encoder and Zoom application. The equipment they are using includes Granicus Live meeting manager software, encoder, five cameras and permanently installed audio/microphones. In addition, at each public meeting the city uses five city employees to broadcast the meeting: two camera operators, one city clerk and two virtual Zoom operators to manage the virtual elements of the meeting. The city also utilizes information technology staff to provide technology support during the meetings to resolve technical issues.

## **OPTIONS**

The District has the following options for public meetings:

1. City of Orinda Auditorium – City staff confirmed they are willing to allow the District to use their auditorium, audio and visual system. The District would need to purchase an encoder, encoder software and camera. Estimated cost \$10,652

2. Town of Moraga Council Chambers – Town staff confirmed they are willing to allow the District to use the council chambers and audio system. The District would need to purchase an encoder, encoder software and camera. Estimated cost \$10,652
3. Joaquin Moraga Intermediate School Auditorium – School district staff confirmed they are willing to allow the District to use the auditorium. MOFD’s existing audio and visual system will work in this location.

For October, Staff recommends utilizing the Joaquin Moraga Intermediate School Auditorium as the largest available space which will support use of MOFD’s equipment. An AV support specialist may be required.

Although both the City and Town Council Chambers are equipped with existing AV appliances, the District would need to purchase a separate encoder appliance or Zoom Room as these systems do not allow for separate organizations to share the appliances. Additional purchases for both locations and the added complications of developing and supporting the production requirements for two separate locations make this option challenging and expensive.

Staff is evaluating available options in a central location. If the District secures one location for public meetings, an audio-visual consultant could be consulted to help design a system to successfully produce hybrid board meetings.

The variables of one meeting location versus a rotating meeting location change the requirements and the long-term recommendation. Once the meeting space variable is decided, an audio-visual expert will need to be hired to design and determine the requirement needs for hybrid board meetings.

While recent increases in COVID-19 infection rates may result in updated state requirements to resume in person meetings, staff continues to plan under the current guidance. An update with additional options will be provided if this guidance changes.

### **NEXT STEPS**

Staff is seeking Board direction regarding the continued rotation of meeting locations between Moraga and Orinda or if a single central location may be used in lieu of rotating locations.

### **RECOMMENDATION**

Informational only





# Moraga-Orinda Fire District

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**TO:** Board of Directors

**FROM:** Jonathan Holtzman, District Counsel

**DATE:** August 18, 2021

**SUBJECT: Item 8.3 – Adopt Resolution No. 21-15 Adopting Amendment-4 to Employment Agreement Between Moraga-Orinda Fire District and David Winnacker**

## **BACKGROUND**

The District entered into an Employment Agreement dated December 20, 2017 (Attachment C) with David Winnacker with respect to the terms and conditions of employment of employee as fire chief for the District. The Employment Agreement provided for future annual salary adjustments based on performance against mutually agreed upon objectives as determined by the Board following the annual written performance evaluation.

Annually, the District conducts a performance review of the Chief, and amends the Chief's contract to reflect changes in compensation based upon that evaluation. The Chief's contract requires that the evaluation be completed by December 31 of each year, and that compensation adjustments "shall be largely based on performance...following the annual written performance evaluation." The Chief's annual review was completed during calendar year 2020, however, amendments to his contract have yet to be made.

Negotiations with the Chief are conducted by a Board ad hoc subcommittee. This year, the subcommittee consisted of Board Members Jorgens and Donner. Under state law, the Chief's compensation must be approved at an open Board meeting.

The subcommittee recommends the following proposed amendments to the chief's contract:

1. Increase annual base salary by 3%, from \$248,325 to \$255,774 effective January 1, 2021.
2. Increase administrative leave from 24 hours annually to 120 hours annually effective July 1, 2021.
3. Clarify that District will pay Chief's salary for up to 30 days of active duty or inactive duty military leave.

All other terms of the contract shall remain unchanged for 2021.

District Counsel recommends the Board adopt Resolution No. 21-15 (Attachment A) Adopting Amendment-4 to Employment Agreement Between Moraga-Orinda Fire District and David Winnacker.

## **STAFF RECOMMENDATION**

- 1) Discuss; 2) Deliberate; 3) Adopt Resolution No. 21-15 Adopting Amendment-4 to Employment Agreement Between Moraga-Orinda Fire District and David Winnacker

## **ATTACHMENTS**

Attachment A - Resolution No. 21-15 Adopting Amendment-4 to Employment Agreement Between Moraga-Orinda Fire District and David Winnacker

Attachment B – Amendment-4 to Employment Agreement Between Moraga-Orinda Fire District and David Winnacker

Attachment C – Employment Agreement and Amendment-1, 2 and 3 Between Moraga-Orinda Fire District and David Winnacker

**RESOLUTION NO. 21-15**

**RESOLUTION OF MORAGA-ORINDA FIRE DISTRICT  
("DISTRICT") ADOPTING AMENDMENT-4 TO EMPLOYMENT AGREEMENT  
BETWEEN MORAGA-ORINDA FIRE DISTRICT AND DAVID WINNACKER**

WHEREAS, the Moraga-Orinda Fire District ("District") hired David Winnacker ("Employee") as Fire Chief effective December 20, 2017; and

WHEREAS, the District and the Employee agreed with respect to terms and conditions of employment of Employee as Fire Chief for the District; and

WHEREAS, the terms and conditions of employment are detailed in the Employment Agreement dated December 20, 2017 ("Employment Agreement"); and

WHEREAS, the terms and conditions of employment include future annual salary adjustments based on performance against mutually agreed upon objectives as determined by the Board following the annual written performance evaluation;

NOW THEREFORE BE IT RESOLVED, the District and Employee agree to voluntarily reopen the Employment Agreement to provide an annual base salary to Employee of \$255,774; and,

BE IT FURTHER RESOLVED, the District and Employee voluntarily agree to provide administrative leave of 120 hours on July 1 of each fiscal year; and,

BE IT FURTHER RESOLVED, the District and Employee voluntarily agree to provide salary for the first thirty days of a temporary military leave of absence including both active and inactive duty training.

