

# CONTRA COSTA COUNTY

Administration Building Board Chambers | 1025 Escobar St., Martinez, CA



## AGENDA

**Tuesday, April 9, 2024**

**1:00 PM**

### **FIRE PROTECTION DISTRICT**

*Board of Directors*

***FEDERAL D. GLOVER, CHAIR***

***CANDACE ANDERSEN, VICE CHAIR***

***JOHN GIOIA***

***DIANE BURGIS***

***KEN CARLSON***

***LEWIS BROSCHARD, FIRE CHIEF, (925) 941-3300***

***MONICA NINO, COUNTY ADMINISTRATOR AND CLERK OF THE  
BOARD OF SUPERVISORS, (925) 655-2075***

The public may attend the Board meeting in person and remotely via call-in or Zoom. Board meetings are televised live on Comcast Cable 27, ATT/U-Verse Channel 99, and WAVE Channel 32, and can be seen live online at [www.contracosta.ca.gov](http://www.contracosta.ca.gov). Meetings of the Board are closed-captioned in real time.

Persons who wish to address the Board during public comment or with respect to an item on the agenda may comment in person or may call in during the meeting by dialing 888-278-0254 followed by the access code 843298#. A caller should indicate they wish to speak on an agenda item by pushing "#2" on their phone. Persons who wish to address the Board in person should complete the form provided for that purpose. Access via Zoom is also available using the following link: <https://ccccounty-us.zoom.us/j/87344719204>. Those participating via Zoom should indicate they wish to speak on an agenda item by using the "raise your hand" feature in the Zoom app. To provide contact information, please contact Clerk of the Board at [clerkoftheboard@cob.cccounty.us](mailto:clerkoftheboard@cob.cccounty.us) or call 925-655-2000. A Spanish language interpreter is available to assist Spanish-speaking callers. If the Zoom connection malfunctions for any reason, the meeting may be paused while a fix is attempted. If the connection is not reestablished, the Board will continue the meeting in person without remote access.

Public comments generally will be limited to two minutes per speaker. In the interest of facilitating the business of the Board, the total amount of time that a member of the public may use in addressing the Board on all agenda items is 10 minutes. Your patience is appreciated.

A lunch break or closed session may be called at the discretion of the Board Chair. Staff reports related to open session items on the agenda are also accessible online at [www.contracosta.ca.gov](http://www.contracosta.ca.gov).

1:00 P.M. Convene and call to order

**1. CONSIDER CONSENT ITEMS (Items listed as C.1 through C.12 on the following agenda) – Items are subject to removal from Consent Calendar by request of any Director. Items removed from the Consent Calendar will be considered with the Discussion Items.**

**2. DISCUSSION ITEMS**

- D.1** HEARING to consider adopting Ordinance No. 2024-10, authorizing the Contra Costa County Fire Protection District to increase its emergency ambulance service fees within Emergency Response Areas 1, 2, and 5 in Contra Costa County. (Lewis Broschard, Fire Chief) [24-0978](#)

**Attachments:** [CCCFPD Ambulance Services Fee Ordinance 2024-10.pdf](#)

- D.2** CONSIDER accepting a report from the Fire Chief providing a status summary for ongoing Fire District activities and initiatives. (Lewis Broschard, Fire Chief) [24-0979](#)

**Attachments:** [FC REPORT FINAL - April 9 2024.pdf](#)

- D.3** RECEIVE a report and presentation on the CAL FIRE Subdivision Review Program, Fire Hazard Severity Zone Program, and wildfire risk mitigation and potential insurance impacts. (Aaron McAlister, Deputy Fire Chief and Dave Winnacker, Fire Chief, Moraga-Orinda FPD) [24-0980](#)

**Attachments:** [April 9 Fire Board Presentation CON Fire.pdf](#)

- D.4** PUBLIC COMMENT (2 Minutes)

**3. CONSENT ITEMS**

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- C.1** APPROVE and AUTHORIZE the Fire Chief, or designee, to execute a contract amendment between Contra Costa County Fire Protection District and O3, Inc., to increase the payment limit by \$600,000 to a new payment limit of \$1,125,000 for consulting and technical assistance related to Information Technology, with no change to the term. (100% CCCFPD EMS Transport Fund) [24-0966](#)
- C.2** APPROVE and AUTHORIZE the Purchasing Agent to execute, on behalf of the Fire Chief, a contract with GeoComm, in an amount not to exceed \$175,000, for the purchase, installation, and maintenance of a Geographic Information System to dispatch emergency responders more effectively for the period April 10, 2024 to March 31, 2027. (100% CCCFPD General Operating Fund) [24-0967](#)
- C.3** RATIFY the Fire District's grant application; and APPROVE and AUTHORIZE the Fire Chief, or designee, to apply for and accept grant funding in an amount not to exceed \$2,233,963, from the U.S. Department of Homeland Security, Federal Emergency Management Agency, for the purchase of a heavy rescue response vehicle.(90% Federal, 10% local match) [24-0968](#)
- C.4** APPROVE and AUTHORIZE the Fire Chief, or designee, to execute a contract with the Moraga-Orinda Fire District to use the Contra Costa County Fire Protection District's Health and Wellness Center to conduct annual physical exams, for the period March 1, 2024 through December 31, 2024. (No fiscal impact) [24-0969](#)
- C.5** APPROVE and AUTHORIZE the Fire Chief, or designee, to execute a contract with the Rodeo-Hercules Fire Protection District to use the Contra Costa County Fire Protection District's Health and Wellness Center to conduct annual physical exams, for the period, March 1, 2024 through December 31, 2024. (No fiscal impact) [24-0970](#)
- C.6** APPROVE and AUTHORIZE the Fire Chief, or designee, to execute a contract with Metro Elevator, in an amount not to exceed \$30,000 for preventative maintenance and repairs of the elevator at Fire Station 70, for the period May 1, 2024 through April 30, 2029. (100% CCCFPD General Operating Fund) [24-0971](#)
- C.7** APPROVE modifications to the Request for Proposals for Fire Stations 90 and 94 to allow for the specification and requirement to use certain products and systems, in the construction of those fire stations. (CCCFPD Capital Construction Fund and Measure X funding) [24-0972](#)
- C.8** ADOPT Resolution No 2024-4 honoring Lon Goetsch, Assistant Fire Chief, on the occasion of his retirement from the Contra Costa County Fire Protection District. [FPD-RES 2024-4](#)
- C.9** ADOPT Resolution No. 2024-5 honoring Damian Sanderson, Fire Captain-Paramedic, on the occasion of his retirement from the Contra Costa County Fire Protection District. [FPD-RES 2024-5](#)
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- C.10** ADOPT Resolution No.2024-6 honoring Mike Quesada, Assistant Fire Chief, on the occasion of his retirement from the Contra Costa County Fire Protection District. [FPD-RES 2024-6](#)
- C.11** ADOPT Resolution No. 2024-7 to grant an exemption to Contra Costa County Salary Regulations Section 4.1; and adjust the salary step of the incumbent in the classification of Deputy Fire Marshal, from step one to step two of salary range, effective at date of promotion, April 10, 2024. (100% CCCFPD General Operating Fund) [FPD-RES 2024-7](#)
- C.12** DENY claim filed by Dhivakar Krishnamoorthi Geetha. [24-0973](#)

**ADVISORY COMMISSION**

The Contra Costa County Fire Protection District Advisory Fire Commission is scheduled to meet next on May 13, 2024, at 7:00 p.m. at their Administrative Office, 4005 Port Chicago Highway, Suite 250, Concord, CA 94520.

AGENDA DEADLINE: Thursday, 12 noon, 12 days before the Tuesday Board meetings.

**GENERAL INFORMATION**

The Board meets in all its capacities pursuant to Ordinance Code Section 24-2.402.

Any disclosable public records related to an open session item on a regular meeting agenda and distributed by the Clerk of the Board to a majority of the members of the Board of Directors less than 96 hours prior to that meeting are available for public inspection at 1025 Escobar Street, First Floor, Martinez, CA 94553, during normal business hours.

All matters listed under CONSENT ITEMS are considered by the Board to be routine and will be enacted by one motion. There will be no separate discussion of these items unless requested by a member of the Board before the Board votes on the motion to adopt. Each member of the public will be allowed two minutes to comment on the entire consent agenda.

Persons who wish to speak on matters set for PUBLIC HEARINGS will be heard when the Chair calls for public testimony. Each speaker during public testimony will be limited to two minutes. After public testimony, the hearing is closed and the matter is subject to discussion and action by the Board. Comments on matters listed on the agenda or otherwise within the purview of the Board of Supervisors can be submitted to the office of the Clerk of the Board via mail: Board of Directors, 1025 Escobar Street, First Floor, Martinez, CA 94553 or to [clerkoftheboard@cob.cccounty.us](mailto:clerkoftheboard@cob.cccounty.us).

Time limits for public speakers may be adjusted at the discretion of the Chair.

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Anyone desiring to submit an inspirational thought nomination for inclusion on the Board Agenda may contact the Office of the County Administrator or Office of the Clerk of the Board, 1025 Escobar Street, Martinez, California.

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**DISCLOSURE OF CAMPAIGN CONTRIBUTIONS**

Pursuant to Government Code section 84308, members of the Board of Directors are disqualified and not able to participate in any agenda item involving contracts (other than competitively bid, labor, or personal employment contracts), franchises, discretionary land use permits and other entitlements if the Board member received, since January 1, 2023, more than \$250 in campaign contributions from the applicant or contractor, an agent of the applicant or contractor, or any financially interested participant who actively supports or opposes the County's decision on the agenda item. Members of the Board of Directors who have received, and applicants, contractors or their agents who have made, campaign contributions totaling more than \$250 to a Board member since January 1, 2023, are required to disclose that fact for the official record of the subject proceeding. Disclosures must include the amount of the campaign contribution and identify the recipient Board member, and may be made either in writing to the Clerk of the Board of Supervisors before the subject hearing or by verbal disclosure at the time of the hearing.

### Glossary of Acronyms, Abbreviations, and other Terms

Contra Costa County has a policy of making limited use of acronyms, abbreviations, and industry-specific language in its Board of Supervisors meetings and written materials. For a list of commonly used language that may appear in oral presentations and written materials associated with Board meetings, please visit <https://www.contracosta.ca.gov/8464/Glossary-of-Agenda-Acronyms>.



# CONTRA COSTA COUNTY

1025 ESCOBAR STREET  
MARTINEZ, CA 94553

## Staff Report

**File #:** 24-0978

**Agenda Date:** 4/9/2024

**Agenda #:** D.1

**To:** Board of Directors

**From:** Lewis Broschard, Chief, Contra Costa County Fire Protection District

**Report Title:** Emergency Ambulance Service Fees effective May 9, 2024

☒ Recommendation of the County Administrator ☐ Recommendation of Board Committee

### RECOMMENDATIONS:

- A. OPEN the public hearing on Ordinance No. 2024-10, an ordinance authorizing the Contra Costa County Fire Protection District to increase its emergency ambulance service fees effective May 9, 2024.
- B. RECEIVE testimony and CLOSE the public hearing.
- C. ADOPT Ordinance No. 2024-10.

### FISCAL IMPACT:

This Ordinance will allow the Contra Costa County Fire Protection District to recover the increased costs associated with the provision of emergency ambulance services in Emergency Response Areas (ERAs) 1, 2, and 5 within Contra Costa County beginning May 9, 2024.

### BACKGROUND:

The Emergency Ambulance Services contract between Contra Costa County and the Contra Costa County Fire Protection District ("District") establishes the rates the District is authorized to charge for providing emergency ambulance services (the "Ambulance Contract").

The District currently charges Emergency Ambulance Services patients the following amounts: Emergency Ambulance Response Base Rate of \$2,868.68; a Mileage Rate of \$69.34 for each mile traveled with a loaded patient; an Oxygen Administration Charge of \$240.46; and \$615.12 for Treat and Refused Transport. The District is not authorized to charge more or less than the rates specified in the Ambulance Contract. The current rates became effective May 1, 2023.

Ambulance system costs include, but are not limited to, payments to the District's subcontractor American Medical Response West ("AMR"), billing service provider payments, acquisition of ambulance vehicles and equipment, dispatcher wages and benefits, administrative wages and benefits, system software and hardware upgrades, consulting fees, banking fees, and other costs. The largest cost driver in the ambulance system is payments to AMR. These payments to AMR account for over 80% of system costs.

The Emergency Ambulance Services contract between the District and AMR (the "Ambulance Subcontract")

establishes the hourly ambulance unit rates the District pays AMR for providing emergency ambulance services. The Ambulance Subcontract requires the hourly rates paid by the District to AMR to increase annually. Beginning May 1, 2021, and on each May 1 thereafter, the unit hours' rates will increase will by the greater of (i) the percentage increase in CPI, or (ii) three percent (3%).

