



Moraga-Orinda Fire District

Board of Directors

REGULAR MEETING

August 15, 2018

6:00 p.m. CLOSED SESSION

7:00 p.m. OPEN SESSION

PLEASE NOTE NEW MEETING ADDRESS:

Sarge Littlehale Room

22 Orinda Way

Orinda, CA 94563

NOTICE OF TELECONFERENCE MEETING

Pursuant to Government Code Section 54953, Subdivision (b), this meeting will include teleconference participation by **Board Member John Jex** from:

Stratford Court Hotel

18 South Main Street

Cedar City, Utah

Room number will be posted in the hotel lobby

This Notice and Agenda will be posted at the teleconference location. Public comment on the agenda from this address shall be allowed pursuant to Government Code Section 54954.3.

1. OPENING CEREMONIES

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

2. PUBLIC COMMENT

The public is invited to speak on any Closed Session item below. Comments should be limited to three minutes. Please state your name and address for the record.

3. CLOSED SESSION

3.1. **Conference with Labor Negotiator**

(Government Code Section 54957.6)

Agency Designated Representative: Jeff Sloan

Employee Organization: Local 1230, International Association of Firefighters IAFF

3.2. **Conference with Labor Negotiator**

(Government Code Section 54957.6)

Agency Designated Representative: Jeff Sloan

Employee Organization: Local 2700 United Clerical, Technical & Specialized Employees

3.3. **Conference with Labor Negotiator**

(Government Code Section 54957.6)

Agency Designated Representative: Jeff Sloan

Employee Organization: Moraga-Orinda Fire Chief Officers Association (MOFCOA)

4. RECONVENE THE MEETING

- 4.1. Call the Meeting to Order
- 4.2. Pledge of Allegiance

5. REPORT OF CLOSED SESSION ACTION

6. PUBLIC COMMENT

The public is invited to speak on any matter not appearing on the agenda, and within the subject matter jurisdiction of the District. Comments should be limited to three minutes. Please state your name and address for the record.

7. CONSENT AGENDA

- 7.1. **Meeting Minutes – July 18, 2018**
Staff Recommendation: Approve and File
- 7.2. **Monthly Incident Report for July 2018**
Staff Recommendation: Approve and File
- 7.3. **Monthly Check/Voucher Register**
Staff Recommendation: Approve and File

8. REGULAR AGENDA

- 8.1. **Resolution 18-15 – A Resolution of the Moraga-Orinda Fire Protection District of Contra Costa County, Amending the District Conflict of Interest Code**
Staff will present information to the Board regarding the Resolution 18-15 – A Resolution of the Moraga-Orinda Fire Protection District of Contra Costa County, Amending the District Conflict of Interest Code.
Staff Recommendation: 1) Discuss; 2) Deliberate; 3) Adopt Resolution 18-15 – A Resolution of the Moraga-Orinda Fire Protection District of Contra Costa County, Amending the District Conflict of Interest Code
- 8.2. **Emergency Outdoor Warning System**
Staff will present information to the Board regarding an Emergency Outdoor Warning System.
Staff Recommendation: 1) No Action Required. For Information Only.

9. COMMITTEE REPORTS

- 9.1. **Finance Committee (Directors Anderson and Jorgens)**
- 9.2. **Pension Review Ad Hoc Committee (Directors Barber and Jorgens)**
- 9.3. **Board of Directors and Fire Chief Roles & Responsibilities and Rules of Procedures Update Ad Hoc Committee (Directors Famulener and Jorgens)**
- 9.4. **Audit Ad Hoc Committee (Director Jex)**
- 9.5. **Long Range Financial Plan Ad Hoc Committee (Directors Barber and Jex)**
- 9.6. **Labor Negotiations Ad Hoc Committee (Directors Anderson 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 – July 2018**
- 10.4. **Communications Received**
- 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) 258-4599, 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 10, 2018, 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.



Grace Santos, District Clerk

Moraga-Orinda Fire Protection District

BOARD OF DIRECTORS REGULAR BOARD MEETING MINUTES

July 18, 2018



1. Opening Ceremonies

The Board of Directors convened in Open Session at 6:00 P.M. on July 18, 2018 at the Sarge Littlehale Community Room, 22 Orinda Way, Orinda, California. President Barber called the meeting to order. Present were the following Directors and Staff:

Director Anderson	Director Jex	Gloriann Sasser, Admin Services Director
Director Barber	Director Jorgens	Randy Riddle, District Counsel
Director Famulener	Dave Winnacker, Fire Chief	

2. Public Comment

There was no comment from the public.

3. Closed Session

At 6:00 P.M., the Board adjourned into Closed Session.

4. Reconvene the Meeting

President Barber reconvened the regular business meeting of the Moraga-Orinda Fire District Board of Directors at 7:00 p.m. Present were the following Directors and Staff:

Director Anderson	Director Jex	Randy Riddle, District Counsel
Director Barber	Director Jorgens	Gloriann Sasser, Admin Services Director
Director Famulener	Dave Winnacker, Fire Chief	Grace Santos, District Clerk

5. Report of Closed Session Action

There was no reportable action taken during closed session.

6. Public Comment

Jonathan Goodwin, Canyon resident, commented that he could not find a posted policy or procedure informing the public of how to request to add an item to the Board agenda. He sent an email to the Board President, and emailed and mailed a hard copy to Chief Winnacker, but did not get a reply. Mr. Goodwin felt that there should be a clear policy and hoped that the Board would direct the Fire Chief to develop one.

Mr. Goodwin also commented on the lack of an appeal process on decisions that the Fire Marshal makes regarding a property. He asked if there were a formal appeal process if the Board decided not to take action on Item 8.4 and asked for clarification.

President Barber stated that he would ask the Chief to make a recommendation to clarify the policy.

7. Consent Agenda

Motion by Director Famulener and seconded by Director Jorgens to approve and file all items on the Consent Agenda – 7.1 Meeting Minutes, 7.2 Monthly Incident Report, 7.3 Monthly Check/Voucher Register, and 7.4 Preliminary Monthly Financial Report. Said motion carried a 5-0 roll-call vote (Ayes: Anderson, Barber, Famulener, Jex and Jorgens).

8. Regular Agenda

8.1 PARS OPEB Pre-Funding and Pension Rate Stabilization Trust Program Annual Client Review

The District pre-funds retiree healthcare benefits using an irrevocable trust. The District also sets aside money in a pension rate stabilization trust. The District participates in the Public Agency Retirement Services (PARS) Public Agencies Post-Employment Benefits Trust. PARS provides an annual client review of the trust program.

ASD Sasser introduced Andrew Brown, HighMark Senior Portfolio Manager, and Nik Weigand, PARS Client Services Coordinator.

Mr. Weigand and Mr. Brown gave a presentation on the OPEB Prefunding Trust Program & Pension Rate Stabilization Program.

Director Jorgens inquired on the definition of a pooled account. Mr. Brown explained that a co-mingled pooled account refers to an investment account where multiple agencies can, and do, participate adding contributions or taking out distributions. He explained that if there was a run on the account, he would have to sell assets to make liquidity available for distribution. They do not typically see large distributions.

Director Jorgens commented that the district could be at a disadvantage if all other agencies withdrew their money all at once and the district did not do so as quickly. He asked why MOFD had to be in a pooled account and not have its own account with its own investments.

Mr. Brown stated that US Bank, the trustee, strongly suggests that clients with less than \$5M in assets be placed in a pool for efficiency. If there were a strong mandate from the District to place the investments in its own account, they would probably make accommodations and would be more than happy to take the request to US Bank.

Director Jorgens asked why HighMark Capital has more than the minimum invested in bonds and asked why they would invest in something that has an expected value of zero.

Director Jex echoed Director Jorgens' concern and asked if it was possible for the district to indicate that it prefers not to be in bonds for the next 24 months.

Mr. Brown stated that this is a discretionary objective. The Board gives the investment manager discretion within a certain asset allocation range and it is their job to deploy it. However, it could not be changed within the co-mingled pool because there are three other agencies in the pool and there is no way they could effect a policy change for MOFD and not impact the other members. The biggest driver of what happens to the 65-85% of the portfolio, which is in equities. Whether they hit 6.25%, 6.5% or see a big negative number, it is the equities that drives it.

Director Jorgens stated that he does not agree with Mr. Brown.

President Barber thanked Mr. Brown and Mr. Weigand for their presentation.

8.2 Approval of One Month Extension of District's Payment of Enhanced Medical Insurance Contribution Rates

The District is currently in negotiations in pursuit of successor Memoranda of Understanding with International Association of Firefighters Local 1230 (IAFF), AFSCME Local 2700, and the Moraga-Orinda Fire Chief Officers Association (MOFCOA). In 2016, the District entered into side letters of agreement with each of the three employee organizations to provide enhanced medical insurance contributions. The side letters provided that on June 30, 2018, the enhanced medical insurance contributions "shall revert" to the previous lower contribution levels.

On June 20, 2018, the board approved a one-month extension of the enhanced medical insurance contributions through July 31, 2018. In light of the status of negotiations with IAFF Local 1230, an extension of the enhanced medical insurance contributions for one additional month, through August 31, 2018 is appropriate. The terms of the side letter between the parties remain in full force and effect. This extension shall also be applicable to the bargaining units represented by AFSCME Local 2700 and MOFCOA.

The approximate additional cost is \$25,000 and sufficient appropriations are available in the 2018/2019 Annual Operating Budget.

Motion by Director Famulener and seconded by Director Jorgens to approve a two-month extension of the District's payment of the Enhanced Medical Insurance Contribution Rates ending on September 30, 2018. Said motion carried a 5-0 roll-call vote (Ayes: Anderson, Barber, Famulener, Jex and Jorgens; Noes: None).

8.3 Resolution 18-14 Classifying the Various Components of Fund Balance as Defined in Governmental Accounting Standards Board Statement No. 54 and Adopting a Revised Fund Balance Policy

The District has a Fund Balance Policy (Policy) that requires annual review by the Board. Staff has reviewed the Policy and recommends no changes.

Motion by Director Jex and seconded by Director Famulener to adopt Resolution 18-14 Classifying the Various Components of Fund Balance as Defined in Governmental Accounting Standards Board Statement No. 54 and Adopting a Fund Balance Policy. Said motion carried a 5-0 roll-call vote (Ayes: Anderson, Barber, Famulener, Jex and Jorgens; Noes: None).

8.4 Proposed Indian Valley Subdivision

Indian Valley is located off Canyon Road within the Town of Moraga. The historical context of land use decisions for Indian Valley parcel by the Town of Moraga and Contra Costa County needs to be corrected to show that The Moraga Open Space Ordinance (MOSO) initiative was approved by the voters in 1986.

In 2008, measure "J" which would increase the MOSO area by a total of 515 acres by amending the Town's General Plan by re-designating Bollinger Valley from a "study area" to "Residential 2 DUA" (dwelling units per acre) and the measure also included a developer agreement for residential development in Indian Valley. The measure failed by 86% by the voters.

Indian Valley appears to have been approved for residential development for quite some time. The Town of Moraga Planning Map from 1979 shows Indian Valley as approved for Residential 2DUA.

The proposed project is 71 single-family homes on 50 acres. The entire parcel totals 141 acres.

The MOFD fire marshal (fire code official) was asked to provide comments on the conceptual design to the Town of Moraga in February 2018. Attachment A was submitted to the Town of Moraga providing comments.

Chief Winnacker gave a brief PowerPoint presentation (Attachment A) and explained that the 2016 California Fire Code adopted the 2015 International Fire Code (IFC). MOFD Ordinance 16-02, adopted in January 2017, adopted the 2016 CFC, including appendix A-C-D and by reference the 2015 IFC. MOFD Ordinance 16-02 adopted changes, deletions and modifications to the CFC.