PASSED, APPROVED and ADOPTED this 18th day of August, 2021 at a regular meeting of the District Board of Directors held on August 18, 2021, via teleconference, on motion made by Director \_\_\_\_\_, seconded by Director \_\_\_\_, and duly carried with the following roll call vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Dated: **August 18, 2021**

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Craig Jorgens, President  
Board of Directors

ATTEST:

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Marcia Holbrook, District Clerk



**AMENDMENT-4 TO  
EMPLOYMENT AGREEMENT BETWEEN  
MORAGA-ORINDA FIRE DISTRICT AND DAVID WINNACKER**

This Amendment to the Agreement is made and entered into on August 18, 2021 (“Effective Date”), by and between the Moraga-Orinda Fire District ("District") and David Winnacker ("Employee" or "Fire Chief").

**Recitals**

A The District and David Winnacker are parties to an Employment Agreement dated December 20, 2017. That agreement was amended effective June 1, 2018 to clarify certain terms related to military service (Amendment 1). The Agreement was amended again effective January 1, 2019 to increase Winnacker’s annual salary and clarify certain terms related to medical and dental insurance (Amendment 2). The Agreement was amended again effective January 1, 2020 to increase Winnacker’s annual salary, provide a retention incentive and provide compensation for third party reimbursed participation in OES Master Mutual Aid (Amendment 3);

B. The Employment Agreement provides that Employee's annual salary adjustments shall be based on performance as measured against mutually agreed upon objectives as determined by the Board following the annual written performance evaluation;

C. The Board has completed its performance review of Employee for Calendar Year 2020;

D. The parties now desire to amend the Employment Agreement to increase the Employee's annual base salary, increase management leave, modify provisions regarding compensation during military leave.

**AMENDMENT**

**Section 5.1. Salary is hereby amended to read as follows:**

Effective January 1, 2021, District agrees to increase Employee's annual base salary by 3%, from \$248,325 to \$255,774, payable in installments at the same time and in the same manner as other employees of the District are paid. A 414 (h) 2 provision will be added to this base salary (currently 3.91% of base salary) that is consistent with the District's 414 (h) 2 Program, subject to the Employee paying 100% of the employee retirement contribution (28% of pensionable compensation, or \$68,652). Unless otherwise specified herein, Employee shall receive all normal and customary health, welfare and retirement benefits provided to all safety employees of the District unless otherwise provided herein. Employee's future annual salary adjustments shall be largely based on performance against mutually agreed upon objectives as determined by the Board following the annual written performance evaluation.

**Section 5.12. Administrative Leave is hereby amended to read as follows:**

Employee will be credited 120 hours of Administrative Leave on July 1 of each fiscal year for use within that fiscal year, beginning on July 1, 2021. Such Administrative Leave may not be accumulated over any fiscal year and carried over, nor may it be sold back.

**Section 5.14 Military Service, added by Amendment 1, effective June 1, 2018, shall be amended to read as follows:**

District shall pay Employee his salary for the first 30 days of temporary military leave of absence. Notwithstanding MOFD Resolution 18-11, as an additional bargained element of the Chief's compensation package, the 30 days of paid leave may include inactive duty training. Nothing herein shall alter Resolution No. 18-11 as applied to other District employees.

“District”

“Employee”

Dated: \_\_\_\_\_

Dated: \_\_\_\_\_

\_\_\_\_\_  
Craig Jorgens, President

\_\_\_\_\_  
David Winnacker

Approved As To Form:

\_\_\_\_\_  
Jonathan V. Holtzman  
District Counsel



## EMPLOYMENT AGREEMENT BETWEEN MORAGA-ORINDA FIRE DISTRICT AND DAVID WINNACKER

This Agreement ("Agreement") is made and entered into as of the effective date, by and between the Moraga-Orinda Fire District ("District") and David Winnacker ("Employee" or "Fire Chief"), becoming effective December 20, 2017 (the "Effective Date"), with respect to terms and conditions of employment of Employee as Fire Chief for District.

WHEREAS, District desires to employ the services of Employee as Fire Chief of the District; and

WHEREAS, Employee desire to accept employment as Fire Chief of the District on the terms and conditions contained in this Agreement; and

NOW, THEREFORE, in consideration of the mutual covenants contained in this Agreement the parties agree as follows:

### Section 1. Duties.

The Fire Chief position is that of Chief Administrator of the District and is responsible for the efficient administration of all affairs of the District which are under his control. At all times during the term of this Agreement, Employee shall be directly responsible to and report to the Board.

### Section 2. Term.

Section 2.1. The term of this Agreement shall commence on the Effective Date and shall continue until December 20, 2022. This term may be extended or renewed prior to the expiration date by mutual agreement of the parties. In the event of non-renewal or non-extension there shall be no severance pay under Section 3. The parties expressly agree that the employment of the Fire Chief is at will and this Agreement may be terminated at any time before the expiration of this term by either party with or without stated cause. Termination by the Board without stated cause will entitle Employee to payment of severance pay as provided more specifically in Section 3.

### Section 3. Termination and Severance Pay.

Section 3.1. The Board shall engage in an oral review of the Fire Chief's performance after the first 3 months and again after the first 6 months. A written review will occur annually as provided in Section 10 hereof. Such reviews may be facilitated by a professional mutually acceptable to the Board and the Fire Chief. The Board and Fire Chief shall establish such goals and performance objectives with timetables which they mutually determine necessary and appropriate for the District's policy and operational objectives. The Board and Fire Chief shall further establish a relative priority among the various goals and objectives. The goals and objectives shall be attainable generally within the time limit as specified. This section shall not prevent more frequent evaluations as necessary.

Section 3.2. Should the Fire Chief receive a "below satisfactory rating" on his written performance evaluation, Employee shall have two (2) months from receipt of that evaluation to improve Employee's performance.

A follow up review will be scheduled at that time. If Employee receives a "below satisfactory rating" on Employee's follow up performance evaluation the Employee will be given another one (1) month to improve. A follow up review will be scheduled at that time. If Employee receives a "below satisfactory rating" on Employee's third performance review, the Employee will be terminated and given forty five (45) days of severance pay.

Section 3.3. In the event Employee is terminated by the Board during such time as Employee is willing and able to perform his duties under this Agreement, other than under Sections 3.2, 3.4 or 3.5, District agrees to pay Employee severance pay in a lump sum cash payment equivalent to four (4) months' salary, subject to the requirements of Government Code sections 53243.2 and 53260. District agrees to pay Employee three (3) months of District's share of medical premium in effect at the time of severance. Such severance pay shall be calculated based on Employee's current level of salary at the time of receipt of the notice.

