

KENSINGTON FIRE PROTECTION DISTRICT

MEETING OF THE EMERGENCY PREPAREDNESS COMMITTEE

MINUTES
Thursday, March 17, 2022 1:00pm-3:00pm
Via Zoom Teleconference

1. CALL TO ORDER/ROLL CALL

Directors: Larry Nagel and Kevin Padian

Public Members: Lisa Caronna, Katie Gluck, Peter Guerrero, Peter Liddell,

Danielle Madugo, Paul Moss, David Spath

Staff: General Manager Bill Hansell

Consultant: Emergency Preparedness Coordinator Johnny Valenzuela

Guest: Joe Grupalo, Zonehaven

2. PUBLIC COMMENT

This place on the agenda is reserved for comments and inquiries concerning matters that do not otherwise appear on the agenda.

3. ADOPTION OF CONSENT ITEMS

Items listed below are consent items, which are considered routine and will be enacted by one motion. Reports and recommendations prior to assigning consent item designations to the various items have been received and considered. Copies of the reports are on file in the Fire Protection District Administrative Office at 217 Arlington Avenue and are available to the public. The disposition of the item is indicated. There will be no separate discussion of consent items. If discussion is requested for an item, that item will be removed from the list of consent items and considered separately on the agenda. (Supporting material)

a. Approval of Minutes of the regular meeting of February 24, 2022 (Approve)

MOTION: Spath/Nagel to accept the minutes as corrected.

Motion passed unanimously

4. OLD BUSINESS

None

5. **NEW BUSINESS**

a. Emergency Public Address (EPA) Systems and Zonehaven

Discussion of the deployment and coordination of EPA devices with Zonehaven's Joe Grupalo, former battalion chief of EC-K Fire Department (see attached report from Joe Grupalo, plus updated Q&A submitted by Board Members) Kevin introduced the topic by saying the discussion would cover how EPAs work, and how they are activated. Kevin mentioned that Meredith, Lorraine, and Heather have left CWS and Julie Cavallero will now head up the CWS effort.

Danielle Madugo asked if the Berkeley EPAs are installed yet and when can we see them. Joe said the Berkeley EPA system has been ordered but it is not yet installed.

Lisa Caronna asked when and how the EPAs would be activated. Specifically, who would create the messages. Joe stated the Fire Department and Police Department would be responsible for

Bill Hansell noted that when there was a fire in Lucas Valley he had no problem hearing the EPA system even though it was a very windy night.

David Spath asked about how the EPA systems address overlap. Joe noted that the speakers are spaced according to topology, not zones. In talking with Berkeley Fire Department Chief May, the systems can be interconnected to allow communities to share systems.

Kevin noted that Mike Shanks had told him that we needed an open bidding process so that we are talking to other EPA vendors as well

Paul Moss asked which public properties would we use for placing EPAs.

Kevin asked Robert Rogers (John Gioia's office) about what precedents are set about placing EPAs on

Danielle Madugo asked about which areas have conducted drills using an EPA system. Joe mentioned that the speakers are tested every month.

Peter Liddell asked about placement of the siren. Peter stated that the county has an easement of eight feet from every road.

Peter mentioned that the EPAs system would be useful for an earthquake for informing the public of evacuation routes that are still viable.

Dave Spath asked about the vulnerability of the devices to wildfire. Joe mentioned that as long as the vegetation management is good, the devices should survive.

Dave Spath asked about satellite speakers and what service they use. Joe mentioned

Dave asked about coordination between CWS and Genasys EPAs. The LRAD system was used as a secondary system, with CWS being used as the primary. Joe responded that Zonehaven does directly send messages out to the public. This is illustrated on the slides Joe provided (see attached).

Lisa Caronna asked about the cost. Joe stated that that Berkeley contract \$2M comes to \$130K per speaker (except installation). Maintenance is a few thousand per year per speaker.

Danielle Madugo noted that there is a parking lot behind the school that belongs to Richmond.