Chief Winnacker reviewed the following codes:

CFC Section 104 General Authority and Responsibilities [A] 104.1 General

The fire code official is hereby authorized to enforce the provisions of this code and shall have the authority to render interpretations of this code, and to adopt policies, procedures, rules and regulations in order to clarify the application of its provisions. Such interpretations, policies, procedures, rules and regulations shall be in compliance with the intent and purpose of this code and shall not have the effect of waiving requirements specifically provided for in this code.

CFC Section 104 General Authority and Responsibilities [A] 104.8 Modifications

Where there are practical difficulties involved in carrying out the provisions of this code, the fire code official shall have the authority to grant modifications for individual cases, provided the fire code official shall first find that special individual reason makes the strict letter of this code impractical and the modification is in compliance with the intent and purpose of this code and that such modification does not lessen health, life and fire safety requirements. The details of action granting modifications shall be recorded and entered in the files of the department of fire prevention.

MOFD Ordinance #16-02, Section 503.1.2.1 Required additional access roads for residential developments

The minimum number of access roads serving residential development(s) shall be based upon the number of dwelling units served as follows:

- 1-25 units, one public or private access road
- 26-150 units, one public or private access road and one emergency access road
- 151+ units, a minimum of two public or private access roads

CFC D107.1. One- or Two –Family Residential Developments

Developments of one or two family dwellings where the number of dwelling units exceeds 30 shall be provided with two separate and approved fire apparatus access roads.

Exceptions:

- Where there are more than 30 dwelling units on a single public or private fire apparatus road and all dwelling units are equipped throughout with an approved automatic sprinkler system in accordance with Section 903.3.1.1, 903.3.1.2 or 903.3.3.1.3 of the California Fire Code, access from two directions shall not be required.

CFC D107.2. Remoteness

Where two fire apparatus access roads are required, they shall be placed a distance apart equal to not less than one-half of the length of the property or area to be served, measured in a straight line between accesses.

Definition of Emergency Vehicle Access Road. MOFD Ordinance #16-02, Chapter 2 Definitions Section 202

Shall mean an approved access meeting the requirements for fire apparatus use and shall be restricted for the use of emergency vehicles.

Chief Winnacker noted that the California Fire Code does not include an EVA definition or reference. He stated that the Fire Marshal is the code interpreting official and is empowered to make decisions and interpretations on the code as long as it is done without compromising safety and meets the intent of the code.

Chief Winnacker noted that MOFD Ordinance #16-02, Section 503.1.2.1, and CFC D107.1. conflict with regard to the number of access roads required for residential developments. The CFC provides for resolution in the event of conflict between sections of the code as being at the fire code official's discretion.

Chief Winnacker noted that if the development is approved by the Town of Moraga, the plans will come back to the Fire District for additional review and mitigating measures to prevent the spread of wildfire and reduce the impact of MOFD resources may be required as a condition of approval.

Director Anderson commented on the steep and treacherous conditions of the road.

Director Jorgens asked who sets and enforces the rules. Chief Winnacker stated that the State offers a model that the can be adopted and the District sets and enforces the rules.

Jonathan Goodwin, Canyon resident, stated that the Board of Directors adopted the District fire code and they are responsible for the fact that they conflict. He stated that if there were two options, the District should choose greater protection of the public, not less. He feels that the EVA roads should be .6 miles apart. The code is very clear guidance for the Board and hopes that they take it seriously. Mr. Goodwin stated that the District should not waive the requirement, making it less safe.

Erik Olafsson, Canyon resident, stated that firefighter safety should also be considered. The developers could provide a second EVA road on the far side. Mr. Olafsson stated that the modifications should not change the safety and suggested reducing the size to 26 structures.

Chris Lavin, Canyon resident, commented on the difficult access into and out of Canyon. The backup can take up to 20 minutes at times, and is already a hazardous situation. Ms. Lavin asked for a clear explanation as to why there is an exemption for the EVA road.

Kaya Westling, Canyon resident, commented on the already unsafe conditions of Canyon Road. Mr. Westling stated that he is worried that the blind access for the proposed EVA road would make it even more dangerous, even with a turnout lane. Not having an EVA road towards the east or north would put fire apparatus or anyone trying to escape in harm's way.

Suzanne Jones, Moraga resident, commented on a report that she read from a study released by the National Academy of Sciences that looked at the increasing incidents of wildfires nationwide. It found that a vast majority of wildfires are started by human activity. The presence of people in a wildfire prone area increases the chances of fire starting in that area. Building a new community of homes in

an isolated location surrounded by wildlands of very high fire risk will increase the likelihood of a fire occurring in the valley. She asked that the District's assessment of the development look at potential increases in fire danger that would be associated with bringing development to this area.

Wendy Avelino-Merchant, Canyon resident, stated that an access road that goes to the top of the hill should be put in so that trucks can get to the top of Canyon. She commented on the dead brush and oak trees that are already dry and brittle, and stated that bringing in more houses and more fire risk would put the current residents at a greater risk and fire hydrants will not help.

Amelia Wilson, Moraga resident, commented that the Lost Valley neighborhood has a separate EVA road on the north end that goes to the new Wilder development. She urged the District not to have both egress entrances so close together. She hopes that the Board and the District understands how important it is to have EVA roads going far apart and in two directions.

Chief Winnacker discouraged citizens from using EVA roads. By definition, there are no EVAs within the district that are designed for the public's use. EVAs are designed for firefighter access, using large, high-clearance 4-wheel drive vehicles with specially trained operators.

8.5 California Fire Foundation Grant Acceptance

MOFD applied for a \$15,000 California Foundation grant to develop a network of remote sensors to provide early warning in the event of a wildfire. MOFD was notified on July 10, 2018 that the project was funded for the full requested amount. Per MOFD policy A2.05.01 acceptance of a grant requires board approval.

Through the highly skilled volunteers of the MOFD Communications Support Unit and the Lamorinda Area Radio Interest Group (LARIG) Technical Advisory Committee, the development and validation of a sensor network will be conducted in-house. This is a critical component as a commercial option is currently not available. Meetings with subject matter experts and district residents from the University of California are ongoing and a Beta version of the system could be fielded on a limited scale this year.

Accepting grant funds requires a modification to the budget. In this case, acceptance will result in \$15,000 being added to the Emergency Preparedness Program and a corresponding increase in Other Revenue Act 4972.

Motion by Director Famulener and seconded by Director Jorgens to accept grant and authorize General Fund budget adjustment revenue and expenditure increase of \$15,000. Said motion carried a 5-0 roll-call vote (Ayes: Anderson, Barber, Famulener, Jex and Jorgens; Noes: None).

9. Committee Reports

9.1 Finance Committee (Directors Anderson and Jorgens)

The Committee did not meet and there was nothing to report.

9.2 Pension Review Ad Hoc Committee (Directors Barber and Jorgens)

The Committee did not meet and there was nothing to report.

9.3 Board of Directors and Fire Chief Roles & Responsibilities and Rules of Procedures Update Ad Hoc Committee (Directors Famulener and Jorgens)

The Committee did not meet and there was nothing to report.

9.4 Audit Ad Hoc Committee (Director Jex)

Director Jex reported that the Committee met with ASD Sasser, Chief Winnacker and the Auditor on July 17, 2018, and they signed an engagement letter to approve a 3-year contract. They discussed items such as the scope and plan of the audit, timing of the audit, and issues they wanted to focus on. They also discussed Fire Station 43 costs incurred in Fiscal 2017, and OPEB liability and funding in the actuarial report.

9.5 Long Range Financial Plan Ad Hoc Committee (Directors Barber and Jex)

The Committee did not meet and there was nothing to report.

9.6 Labor Negotiations Ad Hoc Committee (Directors Anderson and Jorgens)

The entire Board met. There was nothing to report.

10. Announcements

10.1 Brief information only reports related to meetings attended by a Director at District expense
Director Famulener and Anderson attended the Contra Costa County Fire Commissioners meeting on June 21, 2018.

10.2 Questions and informational comments from Board members and Staff
There was nothing to report.

10.3 Fire Chief Updates

Chief Winnacker gave a brief report on the Station 43 construction project and stated that there was only one change order to date for \$1166.87 on April 27, 2018.

Chief Winnacker reported that the District's turnout time has maintained and sustained a 4-month drop.

Chief Winnacker gave a PowerPoint presentation on the Buckingham Fire. He noted that the fire was stopped without the loss of adjacent homes due to aggressive fire attack over challenging terrain carried out by MOFD and automatic aid firefighting resources from ConFire, East Bay Regional Parks, CALFIRE, and San Ramon Valley Fire District. Additional regional resources were used to provide station coverage while MOFD resources were committed to the incident. He commented on the evacuation process and stated that a number of Buckingham residents were not signed up for Nixle and did not get evacuation updates. He encouraged everyone to sign up for Nixle and suggested that each neighborhood develop an internal notification plan to help increase awareness of evacuation requirements and notifications. Excellent support was received from MOFD's law enforcement partners at Moraga PD and MOFD Communications Support Team members.

10.4 Communications Received

Chief Winnacker reported on correspondence received from Mr. Steve Bond thanking the Fire District Aides for making sure residents complete their abatement in a timely manner. He also received correspondence from Hailey and Jake Kirby, residents of the Buckingham neighborhood, thanking the District for putting out the Buckingham fire.

Chief Winnacker reported that he received numerous correspondence relevant to the Indian Valley project and asked the Board if they would like copies of all correspondence received going forward. President Barber instructed Chief Winnacker to use his best judgement regarding when to share relevant correspondence with the Board.

10.5 Future Agenda Items

President Barber reported that he received an inquiry from Mr. Goodwin regarding how a member of the public can get an item placed on the Board agenda.

Director Anderson stated that the process is in place and if a member of the public wants to get an item placed on the agenda, they are to contact their local MOFD Board representative.

Director Jorgens stated that the public does not have the ability to place an item on the agenda, but can speak to their local representative. Their representative can then discuss it during the Future Agenda Items section of the agenda with the entire Board.

11. Adjournment

At 9:20 P.M., President Barber called for adjournment of the regular meeting.