Section 3.4. District shall have no obligation to make the severance payments specified in this section if Employee is terminated and removed from the Fire Chief position for serious misconduct. As used herein, "serious misconduct" means (i) fraud, theft, embezzlement, bribery or other similarly serious acts in connection with Employee's position or duties; (ii) conviction of any felony; (iii) violation of District policies in a manner that caused substantial loss, damage or injury to District's property or employees; (iv) habitual failure to report to work (other than because of personal illness); or (v) willful refusal to carry out the lawful directives of Board. A determination of serious misconduct shall be within the sole discretion of the Board, subject to the provisions of Government Code sections 3254 and 3254.5, and shall include a written description of the specific acts on the part of the Employee that form the basis of this determination.

Section 3.5. In the event Employee voluntarily resigns from the position of Fire Chief, Employee shall provide District a minimum of forty five (45) days written notice, unless the parties otherwise agree in writing. There shall be no severance pay under this section in the event of a voluntary separation and termination.

#### Section 4. Disability.

If Employee is permanently disabled or is otherwise unable to perform Employee's duties because of sickness, accident, injury, mental incapacity or health condition not within the scope of Labor Code section 4850 for a period of four (4) consecutive months, District, in its sole discretion, shall have the option to terminate this Agreement. There shall be no severance pay under this section or Section 3 in the event of termination under this section. During Employee's employment, the District will pay for supplemental disability insurance for disabilities not covered under Labor Code section 4850 in an amount not to exceed one thousand (\$1,000) dollars per year.

#### Section 5. Compensation and Benefits.

Section 5.1. Salary. District agrees to pay Employee for Employee's services on an annual base salary of \$215,000 payable in installments at the same time and in the same manner as other employees of the District are paid. A 414 (h) 2 provision will be added to this base salary (currently 3.91% of base salary) that is consistent with the District's 414 (h) 2 Program, subject to the Employee paying 100% of the employee retirement contribution. Unless otherwise specified herein, Employee shall receive all normal and customary health, welfare and retirement benefits provided to all safety employees of the District unless otherwise provided herein. Employee's future annual salary adjustments shall be largely based on performance against mutually agreed upon objectives as determined by the Board following the annual written performance evaluation.

Section 5.2. Automobile. District shall provide Employee with the use of an emergency vehicle twenty-four (24) hours per day for official business only. The use of such vehicle shall be subject to any existing or future Board policy established with respect to such vehicle.

Section 5.3. Uniforms. District shall provide and maintain uniforms for the Employee provided that the value of such provision and maintenance is not includible in Employee's final compensation for the purposes of calculating Employee's retirement benefits.

Section 5.4. Deferred Compensation. District shall pay at a rate of \$18,500 annually beginning in 2018 into a deferred compensation 457 plan on the same basis and timing as Employee's base salary.

Section 5.5. Vacation. Employee shall accrue vacation at the rate of two hundred and eight (208) hours per year however, maximum accrual shall be five hundred and seventy six (576) hours. District policy provides for leave without pay for annual reserve military service. Employee may not sell back any unused vacation.

Section 5.6. Holidays. Employee is entitled to eleven (11) paid holidays off from work taken in the same manner as administrative/clerical employees of the District.

Section 5.7. Sick Leave. Employee shall accrue one (1) day per month. Unused sick leave may not be sold back but may be used for the purpose of service credit in the same manner as safety employees of the district.

Section 5.8. Bereavement Leave. Employee shall have an annual bereavement leave of up to three (3) days per year for relatives defined under applicable state and federal law. Bereavement leave shall not be carried over year to year.

Section 5.9. Life Insurance. Employee shall be provided by District with a \$50,000 term life insurance policy, which shall include an accelerated death benefit option. Premiums for this insurance shall be paid by the District with conditions of eligibility to be reviewed annually. Employee may also subscribe voluntarily for supplemental life insurance coverage.

Section 5.10. Medical Plan Contribution. The District will contribute the same amount per month for Employee's medical benefits than what is provided to all other safety employees for medical benefits as of the Effective Date. If the District's medical benefit contribution for safety employees increases or decreases during the term of this Agreement, the District's contribution for Employee's medical benefits shall increase or decrease in an equal amount.

Section 5.11. Dental Plan Contribution. The District will contribute \$116.98 per month for Employee dental benefits and will provide Employee with the same increase or decrease in dental benefit contributions as all other safety legacy employees in the District.

Section 5.12. Administrative Leave. Employee shall be credited twenty four (24) hours on July 1 of each fiscal year for use within that fiscal year. Such Administrative Leave may not be accumulated over any fiscal year and carried over nor may it be sold back.

Section 5.13. OES Master Mutual Aid. The Board is supportive of the Chiefs desire to participate in and be deployed as part of the OES Master Mutual Aid system twice per year as a way to maintain and develop large scale wildland incident management skills. This participation will be supported by the Board after satisfactory performance reviews and completion of one full year of employment with MOFD.

## Section 6. Hours of Work.

The Employee shall devote such time to the Fire Chief position as may be required and necessary to perform the duties and responsibilities of Fire Chief of the District. Employee shall attend all Board of Directors' meetings unless excused by the Board President. Employee is an exempt employee (not subject to overtime under the FLSA) and is expected to devote all of the necessary time outside normal office hours as is necessary for the performance of his duties.

#### Section 7. Retirement.

Section 7.1. 3% at 50 Benefit. Employee shall receive the 3% at 50 retirement benefit subject to the terms and conditions of the Contra Costa County Plan that requires the employee to contribute at the employee contribution rates set by CCCERA. District reserves the right to change the retirement plan at any time and, if so, Employee will receive the same benefits as safety personnel.

Section 7.2. Retirement Contribution. Pursuant to the implementation of the 414 (h) 2 plan, Employee shall pay one hundred percent (100%) of the contribution required of employees.

Section 7.3. Retiree Medical. In light of Employee's prior service as a California firefighter the Employee shall receive retiree medical benefits, as of the retirement date of Employee, in an amount equal to that provided to the District's active safety employees hired by the District prior to April 2014 and covered under CALPERS.

#### Section 8. Expense Reimbursement.

District shall reimburse, provided that approval is obtained from the Board, all reasonable, actual and necessary expenses of Employee in performing the duties of the Fire Chief.

