



DIY Evacuation Planning

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Marsha Hovey, C.E.M.



Communicate | Coordinate | Collaborate | Cooperate

Connect

Serve

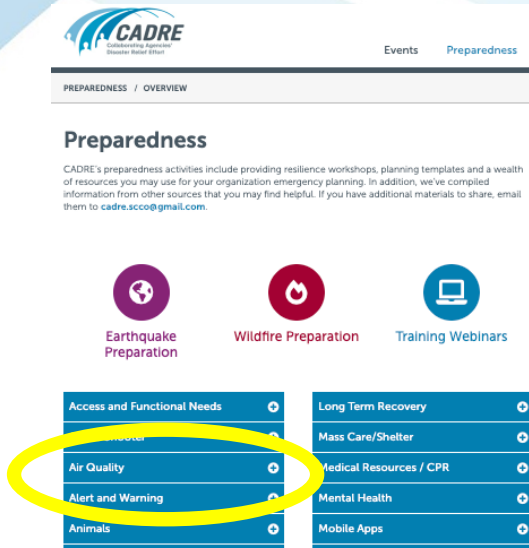
Support



Housekeeping

- Put your name and organization in the chat
- Otter A.I. and Zoom captioning are turned on.
- Ask questions at any time

Wildfire Air Quality



Air Quality

Resources for Air Quality

Here are a number of good resources for Air Quality. Find the resources that work best for your situation.

California Air Resources Board website has a lot of good educational materials.

Air Now

- California Air Resources Board
- Emergencies and Indoor Air Quality
- California Smoke Information
- Purple Air
- Bay Area Air Quality Management District
- County Public Health DIY Filter Fan
- DIY Air Filter/Fan combo

- ✓ BAAQMD
- ✓ EPA
- ✓ CA Air Resources

DIY Air Filter

School Air Quality Activity Recommendations

PROTECT STUDENT HEALTH DURING POOR AIR QUALITY

Air quality is an important consideration for schools when planning student activities. The Bay Area Air Quality Management District is available to assist schools with understanding local air quality and actions to take to protect student health. To find out more, visit www.BAAQMD.gov or call 415-749-4900.



The following school activity recommendations are based on consultation with health researchers and several important principles drawn from recent studies.

Air Quality Level

| Activity | LEVEL 1 AQI 0-50 PM _{2.5} 0-12 µg/m ³ | LEVEL 2 AQI 51-100 PM _{2.5} 13-35 µg/m ³ | LEVEL 3 AQI 101-150 PM _{2.5} 36-55 µg/m ³ | LEVEL 4 AQI 151-200 PM _{2.5} 56-150 µg/m ³ | LEVEL 5 AQI 201 or higher PM _{2.5} 151-500 µg/m ³ <small>School districts may consider closures based on site-by-site concerns.</small> |
|----------------|---|--|--|---|--|
| Recess (15min) | No restrictions | Ensure that sensitive individuals are medically managing their condition.* | Sensitive individuals should exercise indoors or avoid vigorous outdoor activities.* | Exercise indoors or avoid vigorous outdoor activities. Sensitive individuals should remain indoors.* | No outdoor activity. All activities should be moved indoors. |
| P.E. (1hr) | No restrictions | Ensure that sensitive individuals are medically managing their condition.* | Sensitive individuals should exercise indoors or avoid vigorous outdoor activities.* | Exercise indoors or limit vigorous outdoor activities to a maximum of 15 minutes. Sensitive individuals should remain indoors.* | No outdoor activity. All activities should be moved indoors. |



Wildfire Safety




Wildfire Preparedness

Page Under Construction

WILDFIRE ALERTS  Funded by  

If you think you're in danger, don't wait for an alert, leave immediately!




-  **RED FLAG WARNING - BE ALERT.**
Fire conditions (dry, hot, windy) are occurring. 
-  **EVACUATION WARNING - GET READY TO LEAVE.**
Fire is close. Leave now if you need extra time. 
-  **EVACUATION ORDER - LEAVE IMMEDIATELY.**
Fire is here, you are in danger! 