Grace Santos, District Secretary/Clerk



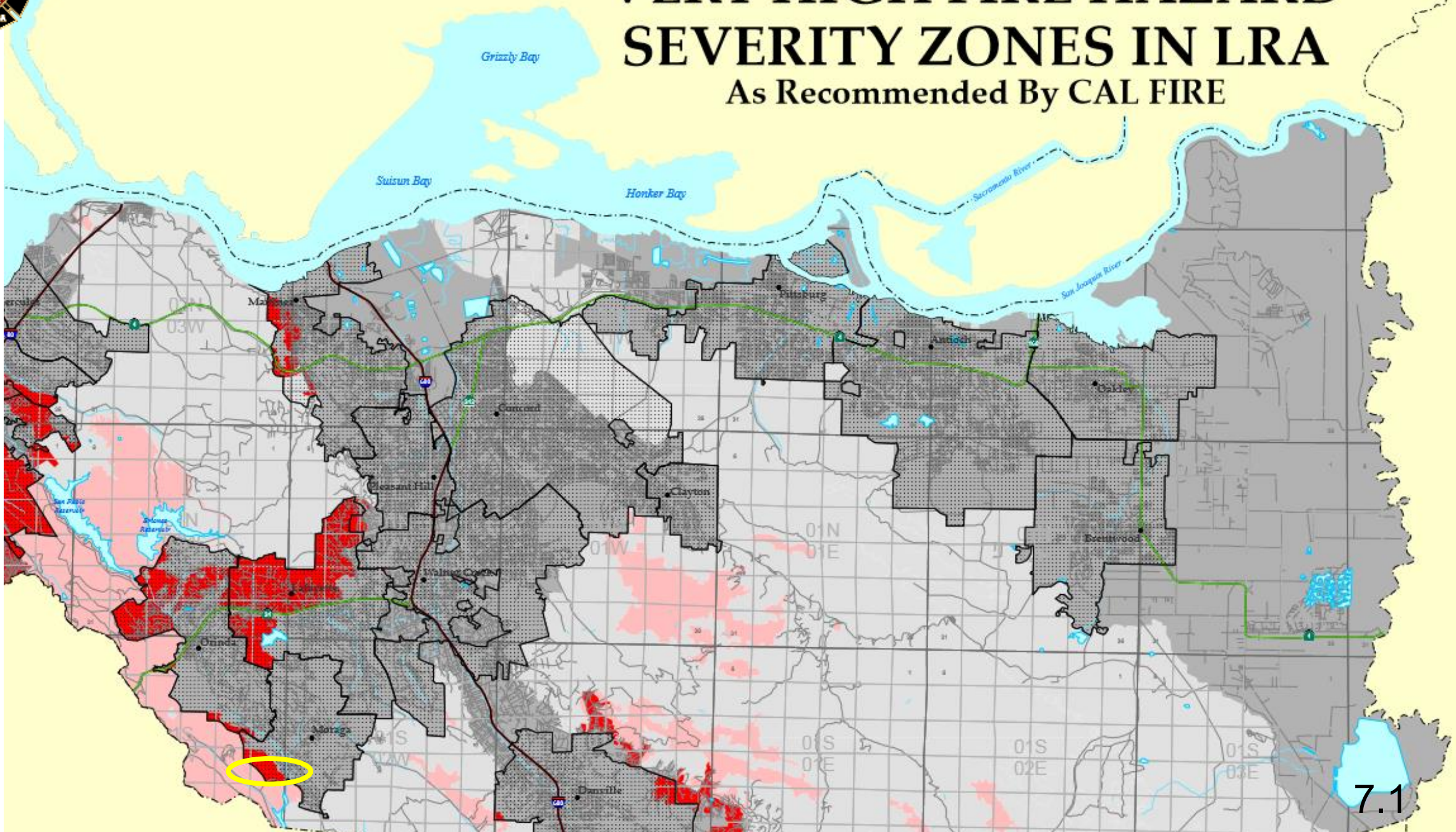
Indian Valley EVA

July 18, 2018



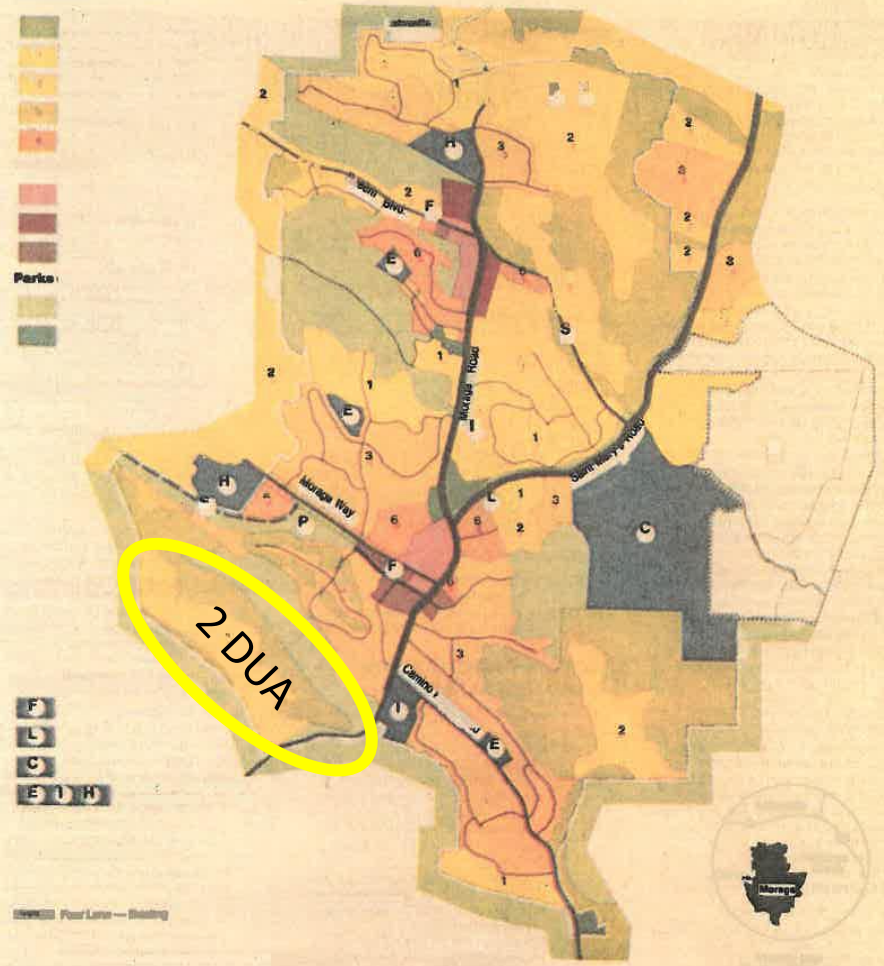
VERY HIGH FIRE HAZARD SEVERITY ZONES IN LRA

As Recommended By CAL FIRE





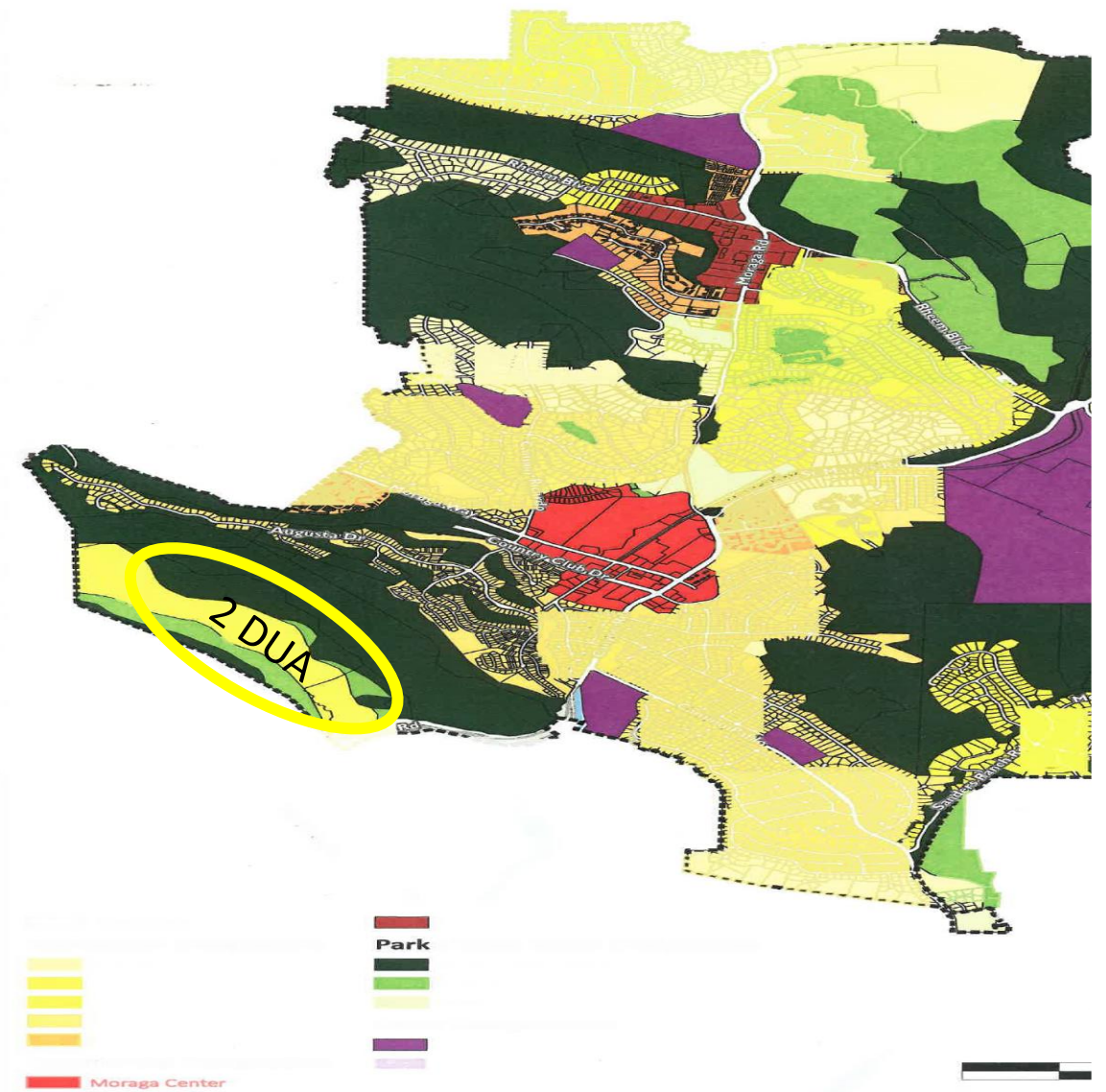
1979 General Plan



Town of Moraga

General Plan

2018 General Plan

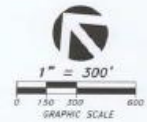




Indian Valley Conceptual Development Plan

TOWN OF MORAGA, CALIFORNIA

DECEMBER 12, 2016



PA Design Resources, Inc.
Planning ■ Engineering ■ Surveying
3021 Citrus Circle, Suite 150
Walnut Creek, California 94598-2635 TEL (925) 210-9300