#### Section 9. Indemnification and Defense of Employee.

Section 9.1. District shall, consistent with the provisions of Government Code sections 810 et. seq., defend, save and hold harmless, and indemnify Employee against any tort, professional liability, claim or demand or any legal action, arising out of an alleged act or omission occurring in the performance of Employee's duties or actions related to his position as Fire Chief. The District will provide and pay a full legal defense with a mutually agreed upon attorney representing Employee's interest. Consistent with the requirements of Government Code Section 53243, et seq., any District funds (i) expended for the legal criminal defense of Employee, (ii) paid to Employee while on leave due to a pending investigation, and (iii) paid as severance pursuant to Section 3.4 of this Agreement, shall be repaid to the District by Employee within thirty (30) days following any conviction of Employee of a crime involving an abuse of Employee's office or position.

Section 9.2. District shall provide and pay for all cost of any fidelity or other bonds required of the Employee.

#### Section 10. Goal Setting, Performance Evaluation.

Section 10.1. Employee shall meet with the Board within the first month of employment to establish mutually agreeable goals and objectives and standards for performance.

Section 10.2. By December 30 each year or at such time as may be mutually agreed by the parties, the Board shall formally review and evaluate the performance of the Employee as provided in Section 3.1. The Board shall provide the Employee with a written summary statement of the evaluation and provide the Employee an adequate opportunity to discuss his evaluation. Employee shall sign the performance evaluation to acknowledge that he is aware of its contents.

Such evaluation shall be placed in Employee's personnel file.

Section 11. Notices.

Any notice relating to this Agreement shall be given in writing and shall be deemed sufficiently given and served for all purposes when delivered personally or by generally recognized overnight courier service, or three (3) business days after deposit in the United States mail, certified or registered, return receipt requested with postage prepaid addressed as follows:

If to Employee:

David Winnacker  
Moraga-Orinda Fire District  
1280 Moraga Way  
Moraga, CA 94556

And to

David Winnacker  
(home address as recorded in personnel file)

With a copy to:

Kathleen Famulener  
President  
Board of Directors  
Moraga-Orinda Fire District  
1280 Moraga Way  
Moraga, CA 94556

Section 12. Entire Agreement.

The terms, conditions and covenants of this Agreement are intended by the parties as a final expression of their agreement with respect to such terms, conditions and covenants as are included in this Agreement and may not be contradicted by evidence of an prior or contemporaneous agreement. This Agreement specifically supersedes any prior written or oral agreements between the parties.

Section 13. Amendment.

This Agreement may be amended from time to time only by the mutual written agreement of the parties.

Section 14. Governing Law.

This Agreement shall be governed by the laws of the State of California and of the United States, and the rights and obligations of the parties hereto shall be construed and enforced in accordance with the laws of the State of California.

Section 15. Waiver.

Any waiver at any time by any party hereto of its rights with respect to default or any other matter arising in connection with this Agreement shall not be deemed to be a waiver with respect to any other default or matter. The exercise by a party of any remedy provided in the Agreement or at law shall not prevent the exercise by that party of any other remedy provided in this Agreement or at law.

Section 16. Severability.

If any terms, provisions, conditions and covenants of this Agreement shall be held invalid or unenforceable, the remainder of this Agreement shall not be affected thereby and shall be valid and enforceable to the fullest extent permitted by law.

Section 17. Legal Advice: Neutral Interpretation.

Each party is entitled to receive independent legal advice from its attorneys with respect to the advisability of executing this Agreement and the meaning of the provisions hereof. The provisions of this Agreement shall be construed as to their fair meaning, and not for or against any party based on any attribution to such party as the source of the language in question. The headings used in this Agreement are for the convenience of reference only and shall not be used in construing this Agreement.

Section 18. No Third Party Beneficiary.

Nothing in this Agreement, express or implied, is intended to confer any rights or remedies under or by reason of this Agreement on any person other than the parties to it and their respective permitted successors and assigns, nor is anything in this Agreement intended to relieve or discharge any obligation of any third party to any party hereto or given any third person any right of subrogation or action over and against any party to this Agreement.

Section 19. Counterparts.

This Agreement is executed in four (4) duplicate originals, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. This Agreement consists of six (6) pages, which constitute the entire understanding and agreement of the parties.


IN WITNESS WHEREOF, the parties hereto have executed this Agreement with the intent to be bound thereby as of the date first written above.

"District"

"Employee"

Dated: 12/20/2017

Dated: 12/20/17

  
\_\_\_\_\_  
Kathleen Famulener, President

  
\_\_\_\_\_  
David Winnacker



Attachment B

**AMENDMENT-1 TO  
EMPLOYMENT AGREEMENT BETWEEN  
MORAGA-ORINDA FIRE DISTRICT AND DAVID WINNACKER**

This Amendment to the Employment Agreement is made and entered into as of the effective date, by and between the Moraga-Orinda Fire District ("District") and David Winnacker ("Employee" or "Fire Chief"), becoming effective June 1, 2018 (the "Effective Date"), with respect to the terms and conditions of employment of Employee as Fire Chief for the District.

**Recitals**

A. The District and David Winnacker are parties to that certain Employment Agreement, dated December 20, 2017, which provided for annual vacation hours and leave without pay for annual reserve military service.

B. California law requires the District to pay an employee his or her salary for the first 30 days of active duty training if the employee is on a temporary military leave of absence for a period of ordered active duty training not exceeding 180 calendar days, and the employee has completed at least one year of service at the District, recognized military service, or a combination of both, immediately prior to the day on which the absence begins.

C. The parties now desire to amend the Employment Agreement to decrease Employee's annual vacation hours and to provide for 30 calendar days of paid temporary military leave of absence for ordered active duty training in accordance with California law.

**AMENDMENT**

Section 5.5. Vacation of the Agreement is hereby amended to read as follows:

Section 5.5. Vacation.

For the 2018 calendar year, employee shall accrue vacation at the rate of one hundred sixty-eight (168) hours per year however, maximum accrual shall be four hundred sixty-five (465) hours. Employee may not sell back any unused vacation.

Section 5.14. Military Service is hereby added to the Employment Agreement to read as follows:

Section 5.14. Military Service.