Learn more about alerts and preparing for wildfire: Cadresv.org/Wildfire 

| | |
|--|---|
| Red Flag Warning from the National Weather Service | + |
| Evacuation Warning - Alert | + |
| Evacuation Order - Alert | + |
| Prepare Before Wildfire | + |
| After Wildfire Recovery | - |
| All Local Trusted Information Sources | + |
| Returning Home After Wildfire | + |
| Wildfire Smoke Safety *NEW* | + |

- Translations
- English
 - Chinese
 - Hindi
 - Japanese
 - Korean
 - Spanish
 - Tagalog
 - Tamil
 - Vietnamese

- Mini Videos
- Wildfire Alerts
 - Evacuations
 - What to Expect
 - Immigrant Support
 - Access and Functional Needs

WILDFIRE READINESS    More Info: cadresv.org/wildfire

Fire is HOT!
Heat is more dangerous than flames. Room temperatures can rise to 600 degrees at eye level. Inhaling this super-hot air will scorch your lungs and melt clothes to your skin.




Fire is FAST!
In less than 30 seconds a small flame can turn into a major fire. In minutes a house can be engulfed in flames.

Fire is DEADLY!
Smoke and toxic gases produced by fires kill more people than flames do, with asphyxiation being the leading cause of fire deaths.

Fire is DARK!
Fire starts bright, but quickly produces black smoke and complete darkness.

Remember, leave immediately if you feel you're in danger, don't wait for an alert or warning!

WILDFIRE ALERTS AND WHAT YOU SHOULD DO:

| | | |
|--|--|---|
| <p>Red Flag Warning – Stay Alert </p> <p>Fire conditions are occurring (dry, hot, windy).</p> <ul style="list-style-type: none"> ✓ Stay alert to your surroundings via news, government websites, and Alert SCC, the county's alert system. Sign up: www.alertscc.com ✓ Have phone volumes turned up to ensure you hear alerts. ✓ Check with your city to learn about their evacuation plans and where you should go. | <p>Evacuation Warning – Be Ready.  Fire is close.</p> <p>Leave now if you're sensitive to air quality, need extra time, or have large animals.</p> <ul style="list-style-type: none"> ✓ Prepare animals and children for evacuation. ✓ Coordinate with family members who aren't at home and warn your neighbors. ✓ Have bags packed with essential documents and items to meet personal needs. | <p>Evacuation Order – Leave now! </p> <p>Fire is here, you are in danger. You no longer have time to pack or prepare, get out of the area now!</p> <ul style="list-style-type: none"> ✓ Close doors and windows on your way out. ✓ Make your house visible for fire fighters by leaving lights on inside and outside the house. |
|--|--|---|



Objectives

- Understand how to plan an evacuation exercise – start to finish
- Review evacuation planning tools
- Tools to facilitate problem- solving
- Review some real-life examples & lessons learned
- Adding realism
- Share your ideas & experience



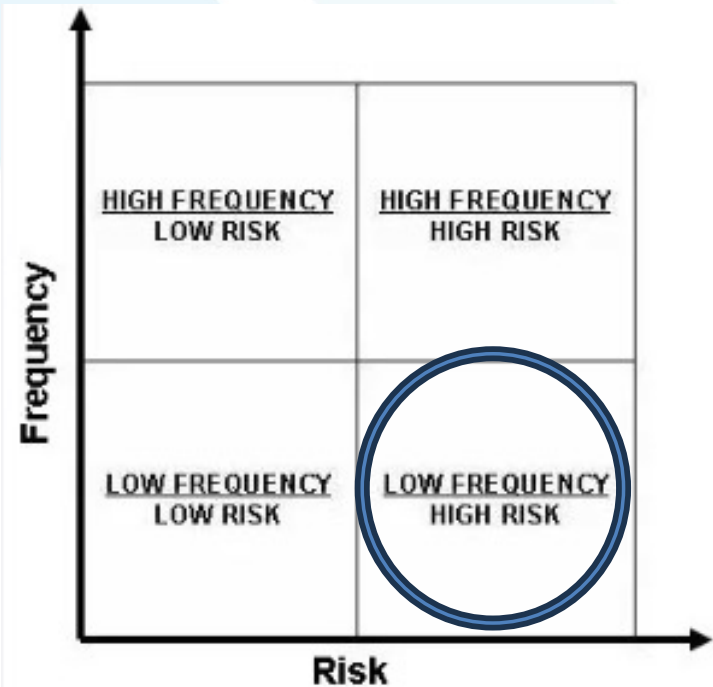
Why Drill

- Legal Requirements
- Test Assumptions
- You always learn something



Why Drill?

- ✓ Preparation for Unexpected Events
- ✓ Familiarity with Safety Equipment and Procedures
- ✓ Identifying Weaknesses in Emergency Planning
- ✓ Boosts Confidence and Morale
- ✓ Promotes a Culture of Safety
- ✓ Compliance with Regulations
- ✓ Maintains Business Continuity





Why Drill?