Indian Valley Conceptual Development Plan

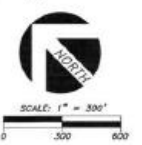
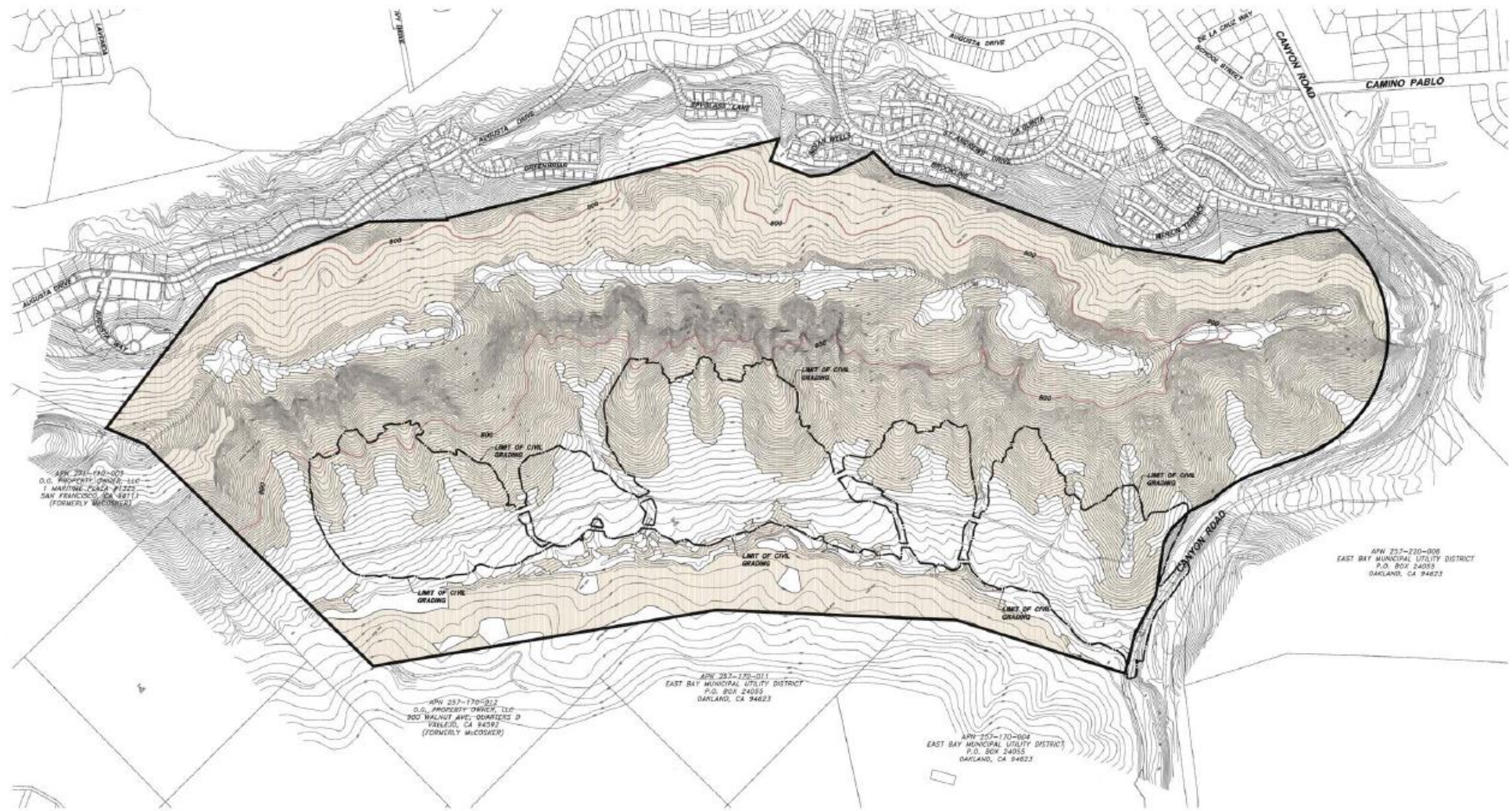
- The Indian Valley Project is a proposed 71-lot clustered housing development with associated open space, located on the north side of Canyon Road in Moraga. A Conceptual Development Plan (CDP) application has been submitted to the Town of Moraga Planning Department, illustrating seventy-one (71) traditional single-family homes clustered within a semi-rural setting, along with approximately 1.5 miles of trails and utility, water quality, storm drainage and landscape improvements.
- The Indian Valley project would involve the development of the residential lots, roads and utility systems within a 140.9-acre site, representing 31% of the total 452.6 contiguous acres owned by the Bruzzone Family within the Indian Valley area. All 71 clustered private lots, roadways, and utilities would be accommodated within 50.2 acres, or 36% of the overall project site. The Project also calls for limited improvements within an additional 2.3 acres of the Canyon Road public right-of-way adjoining the project site.

*From <http://www.moraga.ca.us/dept/planning/Major%20Projects/indian-valley>



Indian Valley Conceptual Development Plan

- The proposed residential lots range in gross area from just over 10,000 square feet to almost 4.7 acres, with an average size of 24,234 square feet. All 71 lots are organized along a central spine roadway ("Indian Creek Way") within the central lower valley portion of the project site, where the average predevelopment slope is less than 20 percent. The residential lots, site grading and related improvements are clustered within the 140.9-acre project site, which is situated east of the Indian Creek riparian corridor and below (to the west of) Indian Ridge.
- It is anticipated that the common areas within the project site would be owned and managed by a homeowners association. Responsibility for slope maintenance immediately beyond the private lots would be assigned to a geological hazard abatement district (GHAD). Impacts to habitat resources within the project site would be mitigated in accordance with state and federal resource agency standards. Compensatory habitat mitigation, including protection through recordation of an easement, may be provided on land owned by the Bruzzone Family directly adjoining the project site or an alternative offsite location.



LEGEND

INDICATES 20% AVERAGE SLOPE OR GREATER

INDICATES 800 ELEVATION CONTOUR

AVERAGE EXISTING PREDEVELOPED (GRADED AREA) SLOPE CALCULATION

CONTOUR INTERVAL: 5 FOOT
 CONTOUR LENGTH: 179,773 LF
 AREA WITHIN LIMIT OF GRADING: 106.71 AC

0.002266 (S) (179,773) = 19.34% < 20%
 106.7

PA Design Resources, Inc.
 Planning ■ Engineering ■ Surveying

3021 Citrus Circle, Suite 150
 Walnut Creek, California 94598-2635 TEL (926) 210-9300

CDP
 9
 OF 22



DECEMBER 12, 2016



170-003
OWNER, LLC
P.O. BOX 11222
CO, CA 94717
MCCOSKER

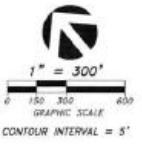
POTENTIAL TRAIL ON
EXISTING RANCH ROAD
FOR CONNECTION TO
HUCKLEBERRY BOTANIC
REGIONAL PRESERVE AND
ROBERT SIBLEY REGIONAL
VOLCANIC PRESERVE

APN 257-170-012
O.G. PROPERTY OWNER, LLC

APN 257-170-011
EAST BAY MUNICIPAL UTILITY DISTRICT

APN 257-170-004
EAST BAY MUNICIPAL UTILITY DISTRICT

APN 257-220-006
EAST BAY MUNICIPAL UTILITY DISTRICT
P.O. BOX 21055
OAKLAND, CA 94623



LEGEND

●●●● EXISTING EBIRD LAFAYETTE/ MORAGA REGIONAL TRAIL (FOR HIKING, BICYCLING AND EQUESTRIAN USE)	—●— POTENTIAL TRAIL TO EAST BAY REGIONAL PARKS
—●— PROPOSED 10' WIDE PAVED EXTENSION OF LAFAYETTE/ MORAGA REGIONAL TRAIL	—●— EXISTING EBIRD REGIONAL TRAILS (PERMIT REQUIRED- NO BIKES)
—●— PROPOSED 6' WIDE TRAIL	▲ EXISTING VALLE VISTA EBIRD TRAIL STAGING AREA
—●— PROPOSED 20' WIDE PAVED MULTI-USE EVA ACCESS TRAIL	—●— PROPOSED VEHICULAR CIRCULATION

NOTE: FOR STREET AND TRAIL SECTIONS & ELEVATIONS SEE
CDP SHEETS 19 AND 19.

PA Design Resources, Inc.
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2700 Ygnacio Valley Road, Suite 100
Walnut Creek, California 94598-3462 TEL (925) 210-9300

CDP
20
OF 22



Code Review

- **California Fire Code adopted the 2015 International Fire Code**
- **MOFD Ordinance #16-02 adopted the 2016 California Fire Code (CFC) including Appendix A-C-D and by reference 2015 International Fire Code (IFC)**
- **MOFD Ordinance #16-02 adopts changes, deletions and modifications to CFC**



Code Review

CFC SECTION 104 GENERAL AUTHORITY AND RESPONSIBILITIES

[A] 104.1 General.

The fire code official is hereby authorized to enforce the provisions of this code and shall have the authority to render interpretations of this code, and to adopt policies, procedures, rules and regulations in order to clarify the application of its provisions. Such interpretations, policies, procedures, rules and regulations shall be in compliance with the intent and purpose of this code and shall not have the effect of waiving requirements specifically provided for in this code.



Code Review

CFC SECTION 104 GENERAL AUTHORITY AND RESPONSIBILITIES

[A] 104.8 Modifications.

Where there are practical difficulties involved in carrying out the provisions of this code, the fire code official shall have the authority to grant modifications for individual cases, provided the fire code official shall first find that special individual reason makes the strict letter of this code impractical and the modification is in compliance with the intent and purpose of this code and that such modification does not lessen health, life and fire safety requirements. The details of action granting modifications shall be recorded and entered in the files of the department of fire prevention.



Code Review

- **MOFD Ordinance #16-02, Section 503.1.2.1 Required additional access roads for residential developments.**

The minimum number of access roads serving residential development(s) shall be based upon the number of dwelling units served as follows:

- 1-25 units, one public or private access road
- 26-150 units, one public or private access road and one **emergency access road**
- 151+ units, a minimum of two public or private access roads



Code Review

- **CFC D107.1. *One- or Two –Family Residential Developments.***

Developments of one or two family dwellings where the number of dwelling units exceeds 30 shall be provided with two separate and approved fire apparatus access roads.

Exceptions:

1. Where there are more than 30 dwelling units on a single public or private fire apparatus road and all dwelling units are equipped throughout with an approved automatic sprinkler system in accordance with Section 903.3.1.1, 903.3.1.2 or 903.3.3.1.3 of the California Fire Code, access from two directions shall not be required.



Code Review

- **CFC D107.2. Remoteness.**

Where two fire apparatus access roads are required, they shall be placed a distance apart equal to not less than one-half of the length of the property or area to be served, measured in a straight line between accesses.



Code Review

- **Definition of Emergency Vehicle Access Road. MOFD Ordinance #16-02, Chapter 2 Definitions Section 202**

Shall mean an approved access meeting the requirements for fire apparatus use and shall be restricted for the use of emergency vehicles.

Note The California Fire Code does not include an EVA definition or reference



170-003
TY OWNER, LLC
P.O. BOX 11222
CO, CA 94717
MCCOSKER

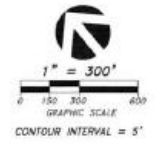
POTENTIAL TRAIL ON EXISTING RANCH ROAD FOR CONNECTION TO HUCKLEBERRY BOTANIC REGIONAL PRESERVE AND ROBERT SIBLEY REGIONAL VOLCANIC PRESERVE

APN 257-170-012
O.G. PROPERTY OWNER, LLC

APN 257-170-011
EAST BAY MUNICIPAL UTILITY DISTRICT

APN 257-170-004
EAST BAY MUNICIPAL UTILITY DISTRICT

APN 257-220-006
EAST BAY MUNICIPAL UTILITY DISTRICT
P.O. BOX 24055
OAKLAND, CA 94623



LEGEND	
	EXISTING EBIRD LAFAYETTE/MORAGA REGIONAL TRAIL (FOR HIKING, BICYCLING AND EQUESTRIAN USE)
	PROPOSED 10' WIDE PAVED EXTENSION OF LAFAYETTE/MORAGA REGIONAL TRAIL
	PROPOSED 6' WIDE TRAIL
	PROPOSED 20' WIDE PAVED MULTI-USE EVA ACCESS TRAIL
	POTENTIAL TRAIL TO EAST BAY REGIONAL PARKS
	EXISTING EBIRD REGIONAL TRAILS (PERMIT REQUIRED- NO BIKES)
	EXISTING VALLE VISTA EBIRD TRAIL STAGING AREA
	PROPOSED VEHICULAR CIRCULATION

NOTE: FOR STREET AND TRAIL SECTIONS & ELEVATIONS SEE CDP SHEETS 19 AND 19.

PA Design Resources, Inc.
 Planning ■ Engineering ■ Surveying
 2700 Ygnacio Valley Road, Suite 100
 Walnut Creek, California 94598-3462 TEL (925) 210-9300

CDP
20
OF 22



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 structure) - Vegetation Fires - Other Types Grouped (Alarms/Hazards/Pub Svc/Etc) Data Based On Completed RMS Incident Report Data entered by Company Officer - Not based on Raw CAD Data...