Factors that impact transport collections include transport volume, services provided (e.g., mileage and oxygen), payer mix, payment caps, and potential changes to the Affordable Care Act and other relevant legislation. Commercial payers will mainly pay the increased rates, while factors such as payment caps for Medicare and Medi-Cal will limit the transport collection for those payers. Therefore, in order for the AMR ambulance unit hour rate increase to be cost neutral, the rates charged by the District for ambulance service must increase by an amount greater than the CPI.

The Ambulance Contract requires the Contra Costa County EMS Agency to approve annual increases to the Service Rate Schedule when requested by the District. Effective May 12, 2020, the Ambulance Contract allows for the preceding year's rates to be increased annually by the greater of five percent (5%), or the average CPI for the most recent and available three-year period, divided by the following: the average dollar amount received by the District from non-public payers for the most recent three-year billing period (excluding billings that are less than six months old) divided by the average dollar amount received by the District from all payers for the most recent three-year billing period (excluding billings that are less than six months old), provided that no such increase shall exceed nine percent (9%).

Applying a five point six percent (5.6%) increase to the Service Rate Schedule results in the following rates: Emergency Ambulance Response Base Rate of \$3,029.33; Mileage Rate of \$73.22 for each mile traveled with a loaded patient; Oxygen Administration Charge of \$253.93; and, a Treat and Refused Transport fee of \$649.57.

If approved by the District Board of Directors, these rates will go into effect on May 9, 2024.

#### **CONSEQUENCE OF NEGATIVE ACTION:**

If Ordinance No. 2024-10 is not adopted, the District will not be able to recover the increased costs of providing emergency ambulance services under its contract with the County and AMR.



**ORDINANCE NO. 2024-10**  
(Uncodified)

**COST RECOVERY ORDINANCE FOR EMERGENCY AMBULANCE SERVICES**

The Contra Costa County Board of Supervisors, as and constituting the Board of Directors of the Contra Costa County Fire Protection District, ordains as follows:

**SECTION I. Authority.** This ordinance is enacted pursuant to Health and Safety Code sections 13910 through 13919.

**SECTION II. Findings and Purpose.**

- A. Effective January 1, 2016, the Contra Costa County Fire Protection District (the “District”) began providing Emergency Ambulance Services in Emergency Response Areas 1, 2 and 5 of Contra Costa County (the “Service Area”) pursuant to the Emergency Ambulance Services contract (the “Ambulance Contract”), between Contra Costa County (the “County”) and the District.
- B. Under the Ambulance Contract, the District is required to employ all resources necessary to continuously provide Emergency Ambulance Services to persons in the Service Area 24 hours a day, every day, when requested by an emergency medical dispatch center.
- C. The District does not possess the infrastructure or personnel necessary to directly perform the Emergency Ambulance Services required under the Ambulance Contract. American Medical Response West (the “Ambulance Services Subcontractor”) provides Emergency Ambulance Services in the Service Area on the District’s behalf under a subcontract with the District (the “Ambulance Subcontract”).
- D. The District responds to a high volume of calls for Emergency Ambulance Services through its Ambulance Services Subcontractor, which deploys personnel to incidents and provides Emergency Ambulance Services treatment and transport to persons at those incidents.
- E. The Ambulance Contract sets the rates the District is authorized to charge for providing Emergency Ambulance Services. The District currently charges Emergency Ambulance Services patients the following amounts: (1) an Emergency Ambulance Response base rate of \$2,868.68; (2) a mileage rate (for each mile traveled with a loaded patient) of \$69.34 per mile; (3) an oxygen administration charge of \$240.46; and (4) a treat and refused transport charge (if applicable) of \$615.12.
- F. The Ambulance Contract requires the County, when requested by the District, to increase the previous rates by the greater of (i) and (ii):
  - (i) A percentage calculated as follows: The average Consumer Price Index, All Urban Consumers for Medical Care (U.S. city average) (1982-84=100) (“Medical CPI”) for the most recent and available three-year period, divided by the following: the average dollar amount received by the District from non-public payers for the most recent three-year billing period (excluding billings that are less than six (6) months old) divided by the

average dollar amount received by the District from all payers for the most recent three-year billing period (excluding billings that are less than six (6) months old). For example purposes only, if the average CPI for the most recent three-year period is 3%, and the average amount the District received from non-public payers for the most recent three-year period (excluding billings that are less than six (6) months old) is \$27,000,00, and the average dollar amount received by the District from all payers for the most recent three-year period (excluding billings that are less than six (6) months old) is \$47,000,000, then the percentage would be 5.22%, calculated as follows:  $.03/(\$27,000,000/\$47,000,000)$ .

- (ii) Five percent (5%),

Notwithstanding the foregoing, in no event shall the maximum increase exceed nine percent (9%).

- G. The Ambulance Subcontract requires the hourly rates paid by the District to the Ambulance Services Subcontractor to increase annually by the greater of (i) the percentage increase in CPI, and (ii) three percent (3%).
- H. The District has reasonably calculated its costs of providing Emergency Ambulance Services to persons at an incident. These costs include the District's costs of its Ambulance Services Subcontractor, the costs of its billing and collections subcontractor, and the cost of District staff to provide Emergency Ambulance Services on a per-patient basis. The Emergency Ambulance Services fees established by this ordinance are calculated based on the District's actual costs of providing Emergency Ambulance Services on a per-patient basis.

**SECTION III. Definitions.** For purposes of this ordinance, the following terms have the following meanings:

- (a) "ALS" means advanced life support emergency medical services designed to provide definitive prehospital emergency medical care that are administered by authorized personnel (i) under the direct supervision of a facility designated by Contra Costa County Emergency Medical Services Agency ("CCCEMSA") pursuant to Health and Safety Code section 1798.100, or (ii) by utilizing approved prehospital treatment protocols or standing orders as part of the County EMS system, and which are administered at the scene of an emergency, during transport to an acute care hospital or other approved facility, during inter-facility transfers, and while in the emergency department of an acute care hospital until responsibility is assumed by the emergency department or other medical staff of that hospital. ALS may include, without limitation, cardiopulmonary resuscitation, cardiac monitoring, cardiac defibrillation, advanced airway management, intravenous therapy, administration of specified drugs, and other medicinal preparations, and other specified techniques and procedures.
- (b) "BLS" means basic life support emergency medical services including, but not limited to, emergency first aid and cardiopulmonary resuscitation medical care procedures which, as a minimum, include recognizing respiratory and cardiac arrest and starting proper application of cardiopulmonary resuscitation to maintain life without invasive techniques, unless authorized

by state law or regulation, until the victim may be transported or until ALS medical care is available.

- (c) “Emergency Ambulance Services” means emergency ambulance services involving the administration of ALS, BLS, or critical care transport, provided in response to 911 calls and/or requests for emergency medical services through a public safety agency where 911 calls are first received for a particular jurisdiction, or prehospital emergency calls received directly by the District.

#### **SECTION IV. Emergency Ambulance Services Fees.**

- (a) The Emergency Ambulance Services fees to recover the District’s actual costs of providing Emergency Ambulance Services to each patient are established in the amount specified in Exhibit A attached hereto and incorporated herein.
- (b) The Emergency Ambulance Services fees shall be charged to each person who receives District Emergency Ambulance Services during a single incident.
- (c) The District Board of Directors (the “Board”) may adjust the amount of the Emergency Ambulance Services fees established by this ordinance pursuant to Health and Safety Code section 13916.

#### **SECTION V. Fee Collection.**

- (a) If the District provides Emergency Ambulance Services to a person through its Ambulance Services Subcontractor, the Fire Chief, or designee, including the District’s Emergency Ambulance Services billing subcontractor, will send an invoice seeking payment of the Emergency Ambulance Services fees to the person, and to the insurance company that provides medical insurance coverage for the person (the “Insurer”) if the person or his or her representative has identified to the District or to its Ambulance Services Subcontractor the Insurer to which the invoice should be sent.
- (b) The Fire Chief, or designee, has approved and adopted policies and procedures for invoicing, billing, and receiving payments for each Emergency Ambulance Services fee charged under this ordinance. The policies and procedures include a process to discharge from accountability accounts that are not collectible.

**SECTION VI. No Effect on Emergency Ambulance Services.** This ordinance neither expands nor limits Emergency Ambulance Services. Nothing in this ordinance relieves the District from providing Emergency Ambulance Services. Emergency Ambulance Services will continue to be provided without regard to whether a person is insured by an Insurer, and without regard to whether a person has the ability to pay the Emergency Ambulance Services fees.

**SECTION VII. No Waiver of Other Means of Cost Recovery.** This ordinance does not preclude the District from recovering its Emergency Ambulance Services costs in any other manner authorized by law.

**SECTION VIII. Severability.** If any fee or provision of this ordinance is held invalid or unenforceable by a court of competent jurisdiction, that holding shall not affect the validity or enforceability of the remaining fees or provisions, and the Board declares that it would have adopted each remaining part of this ordinance irrespective of any such invalidity.

**SECTION IX. Effective Date.** This ordinance becomes effective on May 9, 2024. Within 15 days after its passage, this ordinance shall be published once with the names of the directors voting for and against it in the East Bay Times, a newspaper published in this County.

PASSED ON \_\_\_\_\_ by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

ATTEST: MONICA NINO,  
Clerk of the Board of Supervisors  
and County Administrator

\_\_\_\_\_  
Board Chair

By: \_\_\_\_\_  
Deputy

[SEAL]

Exhibit A

**Emergency Ambulance Services Fee Calculation**

For each Emergency Ambulance Service call, District shall charge the patient the Emergency Ambulance Response Base Rate, plus mileage costs at the Mileage Rate. If oxygen is administered to a patient, District shall charge the patient the Oxygen Administration Charge, whether transported or not. If a patient is treated and refuses transport, District shall charge the Treat and Refused Transport rate.

- |  |            |
|--|------------|
| 1. Emergency Ambulance Response Base Rate.....                       | \$3,029.33 |
| 2. Mileage Rate (for each mile traveled with a loaded patient) ..... | \$73.22    |
| 3. Oxygen Administration Charge.....                                 | \$253.93   |
| 4. Treat and Refused Transport .....                                 | \$649.57   |



# CONTRA COSTA COUNTY

1025 ESCOBAR STREET  
MARTINEZ, CA 94553

## Staff Report

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**File #:** 24-0979

**Agenda Date:** 4/9/2024

**Agenda #:** D.2

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**To:** Board of Directors

**From:** Lewis Broschard, Chief, Contra Costa County Fire Protection District

**Report Title:** Fire Chief's Report - April 9, 2024

☒ Recommendation of the County Administrator ☐ Recommendation of Board Committee

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### RECOMMENDATIONS:

ACCEPT a report from the Fire Chief providing a status summary for ongoing Fire District activities and initiatives.

### FISCAL IMPACT:

No fiscal impact.

### BACKGROUND:

At the request of the Contra Costa County Fire Protection District Board of Directors, the Fire Chief is providing a report on the status and progress of the various District initiatives.

### CONSEQUENCE OF NEGATIVE ACTION:

The Board would not receive the most up-to-date information regarding ongoing Fire District activities and initiatives.



## CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT

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April 9, 2024

TO: Board of Directors

FROM: Lewis Broschard, Fire Chief

RE: Fire Chief's Report

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### **Operations Section Update**

#### **Field Operations**

- Two new Assistant Fire Chiefs were promoted to fill vacancies created by recent retirements.
  - Chief Dominic Ciotola boasts an impressive 32 years with the District, beginning his journey as a 19-year-old reserve firefighter with our predecessor agency, Contra Costa Consolidated Fire Protection District, and then getting hired full-time by the former Riverview Fire Protection District in 1991. He has ascended through the ranks, demonstrating exceptional leadership and expertise. Chief Ciotola has served in the very first group of paramedics in our District; he has valuable experience as a truck officer and has contributed significantly during his 12-year tenure as a Chief Officer, notably in policy development as the lead of the truck committee.
  - Chief Whit MacDonald brings 17 years of dedicated service to our District, following his service in the United States Coast Guard. His contributions have been instrumental, particularly in expanding our District's marine program, and he currently serves as the chairperson for the Statewide FIREScope marine group.



- Two new Battalion Chiefs were promoted to fill the vacancies created by the aforementioned promotions. Chief Andy Bozzo has over 20 years of fire service experience with 17 of those years in our District. Chief Bozzo has been involved in the rescue program and is one of the co-founders of Tablet Command, an innovative tablet-based fireground accountability and tracking tool now used in many fire departments across the country. Chief Dennis Buchholtz, a veteran of the Marine Corps, recently celebrated 20 years of service with the District and was most recently a Fire Captain serving at Fire Station 10 in Concord and Fire Station 70 in San Pablo.