District shall pay Employee his salary for the first 30 calendar days of a temporary military leave of absence for ordered active duty training in accordance with California law. District shall not provide paid temporary military leave of absence for periods of inactive duty training.

"District"

"Employee"

Dated: \_\_\_\_\_

Dated: \_\_\_\_\_

Craig Jorgens, Secretary

David Winnacker

Approved As To Form:

Jonathan Holtzman, District Counsel

**AMENDMENT-2 TO  
EMPLOYMENT AGREEMENT BETWEEN  
MORAGA-ORINDA FIRE DISTRICT AND DAVID WINNACKER**

This Amendment to the Agreement is made and entered into as of the effective date, by and between the Moraga-Orinda Fire District ("District") and David Winnacker ("Employee" or "Fire Chief"), becoming effective January 1, 2019 (the "Effective Date"), with respect to terms and conditions of employment of Employee as Fire Chief for the District.

**Recitals**

A. The District and David Winnacker are parties to that certain Employment Agreement, dated December 20, 2017, which provided for an annual base salary of \$215,000.

B. The Employment Agreement provides that Employee's future annual salary adjustments shall be largely based on performance against mutually agreed upon objectives as determined by the Board following the annual written performance evaluation.

C. The Employment Agreement provides for medical and dental plan contributions of the same amount as other safety employees. The parties now desire to clarify these sections to provide medical and dental plan contributions of the same amount as employees represented by the Moraga-Orinda Fire Chief Officers' Association.

D. The parties now desire to amend the Employment Agreement to increase the Employee's annual base salary.

**AMENDMENT**

Section 5.1. Salary of the Agreement is hereby amended to read as follows:

Section 5.1. Salary.

District agrees to pay Employee for Employee's services on an annual base salary of \$236,500 payable in installments at the same time and in the same manner as other employees of the District are paid. A 414 (h) 2 provision will be added to this base salary (currently 3.91% of base salary) that is consistent with the District's 414 (h) 2 Program, subject to the Employee paying 100% of the employee retirement contribution. Unless otherwise specified herein, Employee shall receive all normal and customary health, welfare and retirement benefits provided to all safety employees of the District unless otherwise provided herein. Employee's future annual salary adjustments shall be largely based on performance against mutually agreed upon objectives as determined by the Board following the annual written performance evaluation.

Section 5.10. is hereby amended to read as follows:

Section 5.10. Medical Plan Contribution.

The District will contribute the same amount per month for Employee's medical benefits than what is provided to employees in the Moraga-Orinda Fire Chief Officers' Association for medical benefits as of the Effective Date. If the District's medical benefit contribution for employees in the Moraga-Orinda Fire Chief Officers' Association increases or decreases during the term of this Agreement, the District's contribution for Employee's medical benefits shall increase or decrease in an equal amount.


Section 5.11. is hereby amended to read as follows:

Section 5.11. Dental Plan Contribution.

The District will contribute the same amount per month for Employee dental benefits and will provide Employee with the same increase or decrease in dental benefit contributions as all other employees in the Moraga-Orinda Fire Chief Officers' Association.

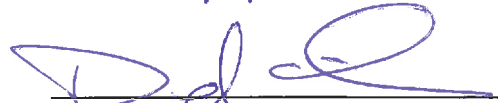
"District"

Dated: 4/23/2019

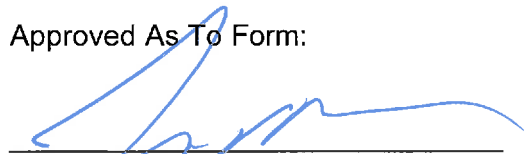
  
Steven Danziger, President

"Employee"

Dated: 4/19/19

  
David Winnacker

Approved As To Form:

  
Jonathan Holtzman  
District Counsel

**AMENDMENT-3 TO  
EMPLOYMENT AGREEMENT BETWEEN  
MORAGA-ORINDA FIRE DISTRICT AND DAVID WINNACKER**

This Amendment to the Agreement is made and entered into as of the effective date, by and between the Moraga-Orinda Fire District ("District") and David Winnacker ("Employee" or "Fire Chief"), becoming effective January 1, 2020 (the "Effective Date"), with respect to terms and conditions of employment of Employee as Fire Chief for the District.

**Recitals**

A. The District and David Winnacker are parties to an Employment Agreement dated December 20, 2017. That agreement was amended effective June 1, 2018 to clarify certain terms related to military service (Amendment 1). The Agreement was amended again effective January 1, 2019 to increase Winnacker's annual salary and clarify certain terms related to medical and dental insurance (Amendment 2);

B. The Employment Agreement provides that Employee's annual salary adjustments shall be based on performance as measured against mutually agreed upon objectives as determined by the Board following the annual written performance evaluation;

C. The Board has completed its performance review of Employee for Calendar Year 2019;

D. The parties now desire to amend the Employment Agreement to increase the Employee's annual base salary and provide a retention bonus;

E. The parties now desire to clarify the terms of participation and deployment as a part of the OES Master Mutual Aid system.

**AMENDMENT**

Section 5.1. Salary of the Agreement is hereby amended to read as follows:

Section 5.1. Salary.

Effective December 20, 2019, District agrees to pay Employee for Employee's services on an annual base salary of \$248,325 payable in installments at the same time and in the same manner as other employees of the District are paid. A 414 (h) 2 provision will be added to this base salary (currently 3.91% of base salary) that is consistent with the District's 414 (h) 2 Program, subject to the Employee paying 100% of the employee retirement contribution. Unless otherwise specified herein, Employee shall receive all normal and customary health, welfare and retirement benefits provided to all safety employees of the District unless otherwise provided herein. Employee's future annual salary adjustments shall be largely based on performance against mutually agreed upon objectives as determined by the Board following the annual written performance

evaluation.

Payment Upon Termination of Employment

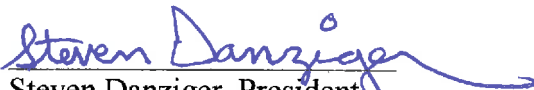
District agrees that, provided Winnacker serves until the completion of his current five-year contract on December 20, 2022, he shall be entitled to receive a one-time payment of \$75,000 as excess compensation, to be paid only after his termination of employment from the District. This payment shall not be included in compensation earnable for retirement purposes and will not be paid if CCCERA determines it to be pensionable.