	<i>July, 2018</i>						<i>Totals</i>
	All Others (Alarms / Pub Service / Etc.)	EMS / Rescue	Fire in motor home, camper, recreational v..	Structure Fires	Veg Fires	Vehicle Accidents	
Incident Totals	113	159	1	2	3	15	293
Median Turnout	1.29	1.18	1.41	2.33	2.13	1.57	1.25
Median Resp Time	6.72	5.30	20.13	12.21	48.68	7.53	5.95
Resp Time (90th%)	11.05	9.37	21.30	18.25	49.87	11.98	11.85

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

		<i>July, 2018</i>			
		Incident Totals	Median Turnout	Median Resp Time	Resp Time (90th%)
Orinda	EMS / Rescue	77	1.20	4.68	8.40
	Structure Fires	1	1.57	8.83	8.83
	All Other Types	20	1.33	6.62	9.89
	Totals for City	98	1.24	5.08	8.83
Moraga	EMS / Rescue	45	1.07	3.93	6.40
	All Other Types	11	1.25	5.25	7.55
	Totals for City	56	1.15	4.28	7.03
Lafayette	EMS / Rescue	8	1.54	7.76	11.86
	All Other Types	4	1.88	7.26	7.78
	Totals for City	12	1.63	7.26	10.53
Overall Total		166	1.25	5.05	8.73

Response Totals By Incident Type

	Aug 17	Sep 17	Oct 17	Nov 17	Dec 17	Jan 18	Feb 18	Mar 18	Apr 18	May 18	Jun 18	Jul 18	Total
All Others (Alarms / Pub Service / Etc.)	135	129	147	118	101	107	88	103	80	95	119	113	1,335
EMS / Rescue	170	168	175	161	187	198	163	191	172	185	155	159	2,084
Fire in motor home, camper, recreational v..												1	1
Structure Fires	3	2	4		1	2	1		1	1	5	2	22
Veg Fires	3		2		2		1		1	4	9	3	25
Vehicle Accidents	11	14	20	14	13	18	15	27	24	19	13	15	203
Grand Total	322	313	348	293	304	325	268	321	278	304	301	293	3,670

7.2

Incident Types

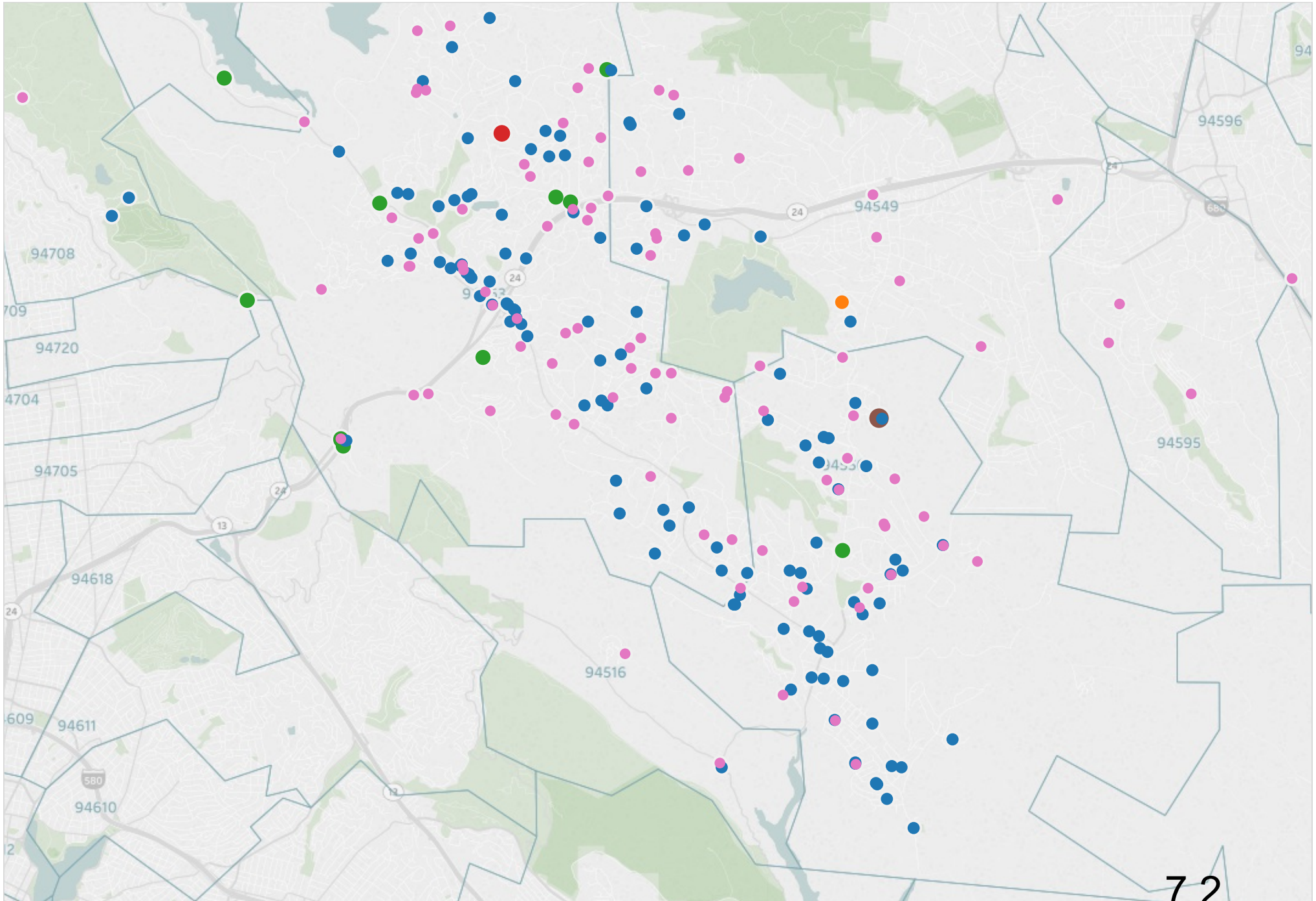
■ All Others (Alarms / Pub Service / Etc.) ■ EMS / Rescue

■ Veg Fires

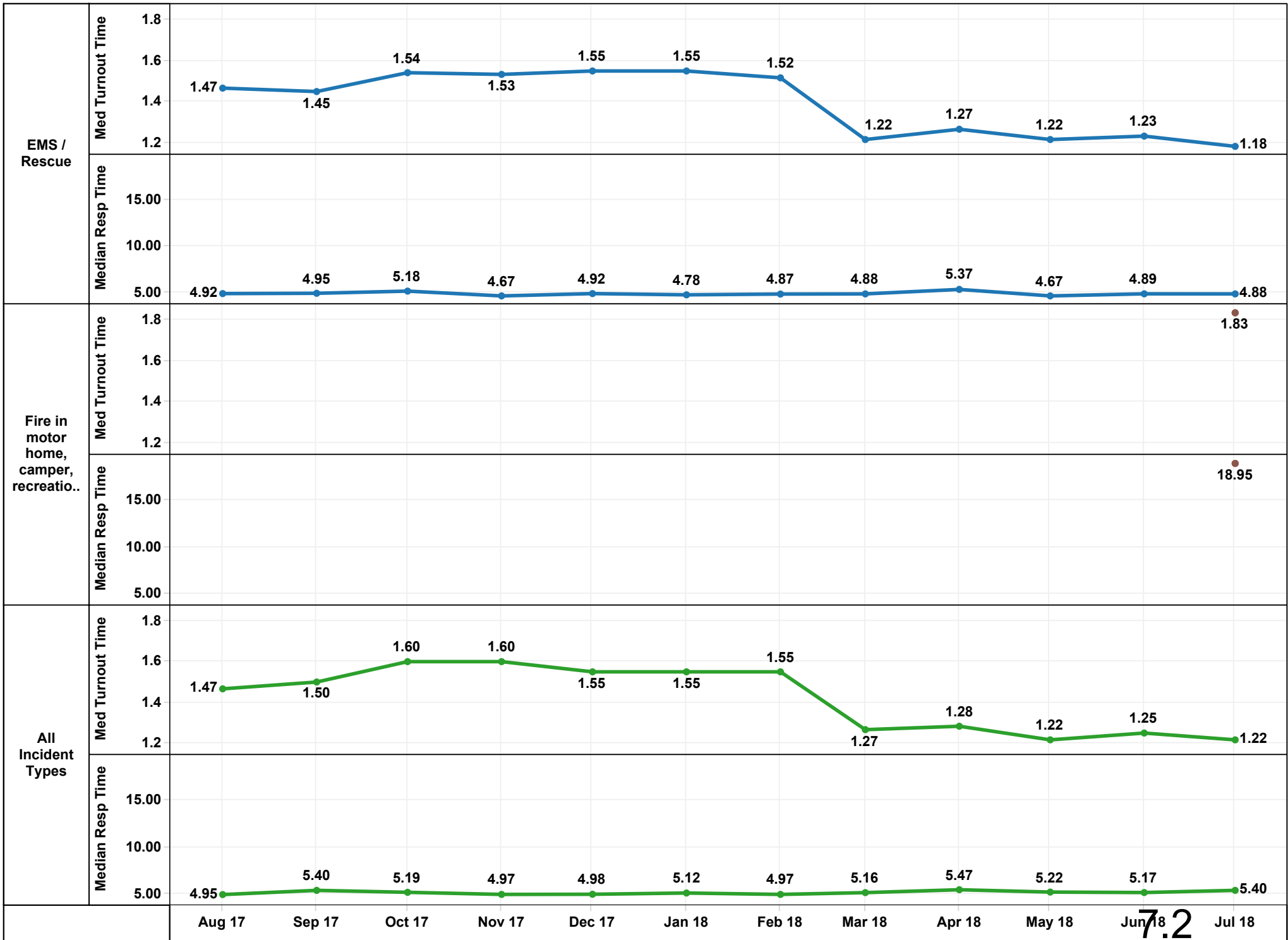
■ Vehicle Accidents

■ Structure Fires

Incident Location Map for MOFD July 2018



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

Moraga-Orinda Fire District
 Check/Voucher Register - Check Register
 From 7/1/2018 Through 7/31/2018