- Significant incidents in March included:
  - A commercial fire at the Food Max in San Pablo. The fire was started in an aisle of snack food, progressed quickly, but was ultimately held in check by the automatic sprinklers until firefighters could extinguish it. The store suffered smoke damage, but property loss was kept to a minimum.
  - A significant vehicle accident occurred March 15 on Vasco Road with numerous cars involved, two of which caught fire. There were a total of five patients and three air ambulances were dispatched to the incident.
  - A residence was gutted as a result of an illegal marijuana grow operation in Antioch. The illegal marijuana grow operations are just as prevalent now as they were before the legalization of marijuana. These incidents require separate strategy and tactics to extinguish the fire and ensure the safety of firefighters during operations due to the extensive illegal renovations inside these homes to support the grow operation. There were no injuries reported.
  - An out-of-season vegetation fire consumed almost 20 acres of marsh and tidal land in Antioch, just northwest of downtown. The stubborn three alarm fire took hours to bring under control, sending thick black smoke into the sky throughout the incident. Luckily there was very little wind and what wind there was took the smoke out and over the water away from homes and businesses. The cause is under investigation.



- Crews assisted in rescuing a small child from a tree. The 3 year old managed to climb almost 20 feet up a large tree before needing to be rescued. He was all smiles when firefighters got him to the ground.



#### Training and Safety Division

- The operations section staff Chief Officers attended a three day leadership symposium in Portland, Oregon.
- Organizational DEI training was completed in March.
- Academy 60 is in week 12 and progressing well with 13 firefighter recruits. We anticipate the academy to be completed by the end of May.
- Personnel assigned to stations with Utility Task Vehicles (UTV) completed off-road driver training. UTVs are used for remote area rescues and hand crew operations.

#### Emergency Medical Services (EMS) Division

- An additional registered nurse was hired to assist with quality improvement oversight and training. This is the second nurse hired this fiscal year to work toward improving overall EMS contract compliance and quality of care.
- Fitch and Associates was hired to audit our emergency ambulance deployment model to identify additional methods to measure response time compliance given the current state of hospital delays and EMS system wide constraints.

- A tentative agreement was reached with American Medical Response to be our Alliance subcontractor in anticipation of the District submitting a bid on the County's Emergency Ambulance RFP later this year.
- Stryker Power Load gurney systems were installed in 60 ambulances to assist crews with loading gurneys into the ambulances. This represents a significant capital investment to reduce back injuries and other issues related to lifting gurneys into the back of ambulances.
- Twelve firefighters continue to progress through their paramedic training at Contra Costa College in San Pablo. The need to increase paramedics without improved external recruitment is assisted by this new program at the college and represents a valuable addition in our effort to maintain paramedic service at the District.

### Special Operations

- The purchase order was finally secured for the additional fire/rescue boat that will eventually service the area of Discovery Bay. Estimated two year delivery time.

## **Advanced Planning Section Update**

### Fire Prevention Bureau

- The Bureau recently hired two new Fire Inspector I's which have been training under the supervision of the Training Captain. We anticipate these personnel to be in the field in mid-April.
- Wildfire mitigation and fuel reduction work continues with Crew 12 and Powers Forestry working on projects submitted in the public web-based portal for the CCC Wildfire Mitigation Program.
- The Lafayette/Walnut Creek Shaded Fuel Break has completed almost 70 acres in the first 60 days. The contractor is chipping onsite where they have access to the chipper. In limited access areas based on terrain, pile burning will start in April with the assistance of Crew 12. We are currently working on all the permits required for pile burning.

## **Administration Section Update**

### **Support Services Division**

- The Fire Station 14 apparatus bay and front driveway replacement project began last week. The District anticipates this project will take three months to complete. Fire Station 14 in Martinez is temporarily closed while this work occurs. The truck and engine from Fire Station 14 have been temporarily relocated to Station 12 in Martinez. Station 12 was previously occupied by the District's handcrew. In preparation for this project, the handcrew moved to the Byron Wildland Fire Center (formerly known as the Byron Boys Ranch) a few weeks ago.
- The emergency generator replacement projects at Fire Station 2 (Pleasant Hill) and Fire Station 81 (Antioch) have begun. The District anticipates the project to be completed by the beginning of June.
- The District is in the process of replacing the roofs at Fire Stations 10 (Concord) and Fire Station 5 (Pleasant Hill). The contractor started the installation of the roof at Fire Station 10 a few weeks ago. Once complete, the contractor will move to Fire Station 5.
- The first of the two tillered ladder trucks involved in accidents has been repaired and was delivered to the District last week. The second truck involved in an accident in Arizona has been repaired and was inspected at the Pierce Manufacturing facility by District shop personnel last week.

### **Fire Stations / Facilities Construction**

- Fire Station 94, Brentwood: The design concept drawings (bridging documents) are complete. The request for proposals (RFP) for the design-build teams was released, and three teams have been identified who will be providing proposals for construction. Staff worked with the City of Brentwood to allow temporary parking on First Street until we are under construction.
- Fire Station 90, Brentwood: The CEQA process has revealed significant contamination levels on the site that will prevent construction unless mitigated and the site cleaned up. Testing indicates toxic products consistent with historic agricultural use. The early estimates are \$6-\$10 million for complete mitigation and site cleanup. Additionally, long lead times are required to obtain multiple permits from State and Regional authorities. This project has now been separated from the Fire Station 94 project so the downtown station can continue as planned. It is now necessary to evaluate alternative sites. In the long term, state grants are available to clean up the current Fire Station 90 site. Staff is working with County Real Estate to identify alternative sites.
- CCR FCC—Contra Costa Regional Fire Communication Center—Pleasant Hill: The project is out for bid. Staff will work with public works capital projects to develop construction contracts with the successful bidder and return to the Board for award. Construction will commence with a public ground-breaking ceremony.

Public Information Office

- Our PIO Team is expanding its reach and becoming more of a presence on social media and in the county. Lauren Ono and Capt. Toler has standardized the fire district messaging during emergency incidents. They have also helped expand and craft the fire district's external non-emergency messaging.
  
- The PIO office has teamed up with other county agencies to produce social media content. The team looks forward to starting The Contra Costa Fire video blog (vlog) very soon. The vlog content created will serve as content for the Fire District's social media accounts as well as content for the county's very own CCTV.



# CONTRA COSTA COUNTY

1025 ESCOBAR STREET  
MARTINEZ, CA 94553

## Staff Report

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**File #:** 24-0980

**Agenda Date:** 4/9/2024

**Agenda #:** D.3

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**To:** Board of Directors

**From:** Lewis Broschard, Chief, Contra Costa County Fire Protection District

**Report Title:** Report on CAL FIRE Subdivision Review Program, Fire Hazard Severity Zone Program, and Wildfire Risk Mitigation and Potential Insurance Impacts

☒ Recommendation of the County Administrator ☐ Recommendation of Board Committee

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### RECOMMENDATIONS:

RECEIVE a report on CAL FIRE Subdivision Review Program, Fire Hazard Severity Zone Program, and Wildfire Risk Mitigation and Potential Insurance Impacts.

### FISCAL IMPACT:

There is no fiscal impact associated with receiving this report.

### BACKGROUND:

Pursuant to legislation passed in 2018 (AB 2911), the California Department of Forestry and Fire Protection (CAL FIRE) and the Board of Forestry were charged with carrying out the identification of subdivisions, located in State Responsibility Areas or very high fire hazard severity zones in the Local Responsibility Area, with more than 30 dwelling units where there is only one means of egress, or egress roadway, from the subdivision. There were more than 30 subdivisions identified in Contra Costa County. The Board of Forestry ultimately reviewed these subdivisions and published recommendations for mitigating risks for each of the identified subdivisions.

In 2007, CAL FIRE published the initial set of fire hazard severity zone maps. The first revision, on a statewide basis, is still in process with the State Responsibility Areas having been finalized in early 2024 and the Local Responsibility Area review and publication still pending. The determination of fire hazard rating with these maps has impacts related to certain development issues, general plans of cities and counties, as well as building and fire code regulations.

Wildfire risk mitigation efforts vary from individual property specific mitigations up to community-wide programs to reduce the potential for property and life loss in the event of a wildfire. Many strategies are now being discussed as a means to influence risk based underwriting decisions and reduce policy cancellations by property insurance providers. Fire Chief Dave Winnacker of the Moraga-Orinda Fire Protection District will discuss these concepts and the challenges faced in the current property insurance and wildfire mitigation environment.

**CONSEQUENCE OF NEGATIVE ACTION:**

If the board does not receive the report they will not have the latest updates on these important regulatory issues.



# BOARD OF DIRECTORS

## APRIL 9, 2024

- Subdivision Review Program
- Fire Hazard Severity Zones
- Wildfire Risk Mitigation and Reporting



# CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT

## FIRE • RESCUE • EMS

## TERMINOLOGY

- FHSZ- Fire Hazard Severity Zones
  - Moderate, High, Very High
- Primary Fiscal Responsibility for Fire
  - LRA- Local Responsibility Area
  - SRA- State Responsibility Area
  - FRA- Federal Responsibility Area





# CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT FIRE • RESCUE • EMS

## SUBDIVISION REVIEW PROGRAM

1. AB 2911 (2018)- Adds 4290.5 to Public Resources Code
2. Identify subdivisions with 30 more dwelling units.
3. Makes Recommendations such as:
  - Create Secondary Access
  - Improvements to the existing access road
  - Other additional fire safety measures

<https://calfire-forestry.maps.arcgis.com/apps/webappviewer/index.html?id=a045e9e9c01c4dd7abdf14ad30646eaf>



# CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT FIRE • RESCUE • EMS

## FIRE HAZARD SEVERITY ZONES

- SRA Zones
  - Published September 2023
  - Moderate - High – Very High
- LRA - Local Responsibility Area
  - In development
  - No ETA

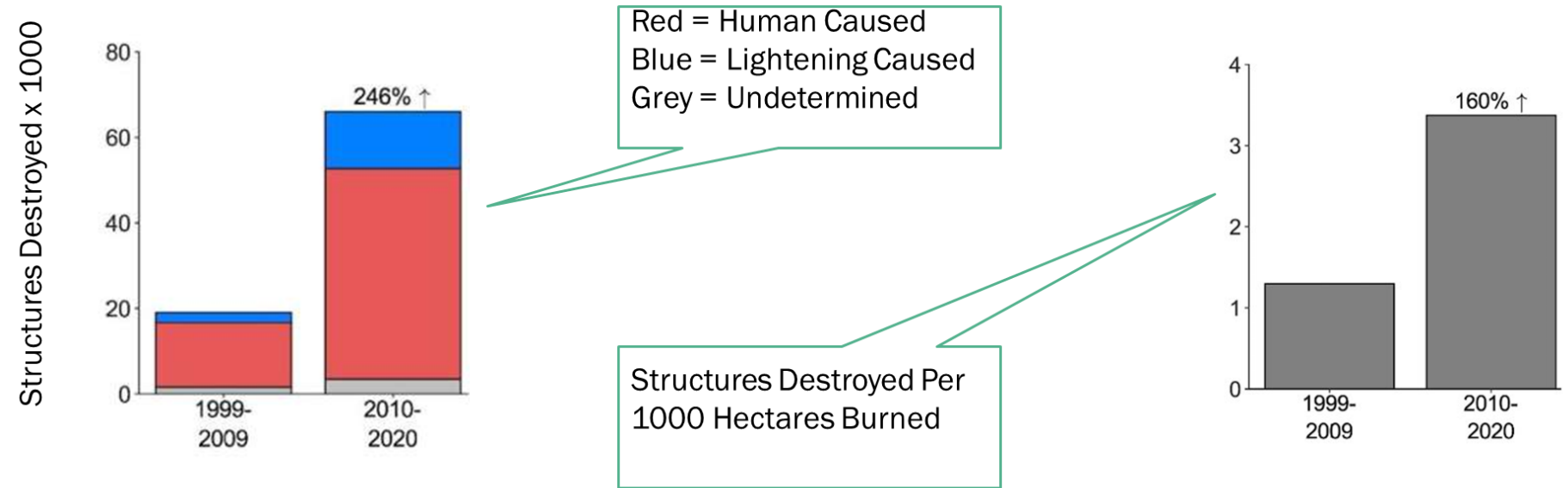
<https://calfire-forestry.maps.arcgis.com/apps/webappviewer/index.html?id=988d431a42b242b29d89597ab693d008>



# Wildfire Risk Mitigation & Reporting

Dave Winnacker  
CALChiefs WUI Task Force

# We are Responding to Unprecedented Environmental and Property Losses



Source: <https://phys.org/news/2023-02-western-wildfires-destroyed-homes-decade.html>



# Why Are We Here

- Aprox 4.4 Million Acres Burned in California per Year Pre-European Period\*
  - 3-5 Year Grass/Brush Fire Cycle
  - 25 Year Forest Fire Cycle
- 2017/2018 and 2020/21 Approached Lower End Historical Average Acres Burned
- 3 Million Homes with 11 Million Occupants built in the WUI
  - 1.7-2 Million of These are in Very High or High Hazard Areas
  - 20,000 Homes Burned in 2018
  - 100+ Deaths
  - Few homes in the WUI are built to 2008 Ember Resistant Construction Standards
    - 52% of these homes survived the Camp Fire
- Climate Change has Compressed the Historical Rainy Season



# Prehistoric fire area and emissions from California's forests, woodlands, shrublands, and grasslands

Scott L. Stephens<sup>\*</sup>, Robert E. Martin, Nicholas E. Clinton

*Division of Ecosystem Science, Department of Environmental Science, Policy, and Management, 137 Mulford Hall,  
University of California, Berkeley, CA 94720-3114, USA*

Received 16 February 2007; received in revised form 2 June 2007; accepted 6 June 2007

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## Abstract

In the majority of US political settings wildland fire is still discussed as a negative force. Lacking from current wildfire discussions are estimates of the spatial extent of fire and their resultant emissions before the influences of Euro-American settlement and this is the focus of this work. We summarize the literature on fire history (fire rotation and fire return intervals) and past Native American burning practices to estimate past fire occurrence by vegetation type. Once past fire intervals were established they were divided into the area of each corresponding vegetation type to arrive at estimates of area burned annually. Finally, the First Order Fire Effects Model was used to estimate emissions. Approximately 1.8 million ha burned annually in California prehistorically (pre 1800). Our estimate of prehistoric annual area burned in California is 88% of the total annual wildfire area in the entire US during a decade (1994–2004) characterized as “extreme” regarding wildfires. The idea that US wildfire area of approximately two million ha annually is extreme is certainly a 20th or 21st century perspective. Skies were likely smoky much of the summer and fall in California during the prehistoric period. Increasing the spatial extent of fire in California is an important management objective. The best methods to significantly increase the area burned is to increase the use of wildland fire use (WFU) and appropriate management response (AMR) suppression fire in remote areas. Political support for increased use of WFU and AMR needs to occur at local, state, and federal levels because increasing the spatial scale of fire will increase smoke and inevitability, a few WFU or AMR fires will escape their predefined boundaries.