Danielle Madugo asked about Everbridge. Joe answered that Everbridge does the alerting software and partners with Genasys. Everbridge also owns Nixle. Other alerting vendors include CodeRed and Blackberry.

Kevin noted that he promised Chief Pigoni that he would ask how important it is to "know your zone." Joe stated that

Public comment from Katya de Neergaard. She asked how tall the poles are, and the answer is 40 feet. She also asked if people not signed up for Zonehaven can used the Zonehaven software. The answer is yes. She also asked if Zonehaven has any other software.

Public comment from Linnea Due who asked if the systems provide both a warning sound and a voice message. Joe Grupalo answered that indeed they do.

Danielle Madugo asked if Genasys speakers could be used for earthquake warning systems.

Bill Hansell noted that he has checked into the Laguna Beach RFP and that state has. It's not clear that we can sole source like Berkeley did.

b. EPAs: Information about acquisition and deployment in Mill Valley, Laguna Beach, Berkeley, etc.

See attached information from Brendan Manning (Laguna Beach), two reports

from Berkeley, and refer to previous Q&As on Mill Valley)

Kevin spoke about the Laguna Beach experience.

Paul Moss asked about how Laguna Beach determined that their experience with the EPA system was a success.

Dave Spath noted that Laguna Beach will followup on the experience.

MOTION: Nagel/Spath to recommend to the board that the district create an RFP for the design of an EPA system for Kensington.

Motion adopted by consensus without objection

c. EPAs: Plan to educate and survey residents

Proposal to finalize and distribute an educational document and survey to residents

Kevin started the discussion of the need for a survey to determine public opinion on the need for an installation of a EPA system. It turns out the survey was inadvertently omitted from the agenda packet, but it was included in the agenda packet for the last meeting.

Peter Guerrero suggested that a public meeting would be more effective than a survey or, at the very least, should precede the survey.

Paul Moss noted that the survey is not just research but it also is a way of publicizing EPA systems and gaining community response.

d. Proposal to reboot and expand KFPD "replanting" grant program Initial consideration (action to be postponed to next meeting) of keeping pace with other communities, State, and insurance companies on incentives for clearing hazardous brush and other plants (draft proposal attached)

Kevin explained the replanting grant program and noted that he wanted to "reboot" the program and increase the funding level of the program. Kevin suggested that we instruct Bill Hansell to put forward an agenda item to ask the KFPD Board to reconstitute the program.

MOTION: Nagel/Caronna to ask General Manager Bill Hansell to reboot the replanting program

Motion adopted by consensus without objection

6. EMERGENCY PREPAREDNESS COORDINATOR'S REPORT

No further report

7. REPORTS FROM COMMITTEE MEMBERS

None

8. CALL FOR FUTURE AGENDA ITEMS

None

9. ADJOURNMENT

The next regular meeting of the Emergency Preparedness Committee of the Kensington Fire Protection District will be held on April 28, 2022 at 3:00pm via Zoom Conference.

The meeting was adjourned at 3:24 PM by Kevin Padian.

MINUTES PREPARED BY: Larry Nagel

These minutes were approved at the Emergency Preparedness Committee Meeting of the Kensington Fire Protection District on April 28, 2022.

Attest:

Emergency Preparedness Committee Member

Town of Kensington

Zonehaven

Evacuation Management Software

Wildfire Threat - Tilden Park & Diablo Wind Events

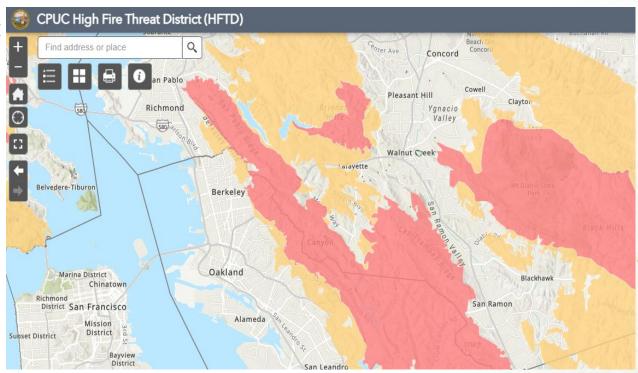


Wildfire Threat to Kensington

Combination of:

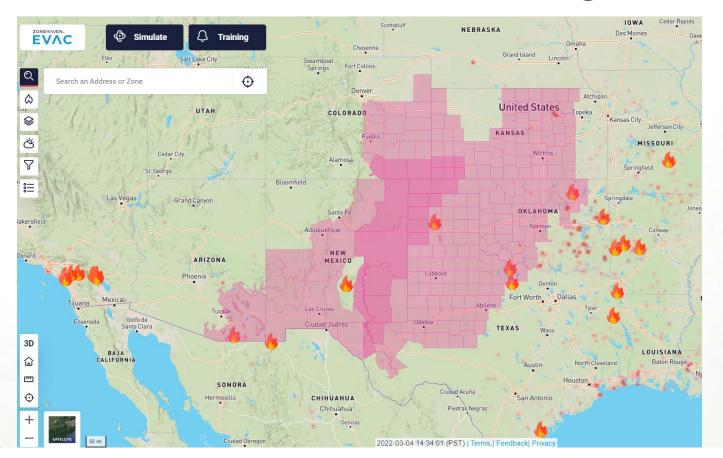
- Weather
- Location

Worst Case Scenario:
Ignition start in Tilden
Park/Orinda (to the east)
during a bad fire weather
day.





National Weather Service - Red Flag Warnings





Red Flag Warning (RFW) - NWSBayArea

Red Flag		Sustained Winds						
W	Weather Matrix		611 mph	12-20 mph	21-29 mph	30+ mph		
H	Daytime Min <29-42% and/or Night Max 60-80%					RFW		
m i	Daytime Min <19-28% and/or Night Max 46-60%				RFW	RFW		
d i	Daytime Min <9-18% and/or Night Max 31-45%			RFW	RFW	RFW		
t y	Daytime Min <9% and/or Night Max <31%		RFW	RFW	RFW	PDS RFW		
_ у	Night Max <31%							

Low Medium High Very High Extreme



Weather: Non-RFW Day

Valley Fire 2018



Fire Crews Stop Progress and Contain



Weather - Non-Red Flag Warnings

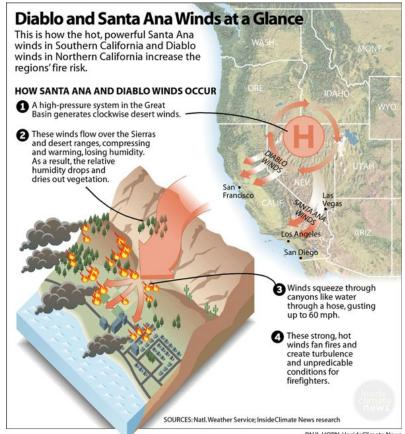
Valley Fire 2018

Fire Stopped and Contained





Extreme Fire Weather - Diablo Wind Events





Particularly Dangerous Situation (PDS RFW)



Particularly Dangerous Situation Explanation

Red Flag Weather Matrix		Sustained Winds						
		<6 mph	611 mph	12-20 mph	21-29 mph	30+ mph		
H u	Daytime Min <29-42% and/or Night Max 60-80%					RFW		
m i	Daytime Min <19-28% and/or Night Max 46-60%				RFW	RFW		
d i	Daytime Min <9-18% and/or Night Max 31-45%			RFW	RFW	RFW		
t y	Daytime Min <9% and/or Night Max <31%		RFW	RFW	RFW	PDS RFW		