Check Number	Check Date	Name	Check Amount	Transaction Description
2018-19	7/30/2018	CCCERA Retirement	5,100,000.00	2018/19 Pre-paid Retirement Contribution
26170	7/12/2018	ADP, Inc.	336.24	ADP Payroll Fees ending 06/15/18
	7/12/2018	ADP, Inc.	405.05	ADP Payroll Fees ending 06/30/18
26171	7/12/2018	Air Exchange Inc.	343.75	Exhaust system repair
26172	7/12/2018	Alameda County Fire Depart...	17,852.88	Misc. repairs
26173	7/12/2018	A T and T Mobility	1,317.92	Phone Acct #287016079073 05/16/18-06/15/18
26174	7/12/2018	Bound Tree Medical, LLC	31.95	Instant hot packs
	7/12/2018	Bound Tree Medical, LLC	8,714.93	Misc supplies
	7/12/2018	Bound Tree Medical, LLC	509.55	NitroMist
	7/12/2018	Bound Tree Medical, LLC	46.50	Ondansetron
26175	7/12/2018	Contra Costa Door	428.06	Apparatus bay door repair
26176	7/12/2018	Contra Costa Tree & Stump R...	150.00	Chip brush at station
26177	7/12/2018	Central Valley Environmental	10,750.00	Mold remediation-Temporary Station 43
26178	7/12/2018	Comcast	86.28	8155 40 005 0208428 Station 41-06/29/18-07/28/18
	7/12/2018	Comcast	86.28	8155 40 005 0208436 Station 42-06/24/18-07/23/18
	7/12/2018	Comcast	86.21	8155 40 006 0190996 Station 45-06/23/18-07/22/18
	7/12/2018	Comcast	86.21	8155 40 006 0191002 Station 44-06/14/18-07/13/18
	7/12/2018	Comcast	86.21	8155 40 006 0191028 Station 43-06/14/18-07/13/18
26179	7/12/2018	Concord Garden Equipment	424.13	VP fuel
26180	7/12/2018	Consolidated CM	20,496.25	Management services 04/28/18-5/25/18
26181	7/12/2018	C.R. Fireline, Inc.	1,460.00	Sprinkler system service
26182	7/12/2018	Definitive Networks, Inc.	19,166.00	Service coverage for June 2018
26183	7/12/2018	Dell Financial Services	570.70	Rental & Admin Fee 06/13/18-07/12/18 A/C #001-8402535-008
26184	7/12/2018	Department of Justice	81.00	Fingerprinting
26185	7/12/2018	Daniel Dick	650.00	Confined Space Rescue Technician class 6/4/18-6
	7/12/2018	Daniel Dick	50.00	Shoes
26186	7/12/2018	ECMS, Inc.	1,769.31	PPE inspections and repairs
26187	7/12/2018	Dan Elbanna	57.64	Shoes and Treadmill ground plug
26188	7/12/2018	Hunt & Sons, Inc.	2,107.95	Fuel A/C #72371
	7/12/2018	Hunt & Sons, Inc.	1,068.73	Fuel A/C #72372
	7/12/2018	Hunt & Sons, Inc.	1,398.13	Fuel A/C #72375
26189	7/12/2018	Industrial Safety Supply	326.25	Temple straps and neck straps
26190	7/12/2018	Dan Johansen	200.00	Paramedic licence renewal-D. Johansen
26192	7/12/2018	L.N. Curtis & Sons	946.13	2 eDraulic chargers
	7/12/2018	L.N. Curtis & Sons	1,012.09	Extrication gloves and flash hoods
	7/12/2018	L.N. Curtis & Sons	311.36	Extrication parts for T44
	7/12/2018	L.N. Curtis & Sons	1,750.89	Hotline SJ Hose
	7/12/2018	L.N. Curtis & Sons	45,204.17	Hydraulic rescue and stabilization equipment-T44
	7/12/2018	L.N. Curtis & Sons	65.33	Jumbo adapter lock
	7/12/2018	L.N. Curtis & Sons	252.03	Labor for extrication equipment repair-E43
	7/12/2018	L.N. Curtis & Sons	1,509.25	Mako air trailer compressor service
	7/12/2018	L.N. Curtis & Sons	2,704.79	Misc equipment
	7/12/2018	L.N. Curtis & Sons	6,314.98	Mounting hardware incl'ing drafting hose & foam-E & E145
	7/12/2018	L.N. Curtis & Sons	2,778.56	Seven 1.5NHF chief XD shutoff only
	7/12/2018	L.N. Curtis & Sons	418.69	Structure boots-Bensley
	7/12/2018	L.N. Curtis & Sons	455.66	Structure boots-Giffin
	7/12/2018	L.N. Curtis & Sons	1,370.25	Titan split apart stretcher
26193	7/12/2018	M & M Sanitary	29.00	5/30/18 Service-PP41
	7/12/2018	M & M Sanitary	35.00	6/28/18 Service-PP41
26194	7/12/2018	Michael Martinez	300.00	Chief Fire Office-3B
26195	7/12/2018	Monte Deignan & Associates	558.00	Mold clearance test #2
	7/12/2018	Monte Deignan & Associates	727.00	Mold clearance testing and report-Temp. station 43
26196	7/12/2018	Moraga Hardware & Lumber	419.69	Fire danger sign repair
	7/12/2018	Moraga Hardware & Lumber	10.36	Repair supplies for Truck 44

Moraga-Orinda Fire District
 Check/Voucher Register - Check Register
 From 7/1/2018 Through 7/31/2018

Check Number	Check Date	Name	Check Amount	Transaction Description
26197	7/12/2018	National Construction Rentals	34.26	Overhead meter pole-0001 monthly rental-05/30/18-06/26/18
26198	7/12/2018	Brad Nygard	4.58	Brass fitting for station repair
26199	7/12/2018	Occu-Med, Ltd.	99.25	Pre-employment-Aide
26200	7/12/2018	Office Depot	45.22	Bluetooth mouse
26201	7/12/2018	Peterson Trucks, Inc.	901.15	Side mirror-M41
26202	7/12/2018	Pacific Gas & Electric	1,524.71	05/03/18-6/03/18- Station 44
	7/12/2018	Pacific Gas & Electric	1,636.20	05/03/18-6/03/18- Station 45 Electric
	7/12/2018	Pacific Gas & Electric	291.40	05/04/18-6/04/18- Admin
	7/12/2018	Pacific Gas & Electric	1,150.85	05/04/18-6/04/18- Station 42 Electric
	7/12/2018	Pacific Gas & Electric	1,027.18	05/04/18-6/04/18-Station 41
	7/12/2018	Pacific Gas & Electric	121.67	05/05/18-6/05/18- Station 42 Gas
	7/12/2018	Pacific Gas & Electric	65.77	05/15/18-6/14/18- Station 45 Gas
	7/12/2018	Pacific Gas & Electric	258.55	05/16/18-6/14/18- Station 43
26203	7/12/2018	Mike Rattary	200.00	Paramedic licence renewal-M. Rattary
	7/12/2018	Mike Rattary	50.00	Shoes
26204	7/12/2018	Reinholdt Engineering Constr...	599.01	Fuel tank service-Station 41
	7/12/2018	Reinholdt Engineering Constr...	599.01	Fuel tank service-Station 42
	7/12/2018	Reinholdt Engineering Constr...	620.86	Fuel tank service-Station 44
	7/12/2018	Reinholdt Engineering Constr...	610.60	Fuel tank service-Station 45
26205	7/12/2018	Renne Public Law Group, LLP	10,547.94	Services 05/1/18-05/31/18
26206	7/12/2018	Steve Rogness	50.00	Shoes
26207	7/12/2018	Sacramento Metropolitan Fire...	235.36	GEMT SFY 2016/17
26208	7/12/2018	Safeway, Inc	16.13	199 Corliss Drive fire
	7/12/2018	Safeway, Inc	80.36	Food for BC interviews
	7/12/2018	Safeway, Inc	87.63	LaSalle fire
	7/12/2018	Safeway, Inc	100.88	Training burn lunch
	7/12/2018	Safeway, Inc	36.66	Volunteer appreciation dinner
26209	7/12/2018	Claudia Samson	70.27	Shoes and Reimb. misc.
26210	7/12/2018	Grace Santos	79.55	Reimb. mileage 2/21/18 to 6/20/18
26211	7/12/2018	Gloriann Sasser	61.91	Reimb. mileage from 3/12/18 to 6/27/18
26212	7/12/2018	Thomas Schwedhelm	80.00	Paramedic accreditation fee-reimbursement
26213	7/12/2018	Shah Kawasaki Architects	11,391.60	Services 05/01/18 to 05/31/18
26214	7/12/2018	Shred-it	66.00	May 2018 pick-up
26215	7/12/2018	Staples Advantage	1,291.97	Misc. supplies
26216	7/12/2018	Michael Stiehr	80.00	Paramedic accreditation fee-reimbursement
26217	7/12/2018	St. Stephen's Episcopal Church	5,568.76	Temp Station rent- May and June 2018
26218	7/12/2018	Sun Valley Heating & Air Con...	1,480.00	HVAC service
26219	7/12/2018	Terracon Consultants, Inc	1,550.00	Services through 5/12/18
	7/12/2018	Terracon Consultants, Inc	2,897.00	Services through 6/9/18
26220	7/12/2018	United Site Services	2,004.75	Service 06/01/18-06/30/18
26221	7/12/2018	The UPS Store	20.62	Return strike team backpack-D. Mazaika
26222	7/12/2018	Verizon Wireless	717.76	Account 623714059-00001 Service 05/24/18-06/23
	7/12/2018	Verizon Wireless	358.94	Account 623714059-00003 Service 05/24/18-06/23
	7/12/2018	Verizon Wireless	99.06	Account 623714059-00004 Service 05/24/18-06/23
26223	7/13/2018	ADT Security Services	42.99	Services 07/4/18-08/03/18- Admin bldg. burglar sy:
	7/13/2018	ADT Security Services	42.52	Services 07/4/18-08/03/18- Admin bldg. camera
	7/13/2018	ADT Security Services	69.27	Services 07/9/18-08/08/18- Station 45
26224	7/13/2018	AFSCME Council 57	185.30	Period Ending 06/30/18
26225	7/13/2018	American Fidelity	2,243.51	Period Ending 06/30/2018
	7/13/2018	American Fidelity	1,138.10	Supplemental deductions-Period Ending 06/30/18
26226	7/13/2018	American Messaging	26.73	Paging Service July 2018
26227	7/13/2018	Bandwidth.com, Inc.	417.69	Service 07/1/18-07/31/18
26228	7/13/2018	Bay Alarm Company	159.78	St.#42 Qtrly monitoring-A/C #3654324 07/01/18-10/01/18
	7/13/2018	Bay Alarm Company	159.78	St.#44 Qtrly monitoring-A/C #3645624 07/01/18-10/01/18

Moraga-Orinda Fire District
 Check/Voucher Register - Check Register
 From 7/1/2018 Through 7/31/2018