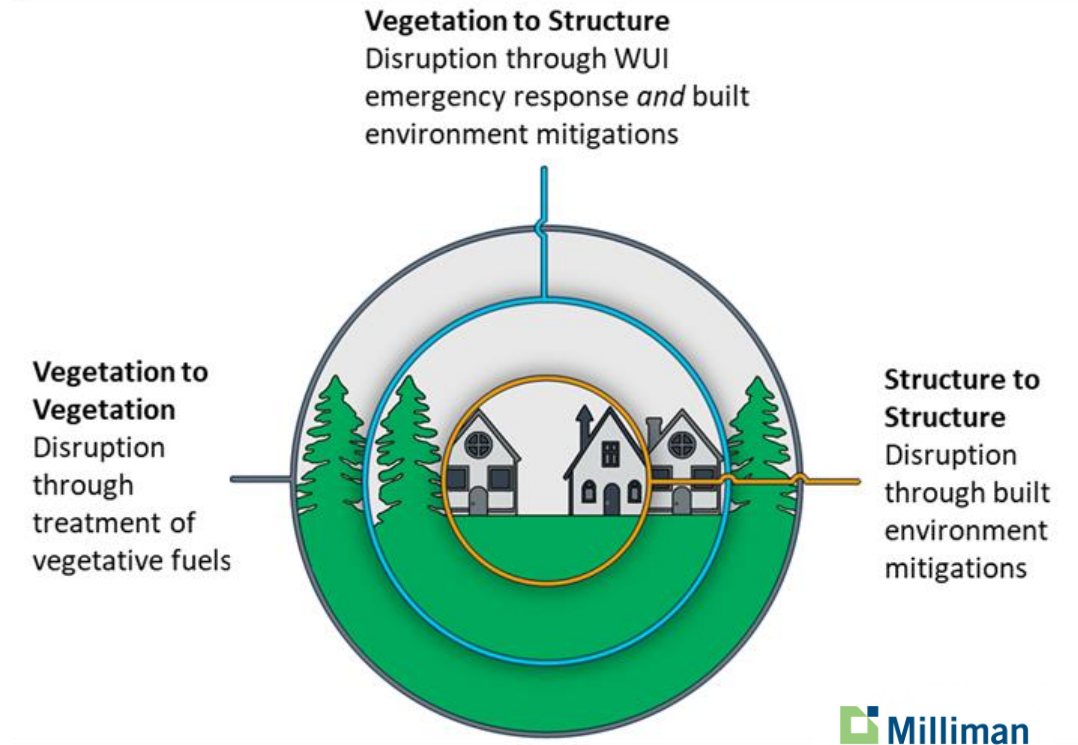
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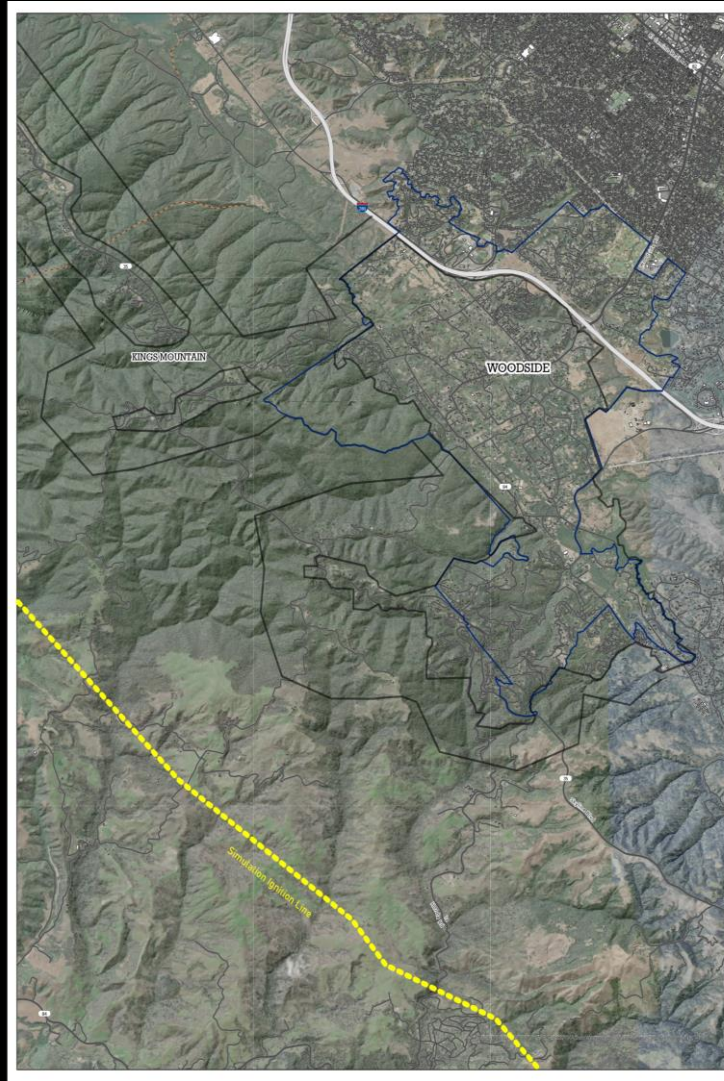
<sup>\*</sup>[chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.sierraforestlegacy.org/Resources/Conservation/FireForestEcology/FireScienceResearch/FireHistory/FireHistory-Stephens07.pdf](https://chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.sierraforestlegacy.org/Resources/Conservation/FireForestEcology/FireScienceResearch/FireHistory/FireHistory-Stephens07.pdf)



# Pathways

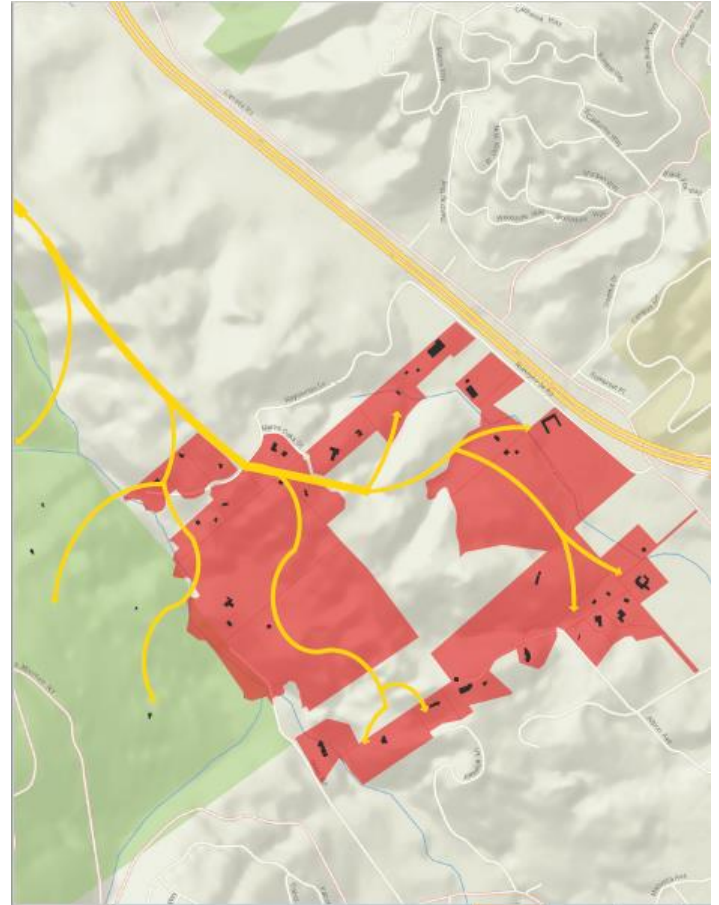
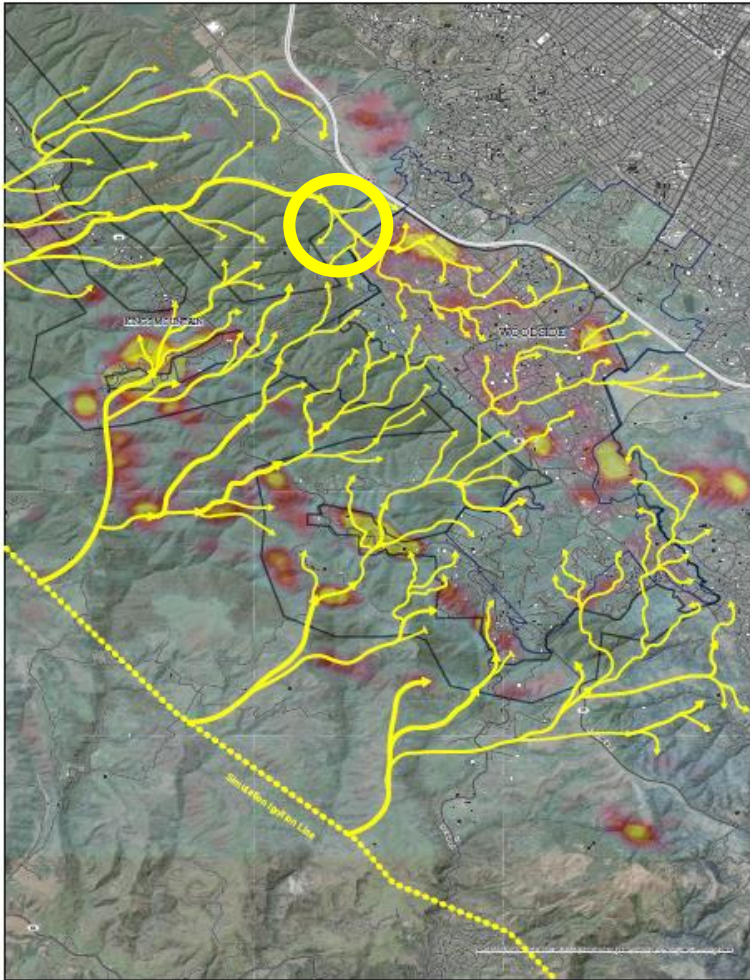
- Wildfire enters communities via (3) pathways
  - Veg to veg
  - Veg to structure
  - Structure to structure
- Our goal is to disrupt these pathways in verifiable ways
  - Fuel Treatments
  - Defensible Space
  - Home Hardening
  - WUI Suppression Response





[Animation Here:](#)





## MORAGA-ORINDA FIRE DISTRICT

[Animation Here:](#)



# Ember Resistant Construction

- State law requires the use of ember resistant construction in LRA VHFSZs
- MOFD enhanced this requirement through designation of WUI-Fire Areas by board action
- MOFD home hardening grant program encourages home hardening retrofits which cannot be required under the building code
  - Vents
  - Gutter guards
- [NIST TN 2205](#)
  - 1. Structure Construction
  - 2. Local Fire Intensity and Duration
  - 3. Ember Exposures



Removal of mulch and combustible vegetation within 2' of a home is intended to make our community like the right side of this example

An aerial view of a small, single-story house with a dark roof and two dormer windows. The house is surrounded by a circular concrete pad. A large, intense fire is burning in the mulch area to the left of the house, with flames reaching up to the roofline. The fire is bright orange and yellow. The house appears to be in a large, open area, possibly a fire station or a testing facility, with other structures and equipment visible in the background.