Section 5.13.OES Master Mutual Aid is hereby amended to read as follows:

The Board is supportive of the Chief's desire to participate in and be deployed as part of the OES Master Mutual Aid system as a way to maintain and develop large scale wildland incident management skills. The Chief shall only be deployed to Northern California operations. In addition, the Chief shall notify the Board of Directors prior to each deployment. While deployed, in addition to his regular salary, the Chief shall be paid his regular hourly pay rate for time in excess of 8 hours per day and any time on weekends. Such payment is contingent upon reimbursement of the District by third parties for the Chief's time and shall be limited to the amount of such reimbursement, minus any administrative fees due to the District.

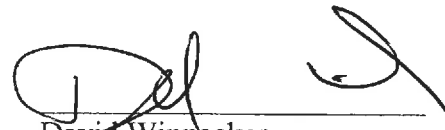
"District"

Dated: 4/6/20

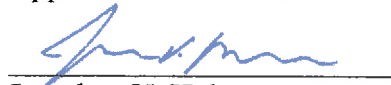
  
Steven Danziger, President

"Employee"

Dated: 4/6/20

  
David Winnacker

Approved As To Form:

  
Jonathan V. Holtzman  
District Counsel

Attachment A to Amendment-3

In consideration of the Chief's further commitment to the District, on a one-time only basis, the Board hereby authorizes payment to the Fire Chief of time reimbursed to the District by the State for his deployment to the Kincaid Fire. Except as provided in this side letter, the amendments to section 5.13 of Amendment-3 of this contract shall not be retroactive. Consistent with CCCERA rules, no payments made pursuant to amended section 5.13 shall be considered "compensation earnable" for the purpose of calculating pension as they constitute pay for time spent beyond normal working hours.



# Moraga-Orinda Fire District

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**TO:** Board of Directors

**FROM:** Gloriann Sasser, Administrative Services Director

**DATE:** August 16, 2021

**SUBJECT:** **Item 8.4 – Discount Rate for the Other Post-Employment Benefits Actuarial Valuation Report as of June 30, 2021 and for the Pension Rate Stabilization Trust Fund**

## **BACKGROUND**

The District contracted with Precision Actuarial, Inc. to complete the required GASB 75 Other Post-Employment Benefits (OPEB) Actuarial Valuation Report as of June 30, 2021. Preparation of the report is in progress. As part of the process for the new report, Precision Actuarial requested from HighMark Capital Management the most recent long-term, capital market return estimates for asset classes as it pertains to the District's OPEB Plan.

The projected long-term expected rate of return for the District's OPEB portfolio is 6.64% gross of fees (Attachment A.) The expected rate of return net of fees is 6.14%. Based on the updated long-term expected rate of return, Precision Actuarial recommends the District use a discount rate of 6.14% for the June 30, 2021 OPEB actuarial valuation report. The prior actuarial valuation report used a discount rate of 6.25% (June 30, 2020).

The draft actuarial valuation report will be presented to the Board at the September board meeting and the final actuarial valuation report is scheduled for approval at the October board meeting.

The projected long-term expected rate of return for the District's Pension Rate Stabilization Trust Fund portfolio is also 6.64% gross of fees (Attachment A.) The expected rate of return net of fees is 6.14%. At Board direction, the Pension Rate Stabilization Trust Fund currently assumes a 6.25% rate of return. Staff requests Board direction regarding the discount rate used for the Pension Rate Stabilization Trust funding and District pension information provided in the next Long Range Financial Forecast update scheduled for April 2022.

## **RECOMMENDATION**

1) Discuss; 2) Deliberate; 3) Staff recommends the Board follow the actuary's recommendation and direct the use of a discount rate of 6.14% reduced from the current Board directed assumption of 6.25% for the GASB 75 OPEB Actuarial Valuation Report as of June 30, 2021; 4) Staff requests Board direction regarding the discount rate used for the Pension Rate Stabilization Trust funding and District pension information provided in the next Long Range Financial Forecast update scheduled for April 2022.

## **ATTACHMENTS**

Attachment A – HighMark Capital Management report

# Moraga Orinda Fire Protection District

July 12, 2021

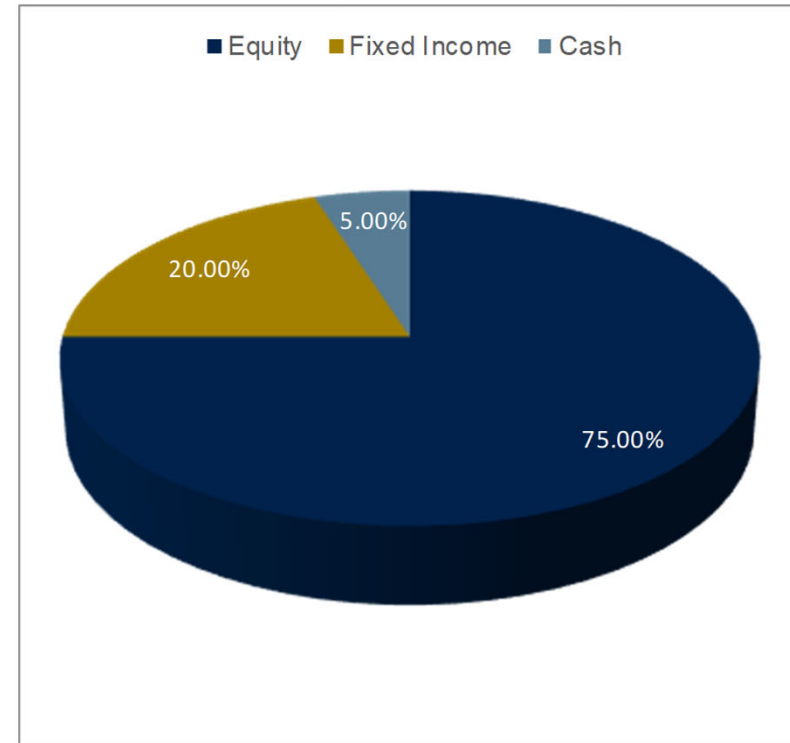
**Andrew Brown, CFA**  
Director & Senior Portfolio Manager