Medium

High



Very High

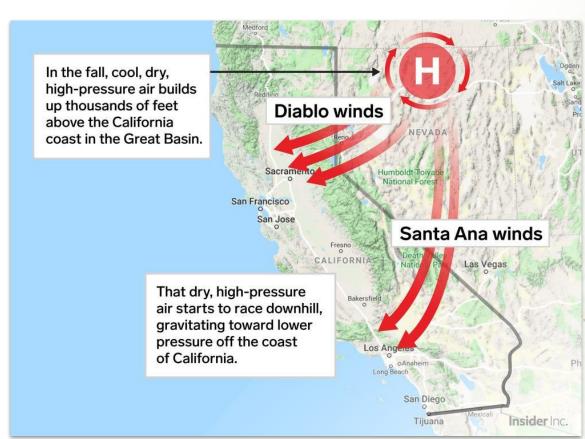


PDS - Particularly Dangerous Situation

NWS: PDS RFW Warning

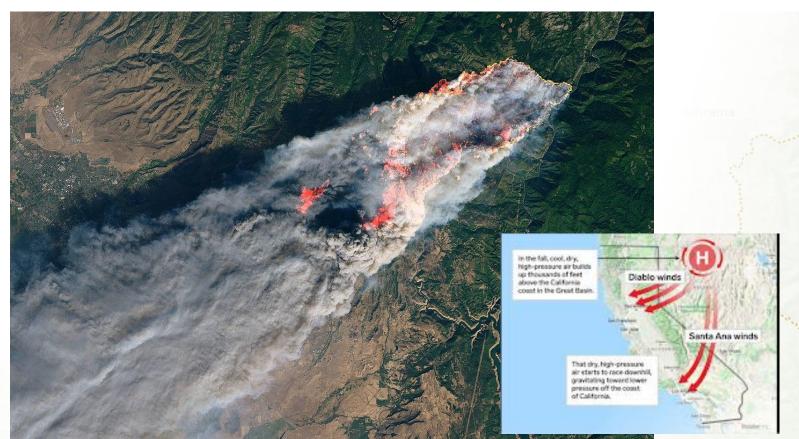
PG&E: PSPS Warning







PDS - Particularly Dangerous Situation



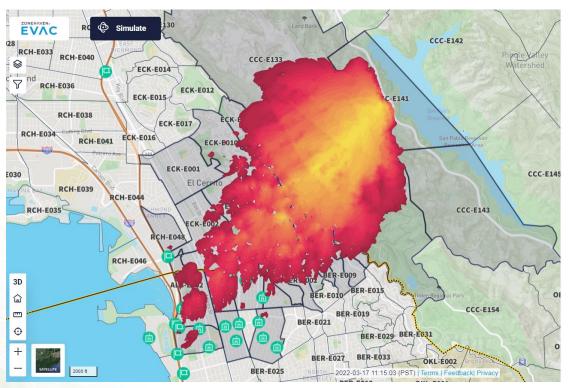
Paradise Fire

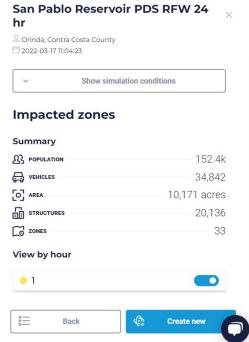
40



Worst Case Scenario - PDS RFW

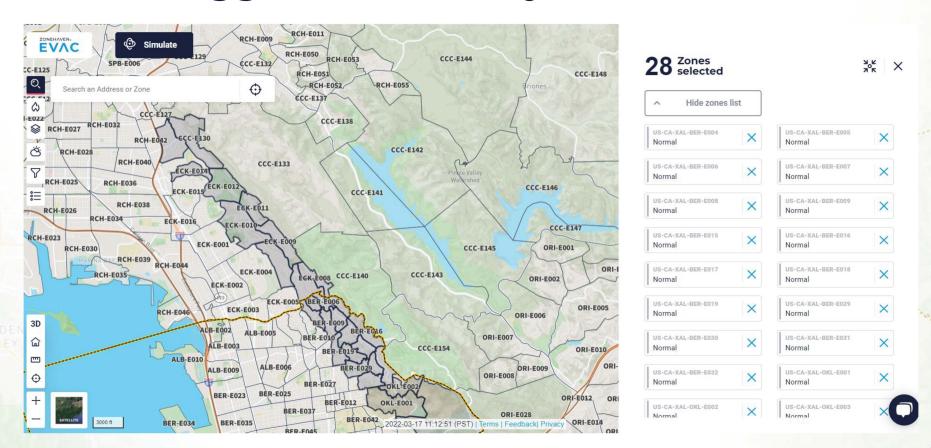
Ignition Start in Tilden Park/Orinda region during a PDS RFW







PDS = Trigger for Advisory Status in EVAC?





Pause for Questions?









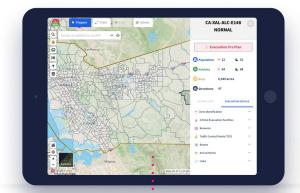
Review Zonehaven Tools



- app.zonehaven.com
 - Public Safety ONLY
 - Zone Status and Data Inputting

ZONEHAVEN® AWARE

- community.zonehaven.com