Check Number	Check Date	Name	Check Amount	Transaction Description
26229	7/13/2018	Biomedical Waste Disposal	79.00	June 2018 Medical Waste A/C #0349
	7/13/2018	Biomedical Waste Disposal	79.00	June 2018 Medical Waste A/C #0350
26230	7/13/2018	CC County Auditor-Controller	11,623.56	LAFCO FY18/19
26231	7/13/2018	Citrix Systems Inc.	1,190.00	Annual renewal to 06/26/19 #45827369
26232	7/13/2018	Dell Financial Services	302.46	Rental & Admin Fee 07/01/18-07/31/18 A/C #001-8402535-009
26233	7/13/2018	FDAC EBA	1,332.90	July 2018 vision
26234	7/13/2018	FAIRA	55,621.00	Property and Liability package policy 7/1/18-7/1/19
26235	7/13/2018	GovInvest Inc.	4,400.00	Pension Licensing fee -Year 2
26236	7/13/2018	Happy Pixel Studio, LLC	1,696.00	Website maintenance and hosting 04/27/18-7/11/18
26237	7/13/2018	IAFF Local 1230 Dues	8,301.81	Period Ending 06/30/18
26238	7/13/2018	IAFF Local 1230 Insurance	1,828.45	Period Ending 06/30/18
26239	7/13/2018	Kronos Incorporated	4,527.06	Telestaff Contract and WebAccess usage fee 2018/2019
26240	7/13/2018	Michael Murphy	4,775.32	ADPP-M. Murphy July
26241	7/13/2018	National Construction Rentals	34.26	Overhead meter pole-0002 monthly rental-06/12/18-07/09/18
26242	7/13/2018	PODS Enterprises, LLC	216.61	Container rental 07/12/18-08/11/18
26243	7/13/2018	PLIC- SBD Grand Island	116.55	July 2018
26244	7/13/2018	Ken Tamplen	1,064.25	Parcel #255-240-029-9, 3 Rae Drive
26245	7/24/2018	Airgas USA, LLC	351.04	Tank Rental-Station 41- #2118770 -June 2018
	7/24/2018	Airgas USA, LLC	38.05	Tank Rental-Station 44- #2902766 -June 2018
	7/24/2018	Airgas USA, LLC	271.48	Tank Rental-Station 45- #2867225 -June 2018
26246	7/24/2018	ALSCO - American Linen Divi...	498.72	JUne 2018 linen
26247	7/24/2018	A T and T	333.48	Acct# 9391035207 06/12/18-07/11/18
	7/24/2018	A T and T	148.90	Acct# 9391053307 06/01/18-06/30/18
	7/24/2018	A T and T	11.84	Acct#9391060223 06/13/18-07/12/18 Conference calling
26248	7/24/2018	Bay Area Air Quality Manage...	589.00	BAAQM permit-B6975-St #44 8/1/18-8/1/20
26249	7/24/2018	Kevin Brashem	1,490.00	Rescue Systems 2 and 3-K. Brashem to be reimb. CA TF-4
26250	7/24/2018	FASIS - Calif Bank and Trust	219,694.00	1st Qtr FY18/19 Workers Comp
26251	7/24/2018	Contra Costa Health Services	402.00	CCC Haz Mat Permit-Station 41
	7/24/2018	Contra Costa Health Services	402.00	CCC Haz Mat Permit-Station 42
	7/24/2018	Contra Costa Health Services	402.00	CCC Haz Mat Permit-Station 44
	7/24/2018	Contra Costa Health Services	1,369.00	CCC Haz Mat Permit-Station 45
26252	7/24/2018	Comcast	96.21	8155 40 006 0191002 Station 44-07/14/18-08/13/18
	7/24/2018	Comcast	96.21	8155 40 006 0191028 Station 43-07/14/18-08/13/18
26253	7/24/2018	Consolidated CM	20,889.50	Management services 05/26/18-06/22/18
	7/24/2018	Consolidated CM	2,557.69	Reimb. Direct Costs 5/18/18-6/26/18
26254	7/24/2018	Dell Financial Services	302.46	Rental & Admin Fee 08/01/18-08/31/18 A/C #001-8402535-009
26255	7/24/2018	Entenmann-Rovin Co.	1,105.08	6 Engineer and 6 Captain badges
26256	7/24/2018	Hunt & Sons, Inc.	1,465.79	Fuel A/C #72371
	7/24/2018	Hunt & Sons, Inc.	2,019.55	Fuel A/C #72372
	7/24/2018	Hunt & Sons, Inc.	394.50	Fuel A/C #72373
	7/24/2018	Hunt & Sons, Inc.	1,051.05	Fuel A/C #72375
26257	7/24/2018	Joanne Milne	1,913.00	Refund resident patient-12/19/17 incident
26258	7/24/2018	National Construction Rentals	34.26	Overhead meter pole-0001 monthly rental-06/27/18-07/24/18
	7/24/2018	National Construction Rentals	34.26	Overhead meter pole-0002 monthly rental-07/10/18-08/06/18
26259	7/24/2018	Matthew Nichols	575.00	S-219 class
26260	7/24/2018	OpenGov, Inc.	6,000.00	7/1/18-6/30/19
26261	7/24/2018	Paymentus Group, Inc.	140.25	Credit card fees-June 2018
26262	7/24/2018	Pacific Gas & Electric	729.26	06/04/18-07/02/18 Station 44
	7/24/2018	Pacific Gas & Electric	1,893.07	06/04/18-07/02/18 Station 45-Electric

Moraga-Orinda Fire District
 Check/Voucher Register - Check Register
 From 7/1/2018 Through 7/31/2018

Check Number	Check Date	Name	Check Amount	Transaction Description
	7/24/2018	Pacific Gas & Electric	291.67	06/05/18-07/04/18 Admin
	7/24/2018	Pacific Gas & Electric	1,022.09	06/05/18-07/04/18 Station 41
	7/24/2018	Pacific Gas & Electric	1,102.61	06/05/18-07/04/18 Station 42-Electric
	7/24/2018	Pacific Gas & Electric	82.32	06/06/18-07/05/18 Sation 42-Gas
26263	7/24/2018	Pitney Bowes	168.76	St 41 Postage Machine Rental A/C #17220373 04/30/18-07/29/18
26264	7/24/2018	Dennis Rein	12.00	Reimb. for Comm Support meeting refreshments
	7/24/2018	Dennis Rein	77.00	Reimb. meals for Buckingham fire and Comm suppr mtg 6/2/18
26265	7/24/2018	Renne Public Law Group, LLP	4,341.00	Services 06/1/18-06/30/18
26266	7/24/2018	Republic Services	485.72	July 2018 Trash A/C#302100093245
	7/24/2018	Republic Services	93.09	July 2018 Trash A/C#302100094052
	7/24/2018	Republic Services	465.77	July 2018 Trash A/C#302100095331
	7/24/2018	Republic Services	93.09	July 2018 Trash A/C#302100108522
26267	7/24/2018	Safeway, Inc	412.91	4th of July food for Volunteers
	7/24/2018	Safeway, Inc	569.59	Food for firefighters for 7/2/18 fire
	7/24/2018	Safeway, Inc	26.18	Ice for 4th of July
	7/24/2018	Safeway, Inc	48.45	Water and ice for 7/2/18 fire
26268	7/24/2018	Shah Kawasaki Architects	7,427.28	Services 06/01/18 to 06/30/18
26269	7/24/2018	Smart Clean Building Mainten...	245.00	July 2018 cleaning service
26270	7/24/2018	Sutro Tower, Inc.	1,966.50	3 Kenwood TKR-850 repeater radios
26271	7/24/2018	Terracon Consultants, Inc	2,958.00	Services through 7/7/18
26272	7/24/2018	TIAA Commercial Finance, Inc.	223.34	Copier Rental July 2018 A/C #20317889-1
26273	7/24/2018	United Site Services	2,132.75	Service 07/01/18-07/31/18
26274	7/24/2018	The UPS Store	67.45	Return single resourse backpack to vendor
26275	7/24/2018	U.S. Bank	0.00	A/C #4246-0445-5564-6748 06/22/18
26276	7/24/2018	Verizon Wireless	56.24	12-lead modem wireless 06/11/18-07/10/18
CC-0718	7/11/2018	CCCERA Retirement	150,602.67	CCCERA retirement payment-June 2018 contributi
CP050	7/9/2018	Calif. Public Employees'	175,798.57	CalPers Health Ins
CU-0718	7/11/2018	1st NorCal Federal Credit Union	1,943.20	Period Ending 06/30/18
DD050	7/9/2018	Delta Dental Plan of Calif.	16,835.04	Delta Dental ACH payment
PFA 0718	7/11/2018	Moraga-Orinda Professional F...	1,737.00	Period ending 06/30/18
Stmt 05/22/18	7/23/2018	U.S. Bank	10,610.60	A/C #4246-0445-5564-6748 05/22/18
Stmt 06/22/18	7/25/2018	U.S. Bank	14,470.21	A/C #4246-0445-5564-6748 06/22/18
Report Total			6,072,469.41	



Moraga-Orinda Fire District

MEMORANDUM

TO: The Board of Directors

FROM: Dave Winnacker, Fire Chief

DATE: August 15, 2018

SUBJECT: Item 8.1 – Resolution 18-15 – A Resolution of the Moraga-Orinda Fire Protection District of Contra Costa County, Amending the District Conflict of Interest Code

BACKGROUND

All local government agencies are required by statute to adopt a Conflict of Interest Code that include provisions designating the positions within the agency that will be required to report certain financial interests, the manner of reporting those financial interests, and standards for when the employees will be disqualified from participating in the making of certain decisions.

Conflict of Interest Codes must specifically list positions that make or participate in making decisions for or on behalf of the District. Typically, positions that involve voting on matters, negotiating contracts, or making recommendations on purchases without substantive review must be included in codes.

A primary purpose of the Code is to require disclosure of those types of investments, interests in real property, sources of income and business positions that designated positions may affect in their decision-making.

At a regular Board meeting on September 21, 2016, the Board of Directors adopted Resolution 16-14 – a Resolution of the Moraga-Orinda Fire Protection District of Contra Costa County Adopting a Conflict of Interest Code.

District Council has conducted the required biennial review of the Conflict of Interest Code and has determined to add one position and associated disclosure categories to the list of “Designated Positions” in the Code. In accordance, Section 1 of Resolution 18-15 Amending the District Conflict of Interest Code and Section 2 of the Code have been amended to add one new position of “Emergency Preparedness Coordinator”. Clarifying changes were also made to Sections 1 and 5 of the Code.

Attached to this staff report is both a “clean” version of the Code proposed to be adopted, as well as a “red-lined” version to allow the Board of Directors to see what changes have been made from the District’s existing Code.

RECOMMENDATION

Staff recommends that the Board adopt Resolution 18-15 – A Resolution of the Moraga-Orinda Fire District of Contra Costa County, Amending the District Conflict of Interest Code.

ATTACHMENTS

1. Attachment A – Resolution 18-15 A Resolution of the Moraga-Orinda Fire Protection District of Contra Costa County, Amending the District Conflict of Interest Code
2. Attachment B – 2018 Conflict of Interest Code – Red-lined Version
3. Attachment C – 2018 Conflict of Interest Code – Clean Version

RESOLUTION 18-15

**A RESOLUTION OF THE MORAGA-ORINDA FIRE
PROTECTION DISTRICT OF CONTRA COSTA COUNTY,
AMENDING THE DISTRICT CONFLICT OF INTEREST CODE**

WHEREAS, the Conflict of Interest Code of the Moraga-Orinda Fire Protection District was originally adopted in 2010 by Board Resolution 10-12 and most recently amended by the Board’s adoption of Resolution 16-14; and

WHEREAS, District staff has conducted the required biennial review of said Conflict of Interest Code and has determined that one position should be added to the list of “Designated Positions” in the Code; and

WHEREAS, District staff has made additional clarifying, non-substantive amendments to said Conflict of Interest Code to ensure conformance with State law.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Moraga-Orinda Fire District as follows:

SECTION 1. The District Conflict of Interest Code adopted pursuant to Resolution 16-14 is hereby amended to add “Emergency Preparedness Coordinator” to the list of Designated Positions and the disclosure category for this position shall be 1&2, and to make other clarifying, non-substantive amendments.

SECTION 3. All other provisions of the Conflict of Interest Code adopted pursuant to Resolution 16-14 shall remain in full force and effect.

SECTION 4. Effective Date

This Resolution shall become effective upon the date of approval and ratification by the code reviewing body of the County of Contra Costa.

PASSED, APPROVED and ADOPTED this 15th day of August, 2018 at the regular meeting of the District Board of Directors held on August 15, 2018, at 22 Orinda Way, Orinda, California, 94563, on a motion made by Director _____ seconded by Director _____ , and duly carried with the following roll call vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Attachment A

Dated: August 15, 2018

Brad Barber, President
Board of Directors

I certify that this is a full, true and correct copy of the original document which is on file in my office, and that was passed and adopted by the Moraga-Orinda Fire Protection District on the date shown.

ATTEST:

Grace Santos
District Clerk

APPROVED AS TO FORM:

Jonathan Holtzman, District Counsel

APPROVED AS TO CONTENT:

Dave Winnacker, Fire Chief

**MORAGA-ORINDA FIRE DISTRICT
OF CONTRA COSTA COUNTY
CONFLICT OF INTEREST CODE
September 2018⁶**

SECTION 1. Purpose

Pursuant to the provisions of Government Code sections 87300 et seq. [and 2 California Code of Regulations sections 18730 et seq. \(“Regulations\)](#), the Moraga-Orinda Fire Protection District of Contra Costa County hereby adopts the following *Conflict of Interest Code*. Nothing contained herein is intended to modify or abridge the provisions of the Political Reform Act of 1974 (Government Code § 81000) [or the Regulations](#). The provisions of this Code are additional to Government Code section 87100 and other laws pertaining to conflicts of interest. Except as otherwise indicated, the provisions of said Act and ~~regulations adopted pursuant thereto~~ [the Regulations](#) are incorporated herein and this code shall be interpreted in a manner consistent therewith.