# Moraga Orinda Fire Protection District - Sample Portfolio Asset Allocation

## Capital Appreciation Strategy

Asset Class	Weight	Asset Class Expected Return**
<b>Equity</b>	<b>75.00%</b>	
Large Cap Core	39.50%	6.80%
Mid Cap Core	7.50%	7.10%
Small Cap Core	10.50%	7.90%
Real Estate	2.00%	6.60%
International	10.25%	7.30%
Emerging Markets	5.25%	7.30%
<b>Fixed Income</b>	<b>20.00%</b>	
Short Term Bond	3.00%	3.30%
Intermediate Term Bond	16.00%	3.90%
High Yield	1.00%	6.10%
<b>Cash</b>	<b>5.00%</b>	<b>2.40%</b>
Expected Return*	6.64%	
Expected Standard Deviation	12.53%	



This Sample Portfolio has been prepared for the sole use of the **Moraga Orinda Fire Protection District**. While the information contained herein has been obtained from sources believed to be accurate and reliable, any other reproduction or use of this information may necessitate further disclosures in order to ensure that the presentation is accurate, balanced, and conforms to all applicable regulatory requirements. The above information is for illustrative purposes only and is not intended to provide investment recommendations as to which securities to buy or sell, or when to buy or sell securities. Each Sample Portfolio is a hypothetical portfolio only and does not reflect actual investment decisions or recommendations and does not represent actual trading or actual portfolio performance. An actual client's portfolio construction and performance may vary depending on the client's investment needs, objectives, restrictions, and market conditions. Asset allocation ranges and performance for each investment objective may also vary depending on the prevailing market conditions. Past performance is no indication of future results. For institutional investor use only. Data as of March 2021.

\*Expected Returns are based on 30-year returns for various asset classes. Please see disclosure page for additional details on Expected Return and Expected Standard Deviation.

\*\*Expected Asset Class returns may be derived from different indexes than requested to be used in the sample portfolio. The rate provided is a geometric rate of return for that specific asset class only.

Source: Factset



# Disclosures

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Each strategy represented as a Sample Portfolio is a hypothetical portfolio only and does not reflect actual investment decisions or recommendations. It is solely for illustrative purposes and is subject to change at any time. It is not intended to represent a specific investment. It does not reflect the liquidity constraints of actual investing or the impact that material economic and market factors may have on an investment adviser's decision-making. Investors cannot invest in the Sample Portfolio and actual investment results may differ materially. An account could incur losses as well as gains. The Sample Portfolio does not reflect the deduction of advisory fees, brokerage, commissions, or any other actual client expenses, which would reduce investor returns. The sample portfolio does not always reflect the potential impact of active management, excluding those investments that are only available from an active manager. Advisory fees are described in Form ADV, Part 2A and are available upon request.

A Sample Portfolio's expected return (comprised of capital appreciation and income/dividends) is calculated the following way:

1. The expected return of each asset class in a given Sample Portfolio is determined through a combination of historical rates of returns, valuation projections, and economic expectations. Expected rates of return are provided by HighMark proprietary research which incorporates Wilshire Associates Incorporated assumptions. Expected rates of return are developed and annually reviewed by HighMark's Asset Allocation Committee.
2. With 30-year forecasts for U.S. Treasuries, Wilshire's ten year forecast for U.S. Treasuries is used as the assumed return for the first ten years of the 30-year period. Over the following twenty years (years 11-30), Wilshire's ULT forecast is used as the assumed return for U.S Treasuries. The resulting combination of the assumed return on U.S. Government bonds over the two periods becomes HighMark's 30-year forecast subject to rounding. All other taxable fixed income asset classes are derived from the expected return on U.S. Treasuries plus a credit or term premium consistent with those of the ten year forecasts.
3. With 30-year forecasts for global equity, Wilshire's ten year forecast for global equity is used as the assumed return for the first ten years of the 30-year period. Over the following twenty years (years 11-30), Wilshire's ULT forecast is used as the assumed return for global equities. The return on cash over this period is derived from the 10 and 30-year cash assumptions. The resulting combination of the assumed global equity returns over the two periods becomes HighMark's 30-year forecast subject to rounding.
4. Returns reflect the reinvestment of dividends, interests, and other distributions.
5. An expected return for the Sample Portfolio is then calculated by weighting the returns for each asset class according to the exposure as determined by HighMark's current strategic allocation.

Expected returns generated are before taxes and any fees. The standard deviation for an asset class represents its possible divergence of the actual return for an asset class from its expected return. It is a statistical measure of the potential magnitude of volatility of an asset class from its expected return. The range of returns may be higher or lower than those predicted by expected standard deviation.

In certain sub asset classes where Wilshire does not provide a discrete 10-year return forecast, HighMark supplements Wilshire's 10-year expected returns with its proprietary methodology which is based on various market and economic factors some of which are described below. To obtain a full copy of the methodology please contact [hcasalesupport@unionbank.com](mailto:hcasalesupport@unionbank.com).

- US Equities – Expected returns at sub asset class level are determined by starting with Wilshire Broad Market 10 year forecast and interpolating into sub asset class returns by referencing Wilshire 5000 index data.
- Municipal Bonds – HighMark determines expected returns by assuming there will be historical return discounts for municipal bonds relative to U.S. Treasuries.
- Alternative Investments - Expected total return forecasts for alternative investments begin with the forecast for the return on cash over the respective time-horizon and adjusting for estimating the Sharpe ratio (excess return / standard deviation) of each alternative strategy based on the observed long-term performance of a representative strategy specific hedge fund peer group index.