- ✓ Encourages Teamwork and Communication
- ✓ Helps in Prioritizing Safety Over Productivity
- ✓ **Reduces Liability***
- ✓ Helps in Risk Assessment
- ✓ Ensures Swift Medical Response
- ✓ Maintains order and Reduces Chaos
- ✓ Improves Emergency Services Coordination
- ✓ **Safeguards Reputation***

*What was your plan and how did you train to it?

What do you want the newspaper headline to say on the day after?



Anchorage, AK

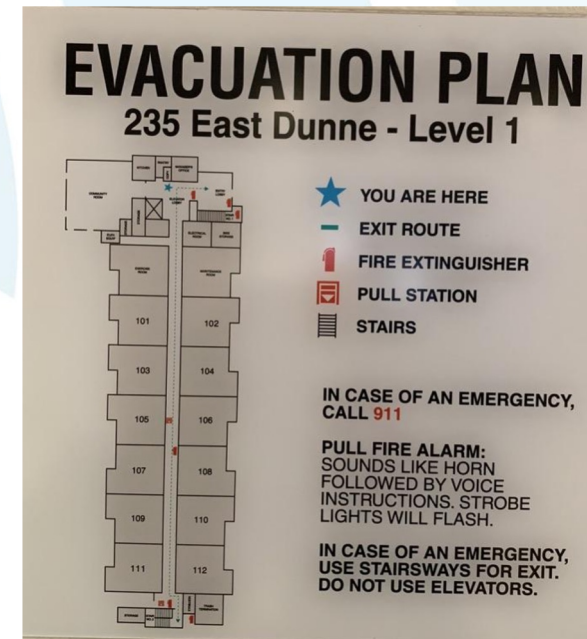
11/30/2018



Planning

- Review existing documents
- Who determines an evacuation is needed?
- Who determines safety to go back inside?
- Who has special skills?
- Who knows how to turn off utilities?
- How are people trained? **
- Who needs to be notified?
- Where can we relocate?

**Have a training plan!





Site Survey

- What potential hazards to evacuation have been identified?
- Are there two exits out of every room?
- Are there fire extinguishers and first aid kits in every room?
- Who has keys to important doors?
- Where are the outside assembly areas?
- Are there potential hazards at nearby businesses that could impact your evacuation?

OSHA

Emergency Action Plan » Evacuation Elements

A disorganized evacuation can result in confusion, injury, and property damage. When developing your [emergency action plan](#), it is important to determine the following:

- [Conditions](#) under which an evacuation would be necessary.
- Conditions under which it may be better to [shelter-in-place](#).
- A clear [chain of command](#) and designation of the person in your business authorized to order an evacuation or shutdown.
- Specific evacuation procedures, including [routes and exits](#).
- Specific evacuation procedures for high-rise buildings.
 - [For Employers](#)
 - [For Employees](#)
- Procedures for [assisting visitors and employees to evacuate](#), particularly those with disabilities or who do not speak English.
- Designation of [what, if any, employees will remain](#) after the evacuation alarm to shut down critical operations or perform other duties before evacuating.
- A means of [accounting for employees](#) after an evacuation.
- [Special equipment](#) for employees.
- [Appropriate respirators](#).

During development and implementation of your draft plan, think about all possible emergency situations and evaluate your workplace to see if it complies with [OSHA's emergency standards](#).



OSHA's Floorplan Examples

- [Diagram](#)
- [Interactive Floorplan](#)



People Planning

Resident Inventory (to help plan an evacuation of the area)

You may set up this inventory any way you like and include additional important information like addresses, apartment numbers, other notes, out-of-area contacts, etc.

| Question | Answer | Notes |
|--|---------------|--------------|
| How many people have cars? | | |
| How many people need transportation? | | |
| How many are children? Infants? | | |
| How many people with limited English? | | |
| How many people are mobility, hearing or vision impaired? | | |
| What medications are needed? How often? Refrigeration? | | |
| How many pets? Do they all have crates/carriers? | | |
| Are there any other special needs? Dietary restrictions, anxiety, etc? | | |
| Will a wheelchair accessible vehicle be needed? How many? | | |



People Planning

- ✓ Don't put people on upper floors who can't go down stairs.
- ✓ Place stair chairs for first responder use.
- ✓ Identify those who need assistance and create a
- ✓ personal plan.
- ✓ Practice the plan more often than the drill.
- ✓ Simulate sounds.
- ✓ Role Play.
- ✓ Increase signage.
- ✓ Learn how to operate durable medical equipment.