**10 minutes of ember exposure.**

Full videos showing ember caused fire in mulch:  
<https://ibhs.org/wildfire/wildfire-demo-2019/>  
<https://vimeo.com/79340385>





# Pathway Disruption Measures

- Fuel Breaks
- [SPLATS](#)
- Roadside Fuel Reduction
- WUI Fuel Reduction Zones/Extended Defensible Space
- Defensible Space and Home Ignition Zone mitigations/enforcement
  - Zone Zero/ IBHS Wildfire Prepared Home/ CDI Safer From Wildfire Framework
- Home Hardening Retrofits
  - Vents/ IBHS Wildfire Prepared Home/ CDI Safer from Wildfire Framework
- Integrated WUI Suppression Response

Well understood and established- Implementation is the greatest challenge



## MORAGA-ORINDA FIRE DISTRICT



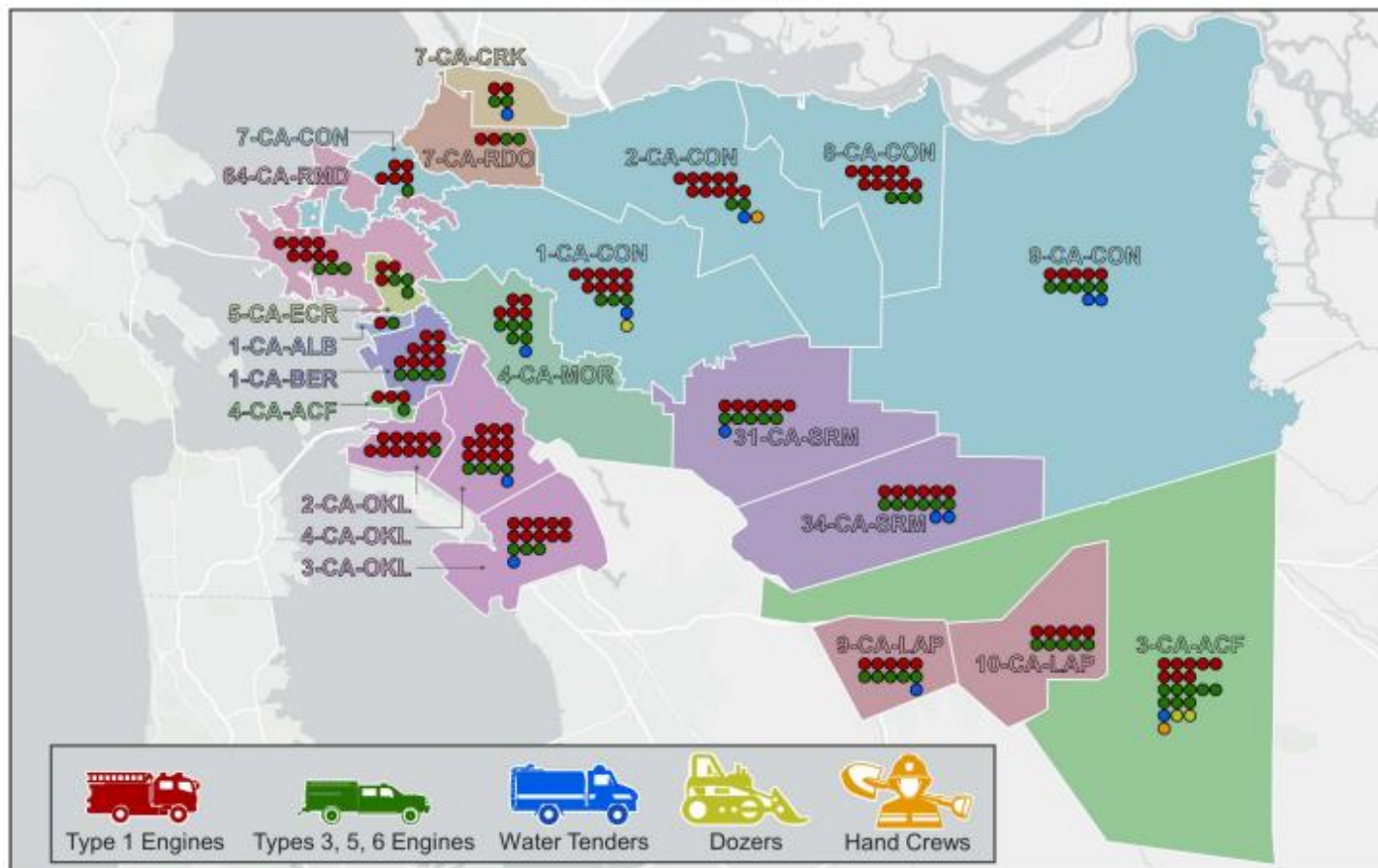


## MORAGA-ORINDA FIRE DISTRICT



# Fire Battalion Equipment Availability Contra Costa County

Map 3



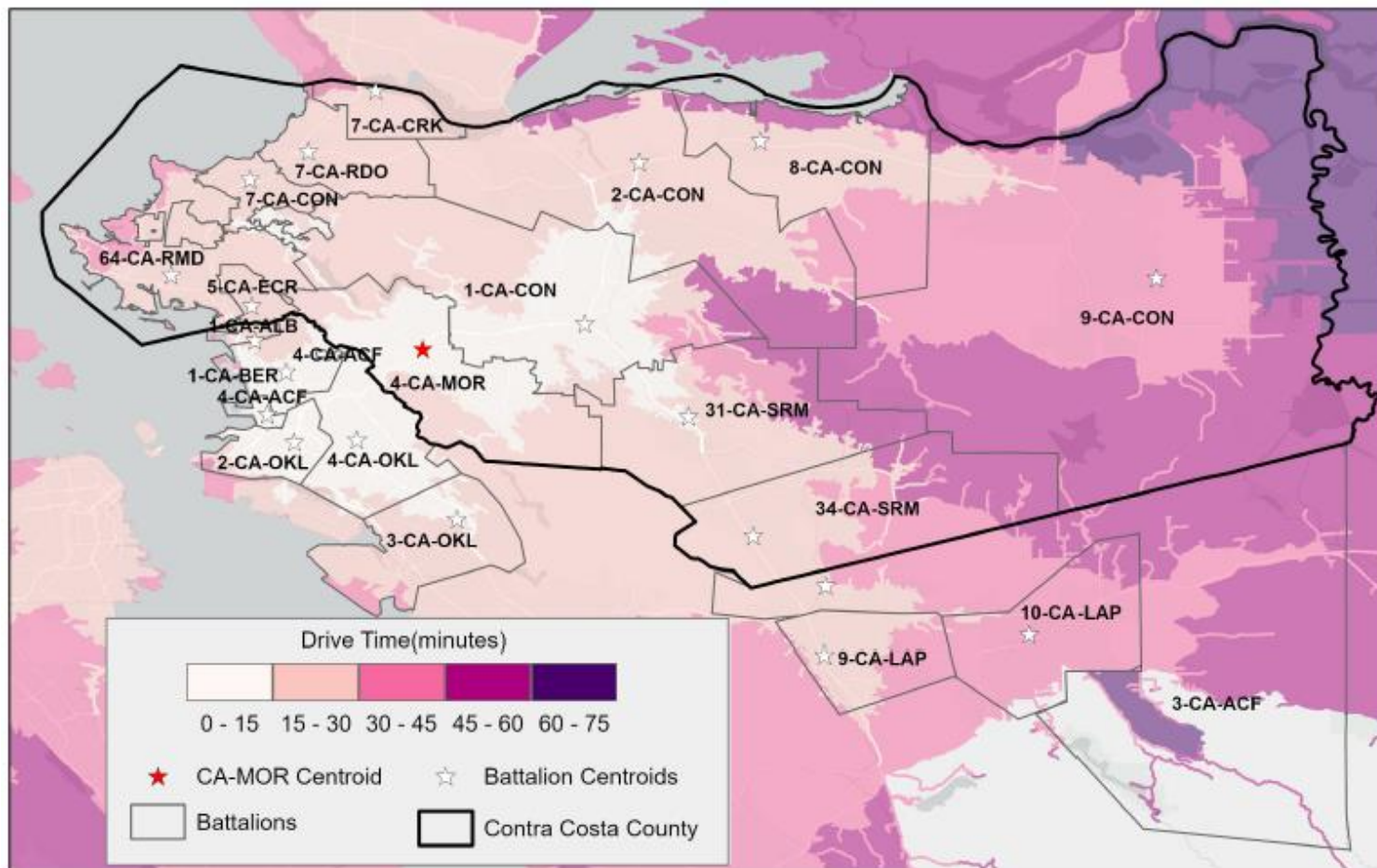
1. Colored circles on the map represent the total number of specific equipment as shown in the legend. Orange circles denote that hand crews are available for a given battalion, but do not show the total crew size. Battalions 3-CA-ACF and 2-CA-CON were both reported to have a total of 12 hand crew members available.
2. Fire engine totals represent staffed engines. Dozer and water tender totals represent total available equipment.





Drive Time Analysis to Moraga-Orinda FPD Battalion Centroid  
Contra Costa County

Map 3





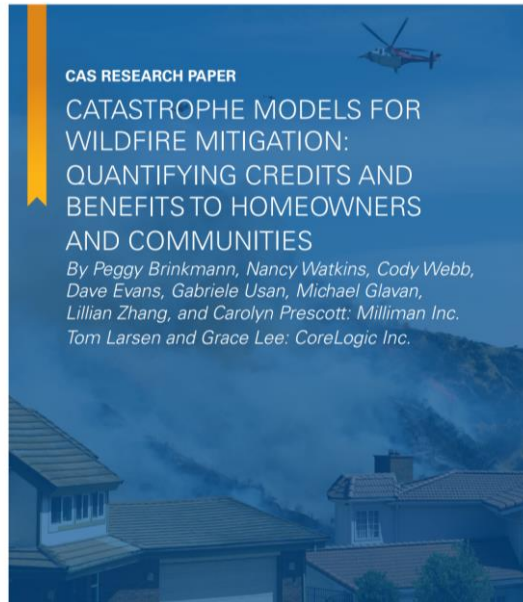


# Market Forces

- Insurance
  - Wildfire is largely abstract, but insurance is annual
  - Insurance risk is actually held by unregulated reinsurers
    - The market is under pressure
  - FAIR plan TIV increased 5x 2019-2022
- Mortgage Holders
  - Have 30 year investment in a parcel
  - Traditional indifference is changing
    - <http://faculty.haas.berkeley.edu/stanton/pdf/fire.pdf>
- Muni Bond Rating
  - Wildfire risk ~~can~~ will increase borrowing costs
- <https://www.hoover.org/news/hover-veteran-fellows-headline-program-mitigating-california-wildfire-risk>



# Market Forces



CoreLogic®



[Report Here:](#)

A MILLIMAN AND CORELOGIC REPORT  
Prepared with funding from the California Resilience Challenge Grant

## Town of Paradise California Resilience Challenge Task 1 to Task 4

Risk Reduction, Climate Change, and Insurance Premiums

April 2023

MILLIMAN  
Matt Chamberlain, FCAS, MAAA  
Robert Lee, FCAS, MAAA  
Taylor Dawson  
Nancy Watkins, FCAS, MAAA