 - o This is LIVE to the Internet 24/7
 - Public Facing Immediately





^{*}Recommendation - have both sites up and running while working in the applications.





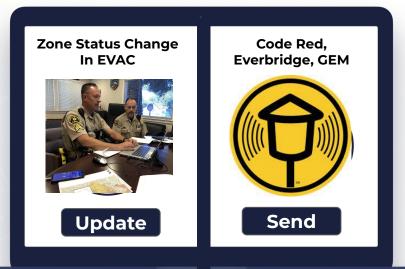
Review: County CWS Alert Request Workflow

Info "Relay"

Multi-Channel Notifications

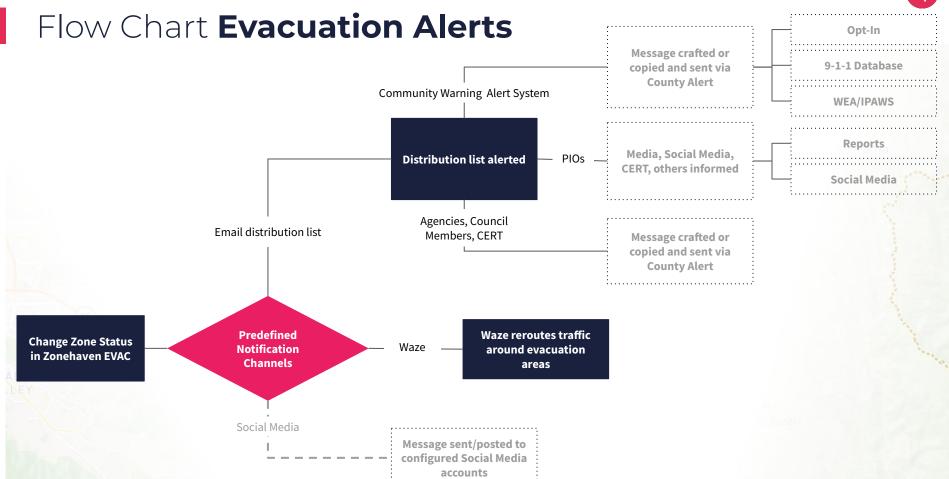














Unified Command Alert Request Process

https://youtu.be/PiC6kNmwGDg



Get Ready Marin County: Know Your Zone 3.2K views • 1 month ago



Marin Wildfire Prevention Authority

Learn more about Marin County's improved evacuation systen

CC





Zone Status Change in EVAC is Critical





Zone Status Changes Made by "Alerters" in EVAC application.

Examples:

- Police LT's, Capt's, Sgt's
- Fire: 2nd-in BC, AC, DC
- OES: EM's