Emergency Response Team



Basic First Aid
START Triage
Communications
Coordinating Structure
Light search & rescue

ERT Expectations

- ✓ Get people out
- ✓ Mark areas that are clear
- ✓ Account for staff & visitors
- ✓ Treat injuries
- ✓ Calm everyone
- ✓ Use fire extinguishers
- ✓ Report possible rescues

ERT PPE / Equipment

- ✓ Reflective Vest
- ✓ Hard Hat
- ✓ N95 mask
- ✓ Sturdy shoes / gloves
- ✓ Eye protection
- ✓ 2-way radio
- ✓ Clipboard/Notepad/Forms



Scenario

40 units – Affordable 55+
3 floors

3 wheelchairs and some limited mobility
on upper floors

Provided 3 days notice that the
earthquake drill would occur



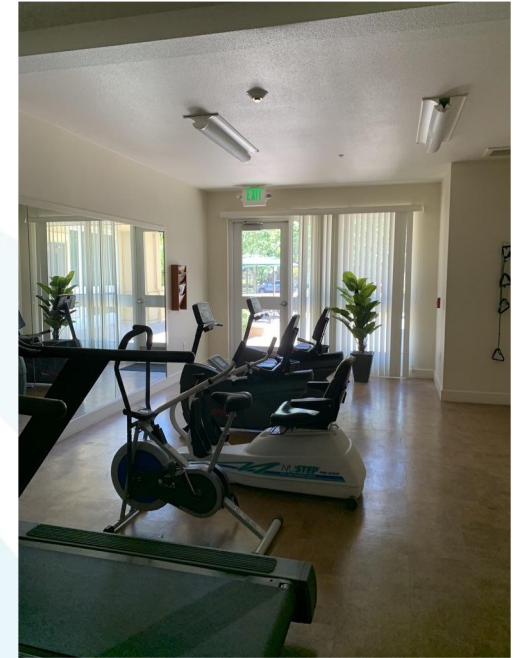
The Drill!

- ✓ Set the date
- ✓ Decide how the drill will be announced
- ✓ Set the objectives
- ✓ Notify participants / set expectations
- ✓ Day before – notify external partners, remind participants
- ✓ Put out signs & communication equipment
- ✓ Run the drill
- ✓ Hold the debrief



Walk Through

Note ALL of the exits.
What resources are available?
Locked doors?
Elevator instructions?





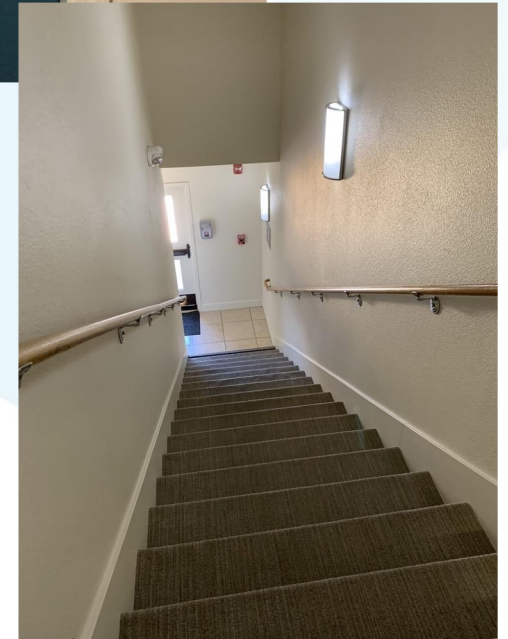
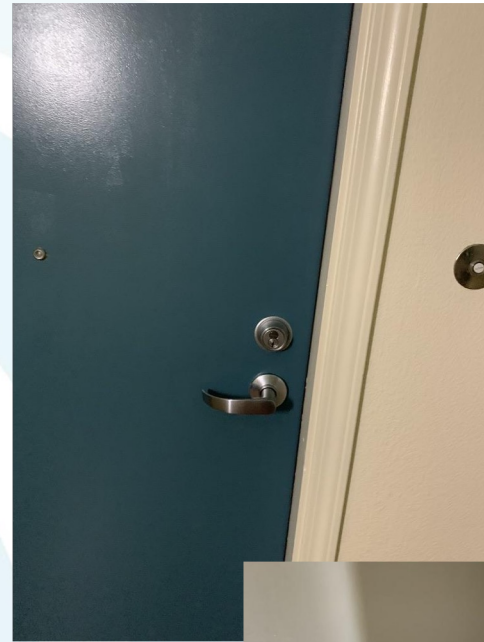
Walk Through

Exits

Clear paths?

Accessible doors?

How to mark all clear?





Evacuation Areas

Accessible paths

Even pavement

Well marked?