CORELOGIC  
Karl David  
Tom Lee  
Ryan McElroy

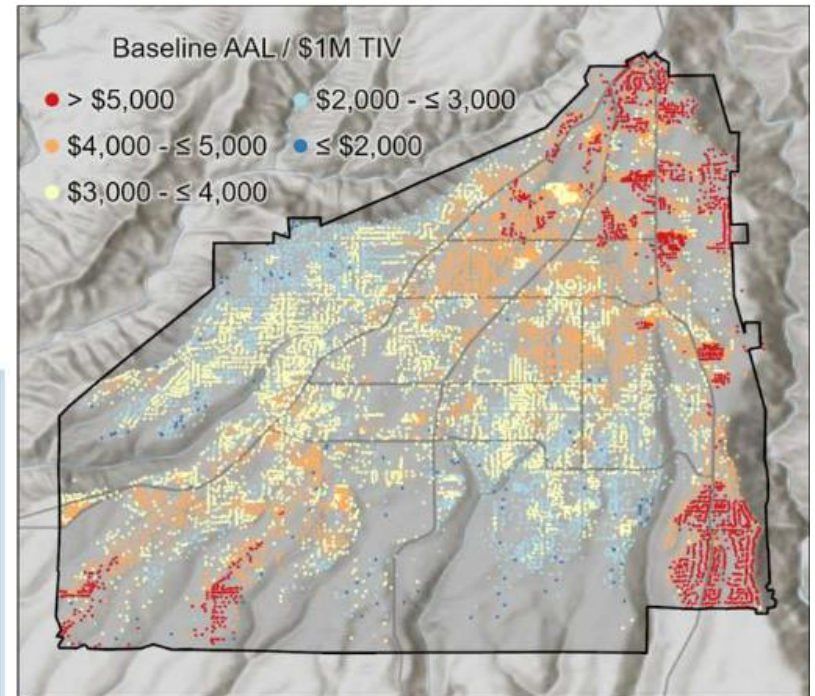
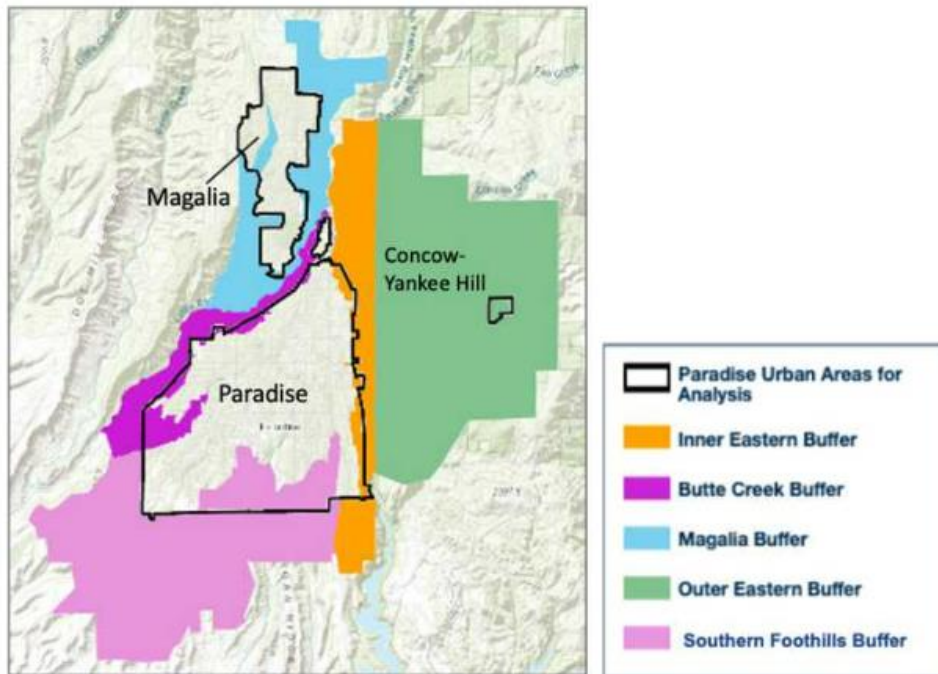


Milliman CoreLogic®

[Report Here:](#)



# Market Forces





# Market Forces

FIGURE 9A (LEFT): CHANGE IN AAL DUE TO BASE MITIGATION, IN PERCENTAGE OF BASELINE AAL  
FIGURE 9B (RIGHT): CHANGE IN AAL DUE TO BASE MITIGATION, IN DOLLARS

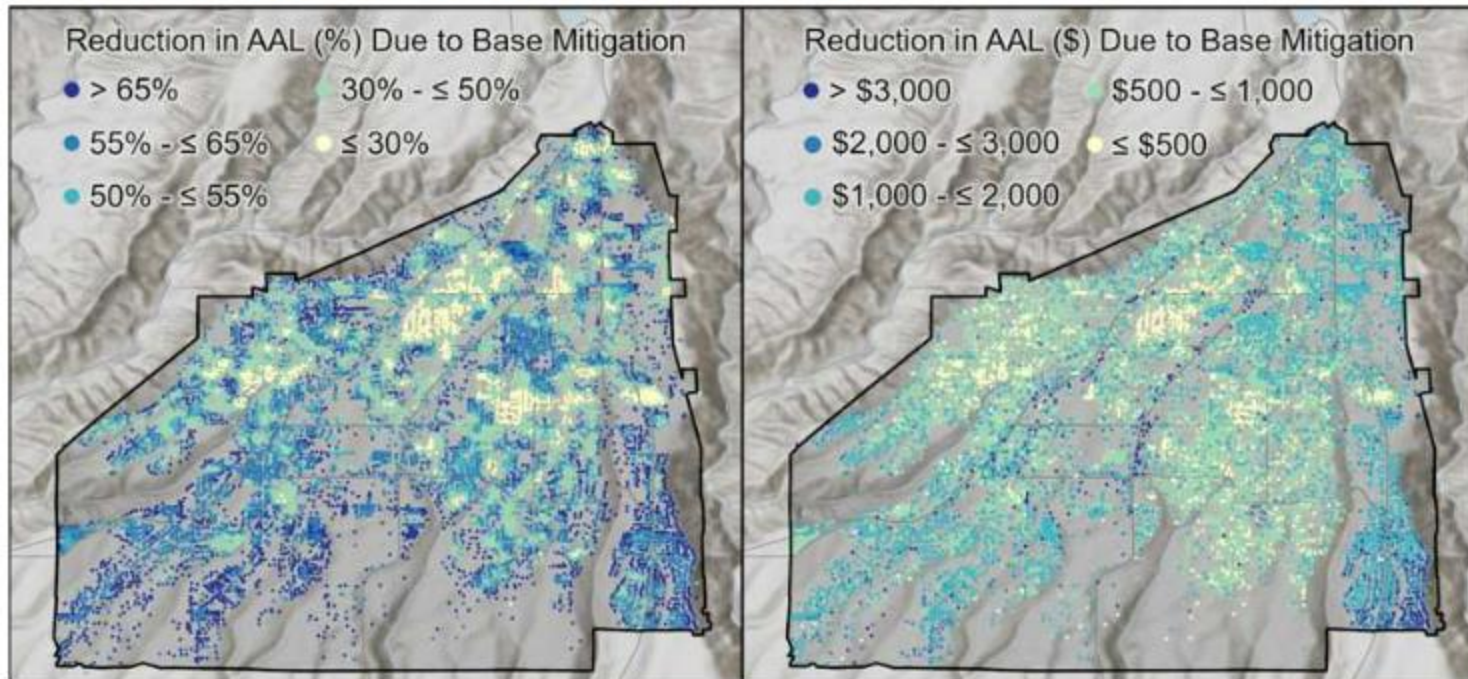
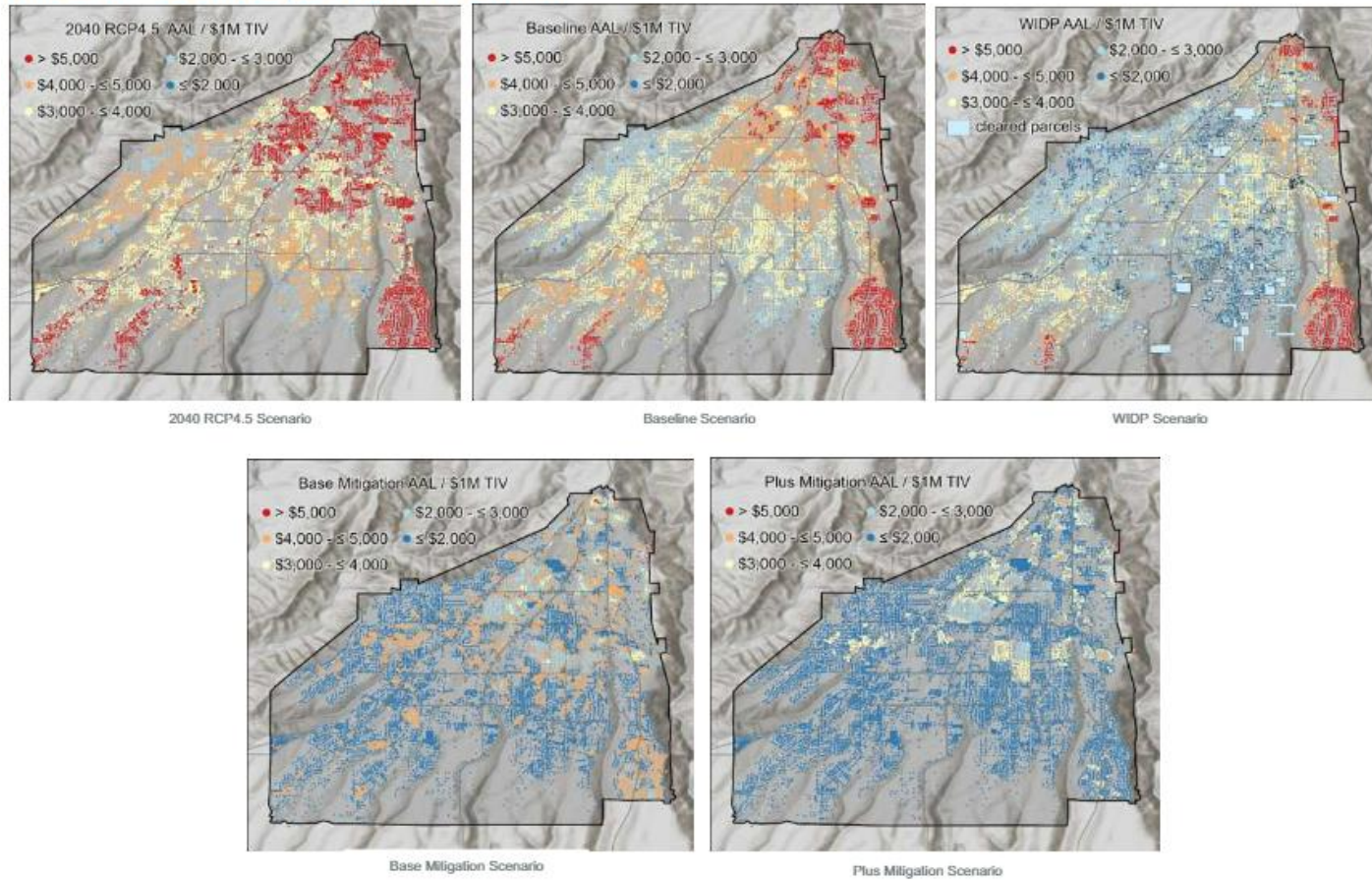






FIGURE 12: CORELOGIC V22.1 AAL / \$1M TIV FOR SELECTED SCENARIOS





# CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT FIRE • RESCUE • EMS

## QUESTIONS ?





# CONTRA COSTA COUNTY

1025 ESCOBAR STREET  
MARTINEZ, CA 94553

## Staff Report

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**File #:** 24-0966

**Agenda Date:** 4/9/2024

**Agenda #:** C.1

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**To:** Board of Directors

**From:** Lewis Broschard, Chief, Contra Costa County Fire Protection District

**Report Title:** Information Technology Consulting and Technical Assistance

☒ Recommendation of the County Administrator ☐ Recommendation of Board Committee

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### RECOMMENDATIONS:

APPROVE and AUTHORIZE a contract amendment between Contra Costa County Fire Protection District (District) and O3, Inc., to increase the payment limit by \$600,000 to a new payment limit of \$1,125,000, for consulting and technical assistance related to Information (IT) Technology infrastructure and network modernization; Information Technology governance risk management and compliance; and Information Technology management, with no change to the term.

### FISCAL IMPACT:

Budgeted; 100% by the EMS Transport Fund.

### BACKGROUND:

The District uses many complex IT systems to support its operations. The contractor, O3, Inc. will provide consultation and technical assistance to the District to modernize its IT infrastructure to ensure availability and performance of existing services and to provide a robust platform for future services. The contract will also act as the project manager to modernize and harden the District's network infrastructure to ensure availability, performance, and security of existing network services. Governance of enterprise information technology is a major concern for District's Board of Directors and executive management. IT services have evolved to become critical to sustaining growth, innovation, and transformation; reducing and containing costs; and supporting the ongoing business operations of the District. The contractor shall assist the District establish an IT Governance, Risk Management, and Compliance Program. The contractor shall also provide executive-level IT management strategy and support services to the District.

### CONSEQUENCE OF NEGATIVE ACTION:

If this action is not approved, the District will not be able to complete its ongoing IT infrastructure, network modernization, and IT governance risk management and compliance projects.



# CONTRA COSTA COUNTY

1025 ESCOBAR STREET  
MARTINEZ, CA 94553

## Staff Report

**File #:** 24-0967

**Agenda Date:** 4/9/2024

**Agenda #:** C.2

**To:** Board of Directors

**From:** Lewis Broschard, Chief, Contra Costa County Fire Protection District

**Report Title:** GIS Professional Services Agreement

☒ Recommendation of the County Administrator ☐ Recommendation of Board Committee

### RECOMMENDATIONS:

APPROVE and AUTHORIZE the Purchasing Agent to execute, on behalf of the Fire Chief, a three-year Professional Services Agreement with GeoComm using their *Disclaimer of Warranties and Limitation of Liability* in an amount not to exceed \$175,000, for the purchase, installation, and maintenance of a Geographic Information System dataset for use in Public Safety Answering Point (PSAP) mapping system, that complies with the National Emergency Number Association's (NENA) standards and PSAP mapping system requirements, to dispatch emergency responders effectively and maximize accurate responses to emergencies, for the period April 10, 2024 to March 31, 2027.

### FISCAL IMPACT:

Budgeted. 100% CCCFPD General Operating Fund.