SECTION 2. Designated Positions

The positions listed below are designated positions. Officers and employees holding these positions are designated employees and are deemed to make, or participate in the making of, decisions which may foreseeably have a material effect on a financial interest.

<u>Designated Positions</u>	<u>Disclosure Category</u>
Member of the Board of Directors	1&2
Chief Administrator, Fire Chief	1&2
Battalion Chiefs	1&2
Fire Marshal, Chief of Fire Prevention	1&2
Assistant Fire Marshal	1& 2
Administrative Services Director	1&2
Fire Inspector/Plans Examiner	3 (H) (I) (J) (K) (M) (N) (O) (Q)
Human Resources Manager	1&2
Fire District Legal Counsel	1&2
Emergency Preparedness Coordinator	1&2
Consultant	4

Attachment B

SECTION 3. Disclosure Categories

General Rule.

An investment, interest in real property, or income is reportable if the business entity in which the investment is held, the interest in real property, or the income or source of income may foreseeably be affected materially by a decision made or participated in by the designated employee by virtue of the employee's positions.

Designated Employees in Category "1" must report:

All investments, interests in real property and income, and any business entity in which the person is a director, officer, partner, trustee, employee or holds any position of management. Financial interests are reportable only if located within Moraga-Orinda Fire Protection District or if the business entity is doing business or planning to do business in the District (and such plans are known by the designated employee) or has done business within the District at any time during the two years prior to the filing of the statement.

Designated Employees in Category "2" must report:

Investments in any business entity, and income from any source and status as a director, officer, partner, trustee, employee, or holder of a position of management in any business entity, which has within the last two years contracted or foreseeably may contract, with Moraga-Orinda Fire Protection District to provide services, supplies, materials, machinery, or equipment to such district.

Designated Employees In Category "3" must report:

Investments in any business entity and income from any source and status as a director, officer, partner, trustee, employee, or holder of a position of management in any business entity which has been within the last two years contracted, or foreseeably may contract, with Moraga-Orinda Fire Protection District to provide services supplies, materials, machinery or equipment which are related to the following areas:

- (A) Motor Vehicle Equipment Service & Supplies
- (B) Communications Equipment Service & Supplies
- (C) Building & Grounds Material Equipment Service & Supplies
- (D) Material, Equipment Service & Supplies for Stations
- (E) Canvas Service & Supplies
- (F) Air systems Equipment Service & Supplies
- (G) Aircraft Equipment Service & Supplies
- (H) Material & Service for Weed Abatement Program
- (I) Material & Service for Building Construction
- (J) Material & Service for Water Supply for Fire Protection
- (K) Fire Protection Equipment, Services & Supplies
- (L) Hose Service Supplies
- (M) Mapping Service & Supplies
- (N) Photograph Equipment Service & Supplies
- (O) Public Education Material Service & Supplies
- (P) Office Equipment Service & Supplies
- (Q) Real Property within the District

Attachment B

Designated Employees In Category "4" must report:

Consultants shall disclose all of the interests required to be disclosed pursuant to Disclosure Categories 1 and 2, subject to the following limitation: The Chief Administrator may determine in writing that a particular consultant, although a "designated position," is hired to perform a range of duties that is limited in scope and thus is not required to fully comply with the disclosure requirements of the broadest disclosure category, but instead must comply with more tailored disclosure requirements specific to that consultant. Such written determination shall include a description of the consultant's duties and, based upon that description, a statement of the extent of disclosure requirements. The Chief Administrator's determination is a public record and shall be retained for public inspection in the same manner and location as this conflict of interest code.

SECTION 4. Statement

Designated positions shall be assigned to one or more of the disclosure categories set forth above. Each designated employee shall file an annual statement disclosing that employees' interest in investments, real property and income, designated as reportable under the category to which the employee's position is assigned.

SECTION 5. Place and Time of Filing

(a) All designated employees required to submit a statement of financial interest shall cause the same to be filed with the Clerk or Secretary of the District.

(b) The Clerk or Secretary of the District which receives the statement of financial interest shall make and retain a copy and forward the original to the Clerk of Contra Costa County.

(c) A designated employee required to submit a statement of financial interest shall submit an initial statement within thirty (30) days after the effective date of this Code.

(d) All employees appointed, promoted or transferred to designated positions shall file initial statements not less than ten (10) days before assuming office, unless an earlier assumption of office is required by emergency circumstances, in which case the statement shall be filed within thirty (30) days thereafter.

(e) Annual statements shall be filed during the month of February by all designated employees. Such statement shall cover the period of the preceding calendar year.

(f) A designated employee required to file a statement of financial interest with any other agency, which is within the same territorial jurisdiction, may comply with the provisions of this Code by filing a duplicate copy of the statement filed with the other agency, in lieu of an entirely separate document.

SECTION 5. Scope and Manner of Reporting

All persons required by this Conflict of Interest Code to file statements of economic interests shall comply with the provisions of ~~2 California Code of Regulations section 18730~~ [the Regulations](#) (and as ~~that those section~~ [Regulations](#) may be amended), which contains detailed

Attachment B

instructions regarding the scope of interests to be reported as well as the manner of reporting them. The Regulations can be found online at: <http://www.fppc.ca.gov/the-law/fppc-regulations/regulations-index.html> <http://www.fppc.ca.gov/legal/regs/current/18730.pdf>.

SECTION 6. Disqualification

Designated employees must disqualify themselves from making or participating in the making of any decisions in which they have reportable financial interest, when it is reasonably foreseeable that such interest may be materially affected by the decision. No designated employee shall be required to disqualify himself with respect to any matter which could not be legally acted upon or decided without his participation.

SECTION 7. Effective Date

This code, unless otherwise provided by the Political Reform Act of 1974, shall become effective upon the date of approval and ratification by the code reviewing body of the County of Contra Costa.

**MORAGA-ORINDA FIRE DISTRICT
OF CONTRA COSTA COUNTY
CONFLICT OF INTEREST CODE
September 2018**

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Attachment C

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- (E) Canvas Service & Supplies
- (F) Air systems Equipment Service & Supplies
- (G) Aircraft Equipment Service & Supplies
- (H) Material & Service for Weed Abatement Program
- (I) Material & Service for Building Construction
- (J) Material & Service for Water Supply for Fire Protection
- (K) Fire Protection Equipment, Services & Supplies
- (L) Hose Service Supplies
- (M) Mapping Service & Supplies
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Attachment C

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All persons required by this Conflict of Interest Code to file statements of economic interests shall comply with the provisions of the Regulations (and as those Regulations may be amended), which contains detailed instructions regarding the scope of interests to be reported as well

Attachment C

as the manner of reporting them. The Regulations can be found online at:
<http://www.fppc.ca.gov/the-law/fppc-regulations/regulations-index.html>.

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SECTION 7. Effective Date

This code, unless otherwise provided by the Political Reform Act of 1974, shall become effective upon the date of approval and ratification by the code reviewing body of the County of Contra Costa.



Moraga-Orinda Fire District

TO: Board of Directors
FROM: David Winnacker, Fire Chief
DATE: August 15, 2018
SUBJECT: Item 8.2 – Emergency Outdoor Warning Systems

Background

Recent community discussion on NextDoor and other digital community messaging systems has identified a desire for emergency notification in the event of a wildfire. Much of this discussion has centered the suitability of outdoor warning sirens to wake sleeping residents and alert them of the need for evacuation.

Current Measures

Evacuation orders and implementation are handled by our law enforcement partners. MOFD has worked with Moraga and Orinda PD to develop detailed evacuation polygons to allow for the orderly evacuation of individual neighborhoods. In the event of a fire, the MOFD incident commander will communicate areas to be evacuated with appropriate police representative who will then activate emergency evacuation notifications. The primary method to do so is through the Contra Costa County Community Warning System (Reverse 9-1-1) resulting in automated phone calls, text messages and “weather alert radio” notifications being placed to residents in the selected area. Additional notifications for non-life threatening matters are made on an area-wide basis using Nixle, Nextdoor, Facebook, Twitter and other social media platforms.

Within the MOFD jurisdiction, the Community Warning System is the preferred method as it allows for targeted evacuations of those residents who face the greatest risk. Given the limited number of evacuation routes, attempting a mass evacuation is very likely to result in traffic impacts that will prevent both citizens from departing and first responders from entering the area.

Concerns

A recent development that potentially impacts the ability of local government to make emergency notifications is PG&E’s policy to pre-emptively shut down power during high fire threat weather conditions. Combined with the prevalence of VOIP telephone systems and hands free phones, loss of power may effectively eliminate residential telephone services.

Additional concerns have been raised regarding the resiliency of cellular networks and ISP infrastructure in the event of a power outage.

District staff is engaged in conversations with wireless providers to determine the resiliency of local networks, identify critical nodes, and ensure fuels mitigation work has been completed to protect these sites. District staff is also meeting with PG&E to better understand the criteria that will be used to determine in the event that electrical service should be disrupted.

Best Practices

1. Sign up for the CWS and Nixle Alerts
 - a. Set Nixle as an Emergency Bypass contact to enable alerts when the phone is in Do Not Disturb mode
 - b. Ensure your smart phone is set to receive government alerts under the Notifications setting
2. Purchase a UPS to power your hands free phone base station and router/modem
3. Purchase a weather alert radio for your home
4. Develop a neighborhood notification plan
5. Clear defensible space around your home and any streets that front your property
6. Purchase and maintain a battery powered AM/FM radio and a weather alert radio to receive notifications and updates in the event of a power outage

Siren Review

Several local government agencies have installed outdoor emergency notification systems. Older systems are comprised of single function sirens, whose primary purpose is to warn people who are outside to rapidly seek shelter indoors and turn to radio or TV for more information. A 2017 study by the National Institute of Science and Technology (NIST) found that siren efficacy and propagation was negatively affected by high winds and structures. As an example of the siren density required to assure notification, San Francisco uses 109 sites (voice and siren capable) to cover 48 square miles for outdoor warning. The city of Richmond has 17 sites to serve 30 square miles of primarily flat terrain. MOFD serves 42 square miles with 22.3 of these being within Moraga and Orinda proper.

Siren only systems have recently fallen from favor as technology has provided more precise systems for rapidly spreading emergency information. The NIST study found that sirens often result in confusion regarding what to do and require significant outreach campaigns to educate the public in the targeted area.

The Contra Costa County Community Warning System operates sirens throughout the county, primarily in areas near refineries. They have estimated that sirens cost approximately \$50,000 per site to field and \$5,000 in annual maintenance. Additional funding would be required for a sound survey to ensure the siren system was properly located to cover the desired population. Given the paucity of public lands throughout MOFD's jurisdiction, additional work would be required to secure MOUs to locate and maintain sirens on private property.

Recommendation

No action required. For information only.

References

1. NIST Study: <https://nvlpubs.nist.gov/nistpubs/TechnicalNotes/NIST.TN.1950.pdf>
2. San Francisco OPWS Fact Sheet: <https://sfdem.org/outdoor-public-warning-system-0>
3. Wireless Emergency Alerts: <https://www.fcc.gov/consumers/guides/wireless-emergency-alerts-wea>
4. Contra Costa County CWS Sirens: <https://cwsalerts.com/about/>