HighMark Capital Management, Inc. (HighMark), an SEC-registered investment adviser, is a wholly owned subsidiary of MUFG Union Bank, N.A. (MUB). HighMark manages institutional separate account portfolios for a wide variety of for-profit and nonprofit organizations, public agencies, and public and private retirement plans. MUB, a subsidiary of MUFG Americas Holdings Corporation, provides certain services to HighMark and is compensated for these services. Past performance does not guarantee future results. Individual account management and construction will vary depending on each client's investment needs and objectives. **Investments employing HighMark strategies are NOT insured by the FDIC or by any other Federal Government Agency, are NOT Bank deposits, are NOT guaranteed by the Bank or any Bank affiliate, and MAY lose value, including possible loss of principal.**



# Moraga-Orinda Fire District

Office of the Fire Marshal

## Fire Prevention Report July 2021

### Number/Types of Complaints:

- Dead tree – **91**
- Exterior Hazard – **181**
- Property Transfer Inspections – **538**
  - Property Transfer Initial Pass-**286**
  - Property Transfer Initial Fail-**252**

### Exterior Hazard Inspections 2021:

- Number of Assessments – **1939**
- Initial Pass – **582** / Initial Failed – **1357**
- Number of pre-citations – **23**
- Number of Notice to abate – **287**
- Number of abatement hearings – **3**
- Number of citations – **3**

### Number of Failed Properties Moved to Weed Abatement Hearings 2020: **21**

- Number of properties ordered to abate– **21**
- Number of properties abated– **7** / Total Cost District Funded Work: **\$36,960**
- Number of properties moved to Lien Assessment Hearing – **6**
- Total Amount Liens placed: **\$31,490**

### Number of Failed Properties Moved to Weed Abatement Hearings 2021: **3**

- Number of properties ordered to abate – **3**
- Number of properties abated – **0**
- Number of properties abated – **0** / Total Cost District Funded Work: **\$**
- Number of properties moved to Lien Assessment Hearing – **0**
- Total Amount Liens placed: **\$**

### Chipping:

- YTD– **67** Days, **309** Tons
- Number of days– **20**
  - Total estimated material removed– **152**

### State Mandated Inspections:

- E Occupancy– **3**
- R-2 Occupancy– **17**
- B Occupancy– **0**

### PLAN REVIEW:

**2020-** 296

**2021-**

**January**– 55  
**February**– 20  
**March**– 40

**April**– 44  
**May**– 22  
**June**– 44

**July**- 20  
**August**-  
**September**-

**October**-  
**November**-  
**December**-

### CURRENT PROJECTS

- Inspections & follow up
- Working on AB 2911 Compliance for CAL FIRE

### PLAN FOR THIS QUARTER:

- Inspection
- Citations
- Abatement hearings
- FAC-A Update meeting

**From:** [Nick](#)  
**To:** [Info](#)  
**Subject:** Impaired EBMUD fire hydrant on Tappan Terrace, Orinda.  
**Date:** Wednesday, August 11, 2021 4:35:16 PM

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Chief David Winnacker, MOFD  
and  
Board of Directors, MOFD

Aug 11, 2021

I write about two matters:

Firstly:

Tappan Terrace in Orinda, where for the past 30 years my family resides, is served by one EBMUD fire hydrant.

The hydrant has a red painted top and red caps; I am familiar with Willis Lamm's excellent commentary on fire hydrants.

Sixteen months ago, EBMUD's 8" steel watermain serving the six homes on Tappan Terrace and its sole fire hydrant, broke, causing a large flow of water, damaging the Tappan Terrace roadway and several adjoining properties.

The watermain break severed the water source to the six homes and fire hydrant.

Instead of repairing their 8" steel watermain, EBMUD elected to setup a 2" blue rubber hose to provide water to the fire hydrant and to the six homes on Tappan Terrace.

Although a 10' wide easement exists for this purpose, EBMUD instead elected that the 2" rubber hose lay on the surface of the ground, passing thru neighbor's yards, hooked around trees and rocks, across curbs and driveways, to a connection point at the Tappan Terrace fire hydrant. Vehicles drive over the unprotected hose regularly.

With it's small cross section, the 2" rubber hose has the flow capacity of almost exactly 5% of the 8" steel watermain it purports to replace.

Orinda is defined as an Urban Wildland Interface, and fire season has officially arrived. As evidence thereof, my traditional fire insurance carrier has non-renewed my policy, and those of many other Lamorinda homeowners.

I believe that these facts, coupled with the low pressure historically available at the fire hydrant, approximately 15 PSI, renders the fire hydrant a Dangerous Condition of Public Property.

Since April, I have spoken directly with EBMUD's general manager Clifford Chan, his brother Carlton Chan, and Mike Ambrose about this.

Initially EBMUD attempted to smooth over my concerns by pointing out that the 2" rubber hose provided the "same water pressure" as the 8" steel watermain, and that therefore I should

not worry. I pointed out that same pressure, if through a smaller and longer pipe, does not provide the same flow, and both Carlton Chan and Mike Ambrose confirmed their agreement with this. Any firefighter is so aware, as well.

EBMUD's Carlton Chan stated to me, in late April, that EBMUD would address the Dangerous Condition by setting up a replacement 8" pipe, and would have their contractors (and naming Teichert Construction as the most likely) promptly engaged for this purpose.

But in July, EBMUD's Mike Ambrose proposed to me that EBMUD would setup a 4" rubber hose instead. I told him that a 4" hose would have only about 25% of the flow capacity of the 8" steel pipe, and would still have the same vulnerabilities as the 2" rubber hose, such as physical damage by vehicles, fire, vandalism, and the like.

Upon reviewing the most recent MOFD board meeting minutes, I believe that EBMUD's Mike Ambrose's representations about the state of EBMUD fire hydrants within the District, are inconsistent with these facts.

I have reached out to my elected representative EBMUD Director Ms Young about this, too, to no avail; indeed at the most recent board meeting, on Aug 10, she spoke disparagingly, with offensive language, about my concerns.

I have appeared via Zoom at the two most recent EBMUD Directors meetings, to express my concerns. I've asked for my concerns to be an agenda item, so I might present additional information to them, but EBMUD has not indicated they would do so.

I believe that the present condition of the fire hydrant puts at increased risk not only the home and families on Tappan Terrace, but other homes and families such as those on Icabod Lane and Tappan Lane, at increased danger, and impairs MOFD's abilities to respond effectively, and therefore constitutes a Dangerous Condition of Public Property.

I have put EBMUD on notice of this risk, and the dangers it imposes upon the community.

I am asking for MOFD's assistance in causing EBMUD to immediately remedy this Dangerous Condition of Public Property by restoring the historic water flow capability to the Tappan Terrace fire hydrant.

Secondly:

EBMUD has advised me that they have communicated with MOFD about this matter. I am therefore requesting copies of all communications between EBMUD and MOFD which in any way refer or relate to the Tappan Terrace fire hydrant, since Jan 1, 2020, a period of about a year and a half. I can make this a more formal CPRA request if you deem it necessary.

I'd appreciate hearing from you directly about this matter.

Thank you,

Nick Lawrence

[REDACTED]

Orinda 94563