Protection from elements?





Hazards?

Archways/Overhangs

Gas / water meters

Drinking fountains

Trees





Instructions

Come to the community room at 10:00 a.m. for a discussion about the evacuation drill

Then we'll go outside





Earthquake Discussion

No fire alarm announcement for earthquake – when do you evacuate?

Any thoughts/concerns while you were evacuating and going to your designated area?

What kinds of hazards will you expect to see?

- In your office space?
- On your way out?
- Outside?

How to protect yourself during shaking.



“Wins”

Relative helped a loved one down the stairs (uses a walker)
Timed it and had him imagine what it would be like with a
bunch of other people around him

Found that the walker (and wheelchairs) couldn't get to the
sidewalk without going down the driveway to the ramp.

Identified the need for water and shade for heat, blanket for
warmth. Will investigate a shed or keep supplies in cars.

Some evacuation sites were too close to the structure.



After the drill..



Hold another drill
Each one invite a neighbor
Put a first aid kit by the exit
Identify a place to go offsite



Post-Drill Discussion

- What if you can't go back inside the building?
- What if someone is injured?
- What if phones aren't working?
- What if it's hot outside?
- What if it's cold?
- What if it's raining?
- What if someone is missing?
- What if you only have one exit out?
- What if you can't drive away from the site?
- What if your cell phone dies?



Scenario Handout

Evacuation Planning – What Ifs

(Below are suggestions. Add anything else you think about. Use your imagination!)
Consider the reason for the evacuation. Earthquake, Building Fire, Flooding, Active Shooter, etc.

What if you can't go back inside?

- Access to important documents/records
- Laptops/Computers
- Irreplaceable items
-

What if it's hot?

- Something to provide shade (trees, tarp, garbage bag, umbrella)
- Water
- Car A/C*
- Walk to nearby building*
-

What if it's cold?

- Warmth (jacket, gloves, space blanket, car heater*)
- Walk to a nearby building*
-

What if it's raining?

- Umbrella
- Rain Coat (33-gallon garbage bag, space blanket)
- Place to sit down (tarp, chairs/benches**, car*)
- Walk to nearby building*
-

Post-Drill Discussion

Supplies from Dollar Tree

Earthquake Supplies from Dollar Tree

- Antibacterial Wipes
- Bag for personal items
- Blistex lip balm
- Can Opener
- Card game (games)
- Deodorant
- Ear Plugs
- Duct Tape
- Flashlight & Batteries
- Garbage bag (rain poncho)
- Gloves (protective)
- Goggles (eye protection)
- Hand Sanitizer
- Kleenex
- Lighter
- Note Pad and Pencil
- Rope
- Scissors
- Shower Curtain (to sit)

Earthquake Supplies from Dollar Tree

- Snacks (crackers, canned food, etc.)
- Socks
- Sunblock
- Toilet Paper
- Toothbrush, cover, toothpaste
- Water (1 gallon per person per day)
- Whistle
- Other personal care, feminine products, as needed.

Add as appropriate:

First Aid Supplies from Dollar Tree (for pets and humans)

- ACE Bandage
- Antibiotic ointment
- Bandage tape (waterproof)
- Bandages (box extra large)
- Garbage bag
- Gauze pads (box 3"x3")
- Hand Sanitizer
- Ibuprofen/headache meds
- Medical gloves
- Nausea medicine
- Q-Tips
- Scissors
- Wash clothes/towels

Add:

Additional items based on your first aid training

Pet Emergency Supplies from Dollar Tree

- Bowls (2)
- Food for 3 days
- Garbage bag
- Hand Sanitizer
- Leash & Collar
- Poop bags
- Toys/chews
- Treats
- Water (1 gallon per pet per day)

Add (as appropriate):

- ID Tags / Vaccinations list (photo on phone)
- Crate/Carrier/bedding
- Litter box
- Medications / Copy of prescriptions
- Photo of you with your pet



Adding Realism

- Someone injured
- Someone missing
- Broken glass
- Natural Gas Leak
- Hanging/downed wires
- Broken water line
- Exit door is stuck
- Smoke machine
- Dramatic Actors / Moulage



Survey Poll

5 minutes



Communicate | Coordinate | Collaborate | Cooperate

Connect

Serve

Support



Who Wants to Play??

- Set a date
- Invite other organization representatives
- Hold the drill
- Discuss the lessons
- Repeat at another site

Contact: admin@cadresv.org



Thank You!

We appreciate your partnership!

Marsha Hovey

marsha@cadresv.org

408-722-1210



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