### BACKGROUND:

Geographic Information System (GIS) is used to map the Fire District, all station boundaries, service jurisdictions, topographical elements, roadway names and speed limits, and structural address points and access ways within the Fire District in order for emergency services dispatchers to correctly identify the appropriate station, fire apparatus and ambulance to send the most appropriate and closest responders to the emergency. Such mapping maximizes the ability for emergency dispatchers to connect incoming emergency calls to the correct emergency responders throughout the Fire District, as well as providing those emergency responders with information necessary for effective deployment, routing and emergency response. Maps and accordant information needs review and updating on a continual and ongoing basis as development within and by unincorporated Contra Costa County and individual municipalities within the County occurs on a frequent basis, affecting sites, structures, roadways, access ways, and topographical elements (elevations, rivers, ditches, rail tracks, etc.) impacting service by the Fire District. Providing the accurate mapping product and information aids the Fire District in maximizing emergency response and enhances the safety of all communities in the Fire District's jurisdiction and the emergency responders dedicated to its service.

Executing this agreement enables the Next Generation (9-1-1 (NG9-1-1)) or Public Safety Answering Point (PSAP) mapping systems to be updated to accurately reflect the current situation in the Fire District's service area.

### CONSEQUENCE OF NEGATIVE ACTION:

If this Agreement is not approved, the District will be using outdated or inaccurate GIS and mapping products



in order to dispatch emergency responders and accordant apparatus. Using inaccurate GIS and mapping products may lead to a greater negative impact on community and personnel safety, increased response times due to inaccurate road and access information, or topographical information such as riverbeds, gullies, steep hillsides, etc.; errors in response with responders failing to have the appropriate apparatus responding to an emergency; and/or ineffective overlap of deployed resources from multiple or neighboring stations.



# CONTRA COSTA COUNTY

1025 ESCOBAR STREET  
MARTINEZ, CA 94553

## Staff Report

**File #:** 24-0968

**Agenda Date:** 4/9/2024

**Agenda #:** C.3

**To:** Board of Directors

**From:** Lewis Broschard, Chief, Contra Costa County Fire Protection District

**Report Title:** FY 23 Assistance to Firefighters Grant - Heavy Rescue Vehicle

☒ Recommendation of the County Administrator ☐ Recommendation of Board Committee

### RECOMMENDATIONS:

RATIFY the Fire Chief's, or designee's, application to the U.S. Department of Homeland Security, Federal Emergency Management Agency, Assistance to Firefighters Grant Program, in an amount not to exceed \$2,233,963, for the acquisition of a heavy rescue response vehicle.

### FISCAL IMPACT:

The total grant application is for an amount up to \$2,233,963, with a 10% local agency cost sharing requirement. FEMA develops the mathematical formula to support grant recipients in determining the appropriate minimum amount of cost share required for the awarded items they receive. The District's share would be \$203,088, and the federal share would be \$2,030,875.

The grant award may be lower than the amount requested. Due to changing conditions in the fire apparatus manufacturing space, along with price increases and continued supply chain concerns, the total cost of the project is currently an estimate. If awarded, a subsequent approval will be requested of the Board for purchasing authority with detailed actual costs of the apparatus.

### BACKGROUND:

The Fiscal Year 2023 Assistance to Firefighters Grant (AFG) Program objectives are to provide critically needed resources to equip and train emergency personnel, enhance efficiencies, and support community resilience. Acquiring a heavy rescue apparatus will enhance and advance an already thriving technical rescue program. The ability to respond with a piece of apparatus with this capability will greatly increase the options available to rescue crews. Relevant incidents range from motor vehicle collisions requiring disentanglement to responses in industrial and refining facilities located in the County. A heavy rescue response vehicle is essentially a giant rolling tool box. It contains equipment required for confined space rescue, high angle rescue and vehicle disentanglement. In a large scale disaster such as an earthquake, this vehicle will contain equipment used for urban search and rescue in a structural collapse. According to the United States Geological Survey, the probability of at least one earthquake of magnitude 6.7 or greater in the San Francisco Bay Region

is 72 percent, and the probability of at least one earthquake of magnitude 7.0 or greater is 51 percent. An earthquake of this magnitude has the potential to cause multiple building collapses in our jurisdiction. The heavy rescue equipment will be used to save lives in this urban search and rescue scenario.

**CONSEQUENCE OF NEGATIVE ACTION:**

Without this grant, the District will not be able to purchase an important piece of equipment to facilitate technical rescue unless an alternate funding method is identified.



# CONTRA COSTA COUNTY

1025 ESCOBAR STREET  
MARTINEZ, CA 94553

## Staff Report

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**File #:** 24-0969

**Agenda Date:** 4/9/2024

**Agenda #:** C.4

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**To:** Board of Directors

**From:** Lewis Broschard, Chief, Contra Costa County Fire Protection District

**Report Title:** Agreement with Moraga-Orinda Fire District - Health and Wellness Center

☒ Recommendation of the County Administrator ☐ Recommendation of Board Committee

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### RECOMMENDATIONS:

APPROVE and AUTHORIZE the Fire Chief, or designee, to execute an Agreement with the Moraga-Orinda Fire District (MOFD) to use the Contra Costa County Fire Protection District's (CCCYPD) Health and Wellness Center to conduct annual physicals, for the period March 1, 2024 through December 31, 2024.

### FISCAL IMPACT:

There is no fiscal impact associated with the execution of this agreement.

### BACKGROUND:

On April 18, 2023, CCCYPD entered into an agreement with Life Extension Clinics, also known as Life Scan Wellness Center (Life Scan), for annual physical exams in compliance with National Fire Protection Association (NFPA) 1582 standards. Each fall, the CCCYPD Health and Wellness center transitions into a medical center to facilitate these exams. Subsequently, MOFD also entered into an agreement with Life Scan for NFPA 1582 testing.

This agreement between CCCYPD and MOFD is mutually beneficial. It grants MOFD access to Life Scan clinicians at a convenient location and extends appointment availability for CCCYPD employees by prolonging the duration of time Life Scan is on site. This agreement includes a provision for mutual indemnification between MOFD and CCCYPD.

### CONSEQUENCE OF NEGATIVE ACTION:

Without this agreement, the MOFD would lack additional appointment times, complicating scheduling for the numerous employees mandated to undergo annual NFPA 1582 testing.



# CONTRA COSTA COUNTY

1025 ESCOBAR STREET  
MARTINEZ, CA 94553

## Staff Report

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**File #:** 24-0970

**Agenda Date:** 4/9/2024

**Agenda #:** C.5

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**To:** Board of Directors

**From:** Lewis Broschard, Chief, Contra Costa County Fire Protection District

**Report Title:** Agreement with Rodeo-Hercules Fire Protection District - Health and Wellness Center

☒ Recommendation of the County Administrator ☐ Recommendation of Board Committee

---

### RECOMMENDATIONS:

APPROVE and AUTHORIZE the Fire Chief, or designee, to execute an Agreement with the Rodeo-Hercules Fire Protection District (RHFD) to use the Contra Costa County Fire Protection District's (CCCFPD) Health and Wellness Center to conduct annual physicals, for the period March 1, 2024 through December 31, 2024.

### FISCAL IMPACT:

There is no fiscal impact associated with the execution of this agreement.

### BACKGROUND:

On April 18, 2023, CCCFPD entered into an agreement with Life Extension Clinics, also known as Life Scan Wellness Center (Life Scan), for annual physical exams in compliance with National Fire Protection Association (NFPA) 1582 standards. Each fall, the CCCFPD Health and Wellness center transitions into a medical center to facilitate these tests. Subsequently, RHFD also engaged in an agreement with Life Scan for NFPA 1582 testing.

This agreement between CCCFPD and RHFD is mutually beneficial. It grants RHFD access to Life Scan clinicians at a convenient location and extends appointment availability for CCCFPD employees by prolonging the duration of time Life Scan is on-site. This agreement includes a provision for mutual indemnification between RHFD and CCCFPD.

### CONSEQUENCE OF NEGATIVE ACTION:

Without this agreement, the RHFD would lack additional appointment times, complicating scheduling for the numerous employees mandated to undergo annual NFPA 1582 testing.



# CONTRA COSTA COUNTY

1025 ESCOBAR STREET  
MARTINEZ, CA 94553

## Staff Report

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**File #:** 24-0971

**Agenda Date:** 4/9/2024

**Agenda #:** C.6

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**To:** Board of Directors

**From:** Lewis Broschard, Chief, Contra Costa County Fire Protection District

**Report Title:** Service Agreement with Metro Elevator

☒ Recommendation of the County Administrator ☐ Recommendation of Board Committee

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### RECOMMENDATIONS:

APPROVE and AUTHORIZE the Fire Chief, or designee, to execute a Service Agreement with Metro Elevator, in an amount not to exceed \$30,000, for preventative maintenance and repairs of the elevator at Fire Station 70 for the period of May 1, 2024 through April 30, 2029.

### FISCAL IMPACT:

Budgeted; 100% CCCFPD General Operating Fund.

### BACKGROUND:

Fire Station 70 located at 1800 23<sup>rd</sup> Street, San Pablo was constructed in 2021 as a two-story station that included a passenger elevator to meet California Building Code requirements. In order to maintain the elevator in good operational condition, and meet state elevator permit requirements, Contra Costa County Fire Protection District (District) must enter into a maintenance contract with an elevator service company.

The maintenance contract also reduces repair costs for the District as quarterly preventive maintenance will reduce the number and length of times the elevator will be inoperable, reduce urgent maintenance requests and extend the lifespan of the elevator.

The District solicited quotes from three companies to provide this service, and Metro Elevator provided the lowest quote. This agreement includes a provision for mutual indemnification between Metro Elevator and Contra Costa County Fire Protection District.

### CONSEQUENCE OF NEGATIVE ACTION:

Without this agreement, the District will not be able maintain and operate the elevator at Fire Station 70 and will not be in compliance with the Americans with Disabilities Act requirements and the California Building Code.



# CONTRA COSTA COUNTY

1025 ESCOBAR STREET  
MARTINEZ, CA 94553

## Staff Report

**File #:** 24-0972

**Agenda Date:** 4/9/2024

**Agenda #:** C.7

**To:** Board of Directors

**From:** Lewis Broschard, Chief, Contra Costa County Fire Protection District

**Report Title:** Approve Modification of or an Addendum to the RFP for Fire Stations 90 and 94 to allow for the specification and requirement to use Plymovent Vehicle Exhaust Removal Systems, Sargent Door Hardware, and Phoenix G2 US Digital Designs station alerting systems in the construction of those fire stations

☒ Recommendation of the County Administrator ☐ Recommendation of Board Committee

### RECOMMENDATIONS:

REVIEW and APPROVE a modification of or an addendum to the RFP for the design-build of Fire Stations 90 and Fire Station 94, in accordance with Public Contract Code 3400(c)(2), that specifies and requires the use of Plymovent Vehicle Exhaust Removal Systems, Sargent Door Hardware, and Phoenix G2 US Digital Designs Station Alerting Systems in the construction of those fire stations in order to match other products currently in use.

### FISCAL IMPACT:

CCCYPD Capital Construction Fund and Measure X contributions

### BACKGROUND:

The Contra Costa County Fire Protection District (District) will issue a Request for Proposals (RFP) for the selection of a design-build entity to construct Fire Station 90 and Fire Station 94. Fire Station 90 will be located at 2717 Empire Avenue, and Fire Station 94 will be located at 739 First Street in Brentwood.

The construction of these fire stations will be in accordance with the Public Contract Code. Public Contract Code Section 3400 (c) (2) allows a designated material or brand to be specified in an RFP if the awarding authority makes a finding that its purpose is in order to match other products in use on a particular public improvement either completed or in the course of completion.

The RFP for Fire Stations 90 and 94 will specify the following three products: Plymovent Vehicle Exhaust Removal Systems, Sargent Door Hardware, and Phoenix G2 US Digital Designs Station Alerting Systems.

Plymovent vehicle exhaust removal systems are currently being used at existing fire stations. They connect to fire apparatus via specialized connections and remove vehicle exhaust from the building. Vehicle exhaust systems are necessary to address health and safety concerns related to diesel exhaust exposure in fire stations. Standardization and interoperability of fire apparatus necessitate the continued use and installation of Plymovent exhaust systems in our new fire stations.

The District uses Sargent Door Hardware to maintain a master key system across all facilities. This allows personnel access to multiple sites based on assigned key levels. This level of security and accessibility requires the District to use door hardware from one manufacturer. As Sargent door hardware is used at existing District facilities, the new fire stations will need to have Sargent door hardware.

Phoenix G2 US Digital Designs (USDD) Station Alerting Systems are used to alert firefighters in the fire station of the need to respond to a call for service. The District has started transitioning from our previous station alerting system, which is functionally and technologically obsolete, to the USDD system. USDD is integrated with our Central Square Computer Aided Dispatch (CAD), and the requisite hardware has been purchased and implemented. All new District fire stations will need to include the USDD system to ensure uniformity and efficient communication, enabling the CAD to interface seamlessly with a singular fire station alerting system for all calls for service. The District plans to implement the auto-verbal dispatch feature at a later date, coinciding with a CAD rebuild. This will significantly expedite the dispatch process and reduce the overall dispatch workload.

#### **CONSEQUENCE OF NEGATIVE ACTION:**

If this action is not approved, the District would not be able to specify the use of Plymovent Vehicle Exhaust Removal Systems, Sargent Door Hardware, and Phoenix G2 US Digital Designs Station Alerting Systems at Fire Stations 90 and 94. This would impact the standardization and interoperability of fire apparatus, fire station alerting, and needed access to fire stations.





# CONTRA COSTA COUNTY

1025 ESCOBAR STREET  
MARTINEZ, CA 94553

## Staff Report

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**File #:** FPD-RES 2024-4

**Agenda Date:** 4/9/2024

**Agenda #:** C.8

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**To:** Board of Directors

**From:** Lewis Broschard, Chief, Contra Costa County Fire Protection District

**Report Title:** Retirement of Assistant Fire Chief Lon Goetsch

☒ Recommendation of the County Administrator ☐ Recommendation of Board Committee

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### RECOMMENDATIONS:

ADOPT Resolution No 2024/x honoring Assistant Fire Chief Lon Goetsch on the occasion of his retirement from the Contra Costa County Fire Protection District.

### FISCAL IMPACT:

### BACKGROUND:

### CONSEQUENCE OF NEGATIVE ACTION:

## The Board of Supervisors of Contra Costa County, California

**IN THE MATTER OF** honoring Lon Goetsch, Assistant Fire Chief, upon his retirement from the Contra Costa County Fire Protection District after 22 years of service with Contra Costa County,

**WHEREAS**, Lon Goetsch began his service with Contra Costa County as a Firefighter-Paramedic on May 6, 2002; and

**WHEREAS**, Lon Goetsch was promoted to Fire Engineer on June 16, 2006; and

**WHEREAS**, Lon Goetsch was promoted to Fire Captain on November 1, 2007; and

**WHEREAS**, Lon Goetsch was promoted to Battalion Chief on April 26, 2010; and

**WHEREAS**, Lon Goetsch was temporarily upgraded to Assistant Fire Chief on July 22, 2014; and

**WHEREAS**, Lon Goetsch was promoted to Assistant Fire Chief on March 10, 2015; and

**WHEREAS**, throughout his time with the Fire District, Chief Lon Goetsch was one of the pioneers of the engine-based paramedic program; and, as a Fire Engineer at Station 10, he assisted with the hose program and helped to advance the technical rescue program, Rapid Intervention Crew (RIC), and Firefighter Safety and Survival training; and

**WHEREAS**, Chief Lon Goetsch was a member of the California Task Force 4 Urban Search and Rescue (CATF4 USAR) team as well as the East Bay Incident Management Team; served in Strike Team Leader and overhead assignments on numerous statewide mutual aid deployments; fostered relationships and improved response in the County with standardization of policies and procedures with outside agency partners and joint training; was instrumental in the success of the West County USAR consortium; and led the Wildland Fire Program; and

**WHEREAS**, Chief Lon Goetsch was instrumental in the accreditation of the Fire District's Academy Training Center and in facilitating numerous upgrades within the Fire District over the years; and

**WHEREAS**, Lon Goetsch retired from Contra Costa County Fire Protection District, as Assistant Fire Chief, on March 29, 2024.

**NOW, THEREFORE, BE IT RESOLVED** that the Contra Costa County Fire Protection District Board of

Directors extends its thanks and honors Lon Goetsch for his dedicated and outstanding service to Contra Costa County and wishes him well on his retirement from the Contra Costa County Fire Protection District and in all his future endeavors.



# CONTRA COSTA COUNTY

1025 ESCOBAR STREET  
MARTINEZ, CA 94553

## Staff Report

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**File #:** FPD-RES 2024-5

**Agenda Date:** 4/9/2024

**Agenda #:** C.9

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**To:** Board of Directors

**From:** Lewis Broschard, Chief, Contra Costa County Fire Protection District

**Report Title:** Retirement of Fire Captain-Paramedic Damian Sanderson

☒ Recommendation of the County Administrator ☐ Recommendation of Board Committee

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### RECOMMENDATIONS:

ADOPT Resolution No. 24/xx honoring Damian Sanderson, Fire Captain-Paramedic, on the occasion of his retirement from the Contra Costa County Fire Protection District.

### FISCAL IMPACT:

### BACKGROUND:

### CONSEQUENCE OF NEGATIVE ACTION:

## The Board of Supervisors of Contra Costa County, California

**IN THE MATTER OF** honoring Damian Sanderson, Fire Captain-Paramedic, upon his retirement from the Contra Costa County Fire Protection District after 27 years of service with Contra Costa County,

**WHEREAS**, Damian Sanderson began his service with Contra Costa County as a Firefighter-Recruit on May 19, 1997; and

**WHEREAS**, Damian Sanderson was promoted to Firefighter on October 1, 1997; and

**WHEREAS**, Damian Sanderson was reassigned to Firefighter-Paramedic on June 1, 2001; and

**WHEREAS**, Damian Sanderson was promoted to Fire Engineer on November 9, 2002; and

**WHEREAS**, Damian Sanderson was promoted to Fire Captain-Paramedic on March 1, 2006; and

**WHEREAS**, throughout his time with the Fire District, Fire Captain-Paramedic Damian Sanderson provided exceptional dedication to the communities he served; was at the forefront of the deployment of paramedics in the Fire District; spent the majority of his career serving the residents and communities of West Contra Costa County where he was a well-known and stabilizing presence; was the Fire District's 2018 Firefighter of the Year; gave back to his fellow firefighters by sacrificing his comfort during his final years on the job by taking on new responsibilities as a mentor, coach, and teacher while operating as a Shift Safety Officer; and

**WHEREAS**, Damian Sanderson retired from Contra Costa County Fire Protection District, as Fire Captain-Paramedic, on March 29, 2024.

**NOW, THEREFORE, BE IT RESOLVED** that the Contra Costa County Fire Protection District Board of Directors extends its thanks and honors Damian Sanderson for his dedicated and outstanding service to Contra Costa County and wishes him well on his retirement from the Contra Costa County Fire Protection District and in all his future endeavors.



# CONTRA COSTA COUNTY

1025 ESCOBAR STREET  
MARTINEZ, CA 94553

## Staff Report

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**File #:** FPD-RES 2024-6  
C.10

**Agenda Date:** 4/9/2024

**Agenda #:**

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**To:** Board of Directors

**From:** Lewis Broschard, Chief, Contra Costa County Fire Protection District

**Report Title:** Retirement of Assistant Fire Chief Mike Quesada

☒ Recommendation of the County Administrator ☐ Recommendation of Board Committee

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### RECOMMENDATIONS:

ADOPT Resolution No. 24-xx honoring Mike Quesada, Assistant Fire Chief, on the occasion of his retirement from the Contra Costa County Fire Protection District.

### FISCAL IMPACT:

### BACKGROUND:

### CONSEQUENCE OF NEGATIVE ACTION:

## The Board of Supervisors of Contra Costa County, California

**IN THE MATTER OF** honoring Mike Quesada, Assistant Fire Chief, upon his retirement from the Contra Costa County Fire Protection District after 22 years of service with Contra Costa County,

**WHEREAS**, Mike Quesada began his service with Contra Costa County as a Firefighter-Recruit on January 14, 2002; and

**WHEREAS**, Mike Quesada was promoted to Firefighter-Paramedic on April 23, 2003; and

**WHEREAS**, Mike Quesada was promoted to Fire Engineer on June 16, 2006; and

**WHEREAS**, Mike Quesada was promoted to Fire Captain on April 11, 2009; and

**WHEREAS**, Mike Quesada was promoted to Battalion Chief on April 1, 2017; and

**WHEREAS**, Mike Quesada was appointed as interim Assistant Fire Chief on June 10, 2019; and

**WHEREAS**, Mike Quesada was promoted to Assistant Fire Chief on December 1, 2019; and

**WHEREAS**, throughout his time with the Fire District, Chief Mike Quesada provided mentorship to new and aspiring firefighters; assisted in the organization's promotional process for 10 years; provided education and training by participating in the Fire District's first Engineer Academy; and participated as a member of the initial live fire burn cadre; and

**WHEREAS**, during his tenure as a senior-level Chief Officer, Chief Mike Quesada demonstrated leadership and perseverance by leading the Support Services Division during the COVID-19 pandemic, working through challenging supply chain issues to procure the necessary personal protective equipment, testing supplies, and other related material for the District and our members and later played a leading role in the process of building fire station 86 in Bay Point, Fire Station 70 in San Pablo, and facilitated the purchase of numerous fire apparatus and fleet vehicles; and

**WHEREAS**, Mike Quesada retired from Contra Costa County Fire Protection District, as Assistant Fire Chief, on March 19, 2024.

**NOW, THEREFORE, BE IT RESOLVED** that the Contra Costa County Fire Protection District Board of Directors extends its thanks and honors Mike Quesada for his dedicated and outstanding service to Contra Costa County and wishes him well on his retirement from the Contra Costa County Fire Protection District and

in all his future endeavors.





# CONTRA COSTA COUNTY

1025 ESCOBAR STREET  
MARTINEZ, CA 94553

## Staff Report

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**File #:** FPD-RES 2024-7  
C.11

**Agenda Date:** 4/9/2024

**Agenda #:**

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**To:** Board of Directors

**From:** Lewis Broschard, Chief, Contra Costa County Fire Protection District

**Report Title:** Resolution No. 2024/X Authorizing an Advanced Step Placement

☒ Recommendation of the County Administrator ☐ Recommendation of Board Committee

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### RECOMMENDATIONS:

ADOPT Resolution No. 2024/X to grant an exemption to Contra Costa County Salary Regulations Section 4.1; and AUTHORIZE an advanced step placement in the classification of Deputy Fire Marshal (RJGA), position number 20065, from step one to step two of salary range BF5 2149 (\$15,052.71 - \$18,296.66), effective at date of promotion, April 10, 2024.

### FISCAL IMPACT:

Approximately \$20,000 in increased salary and benefit costs, of which \$6,500 is attributable to employer pension costs.

### BACKGROUND:

On March 11, 2024 the District concluded a competitive examination and assessment process to fill one vacancy in the classification of Deputy Fire Marshal (RJGA) within the Fire Prevention Bureau. A promotional offer was extended and the District made the recommendation to the County Administrator's Office to approve and recommend to the Fire Board of Directors' approval to grant an exemption to the County's Salary Regulations to allow the appointee to be placed at step two of the classification's salary range.

### CONSEQUENCE OF NEGATIVE ACTION:

If the recommended action is not approved, the Department will not be able to appropriately compensate the appointee.

**THE BOARD OF SUPERVISORS OF CONTRA COSTA COUNTY, CALIFORNIA**  
**and for Special Districts, Agencies and Authorities Governed by the Board**

**IN THE MATTER OF** Authorizing an Advanced Salary Step appointment in the Classification of Deputy Fire Marshal (RJGA),

**WHEREAS**, Section 4.1 (Salary-On Promotion) of the Contra Costa County Salary Regulations states, "Any employee who is appointed to a position of a class allocated to a higher salary range than the class he previously occupied, shall receive the salary in the new salary range, which is next higher than the rate he was receiving before promotion. In the event this increase is less than five (5) percent, the employee's salary shall be adjusted to the step in the new range which is five (5) percent greater than the next higher step, if the new range permits such adjustment"; and

**WHEREAS**, the appointee to the Deputy Fire Marshal (RJGA) position #20065 will be promoted into the position on April 10, 2024 and placed at step one according to the salary regulations rule on promotion; and

**WHEREAS**, the Contra Costa County Fire Protection District has requested the appointee be placed at step two of the Deputy Fire Marshal (RJGA) salary range; and

**WHEREAS**, the County Administrator's Office approves of this specific request to grant an exemption to the Salary-On Promotion regulation for the appointment of the Deputy Fire Marshal (RJGA) position.

**NOW, THEREFORE, BE IT RESOLVED** that the Board of Directors does hereby grant an exemption to Section 4.1 (Salary-On Promotion) of the Salary Regulations, so that the appointee of position #20065 shall be appointed at step two of the salary range for the Deputy Fire Marshal (RJGA) classification, effective April 10, 2024.



# CONTRA COSTA COUNTY

1025 ESCOBAR STREET  
MARTINEZ, CA 94553

## Staff Report

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**File #:** 24-0973  
C.12

**Agenda Date:** 4/9/2024

**Agenda #:**

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**To:** Board of Directors

**From:** Monica Nino, County Administrator

**Report Title:** Claims

☒ Recommendation of the County Administrator ☐ Recommendation of Board Committee

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### RECOMMENDATIONS:

DENY claim filed by Dhivakar Krishnamoorthi Geetha.

### FISCAL IMPACT:

No fiscal impact.

### BACKGROUND:

Dhivakar Krishnamoorthi Geetha: Property claim for damage to vehicle in the amount of \$1,352.41.

### CONSEQUENCE OF NEGATIVE ACTION:

Not acting on the claims could extend the claimants' time limits to file actions against the County.