

Firewise Old Oak Way Community

Saratoga, California

Education Training June 2, 2022

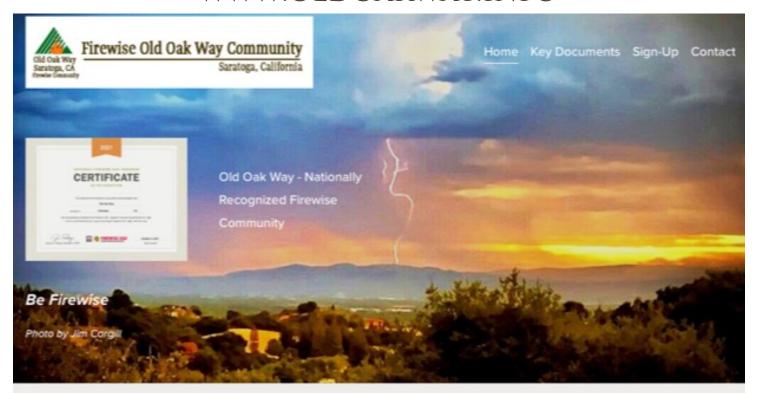
Firewise 2022 Action Plan – Year 3

- **Education**. The focus of our 2022 education training will be on fuel reduction and Defensible Space. Include evacuation update and possible Schedule training session, publicize it via email to neighborhood. Add education materials to OldOakWay.info. Send email to members on 5 ft Zone 1 and on tree safety. Incorporate Neighborhood Watch integration into our training program.
- **Defensible Space**. Emphasize/Focus on 1) Zone 1 removal of all flammable materials from 5 feet around the home and 2) fire safe trees. Many homes in our neighborhood were built 60-70 years ago and 1) vegetation has grown against the homes causing a fire brand risk and 2) trees have grown over and against the homes. With the city's renewed focus on fire safety in the WUI and encouraging fire safe tree trimming and the removal of dead and fire prone trees, Zone 1 and tree fire safety will be our focus for 2022. Reduce fuel load in area along creek between House Family Vineyards and 12906 and 12885 Chiquita Court.
- **Road Safety**. Continue to work to trim vegetation near the road to increase visibility and remove fuel, especially on the curves at 13385 to 13456 and 13358 to 13492 to improve road fire and traffic safety. Work with city on improved signage and street repair at 13341, 13385 and 13553. Ensure installation of Firewise signs in prominent positions.
- **Fire Emergency Evacuation**. Advance the negotiations with the Garrod Family to provide an emergency exit at the top of Old Oak Way. Work with city and Garrod Family to get permission to improve the unpaved exit route. If Garrod route cannot be agreed to, pursue alternative emergency exit onto Villa Oaks. Continue to publicize the current "Shelter in Place" plan on the House Family Vineyards property, Utilize the existing trails for foot level evacuation if ever needed.
- Membership. Expand membership area at southern end near the creek, add 5 new homes to our Firewise area with 3 new members. Enroll two members between 13463 and 13519.
 Hold a 2022 Block Party where we invite all homes in our Firewise Community with the fucus being to get more homes to sign up and to encourage them to create Defensible Space and fire safe tree management.

Firewise 2023 Action Plan – Year 4

- **Education**. Continue our education focus on Defensible Space and Evacuation, explore possible "evacuation fire drill". Encourage HIZ inspections. Schedule training session, publicize it via email to neighborhood. Update OldOakWay.info web site with new training materials and meeting minutes.
- **Defensible Space**. Continue 2022 focus on fuel reeducation, Defensible Space and HIZ inspections. This will be a multiple year effort as we have "mature" trees and landscaping since many of our homes were built 30-60 years ago. The steep hills in our neighborhood together with the close proximity to Open Space makes it even more important that we remove fuel and trim our trees where needed for fire safety.
- Road Safety. In late 2021 the city made several road safety improvements (Surface and curb improvements, double yellow lines, raised orange reflectors, etc. and plan to make additional improvements). Neighbors made further improvements (site line improvements, driveway and curve mirrors, etc.). During 2022 we need to evaluate those improvements and identify, with neighborhood suggestions, further safety improvements. We will also work toward neighborhood agreement on safety mirror improvements near the bottom of Old Oak Way and implement where agreement exists.
- **Fire Emergency Evacuation**. With only one exit from Old Oak Way, we need to be prepared for emergency exit independent of the location of any fire (bottom, middle or top of OOW). We will continue the work of 2022 to insure we are prepared for whatever comes our way. Explore use of What's App User Group for emergency notification.
- **Membership**. Continue to grow our membership by recruiting additional members in our Firewise area and consider expansion to cover additional adjacent homes depending on interest. Hold a 2023 Block Party inviting all homes in our Firewise Community with the focus being to get more homes to sign up and to encourage them to create Defensible Space and fire safe tree management.

WWW.OLDOAKWAY.INFO



Join Our Firewise Community

Please click this button to join our Firewise Community.

Join Now

Request an HIZ Inspection

A trained representative from the Santa Clara County FireSafe Council will inspect your property with you. They will review defensible space and make recommendations. You will receive a written copy of their recommendations.

Request an HIZ Inspection

Latest Updates

Meeting Minutes

Our letter of approval as a Nationally Recognized Firewise Community

Check out our photos from our September 9th 2021 Block Party.



Firewise Documents

Creating Defensible Space

Reducing Wildfire Risks in the Home Ignition Zone

Firewise Fact Sheet: NonCombustible Zone

Firewise Fact Sheet: Prepare for Wildfires

Firewise Fact Sheet: Attic Crawl Space

Firewise Fact Sheet: Fencing

Firewise Fact Sheet: Coatings

Firewise Fact Sheet: Exterior Sprinklers

Firewise Fact Sheet: Roofing Materials

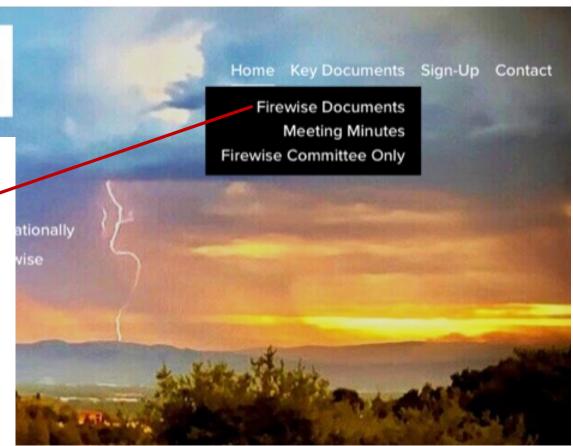
Living with Fire in Santa Clara County

Fire Resistant Plants

Landscape Lessons from SC Sentinel

Home Insurance Checklist

Insurance Recommendations



Creating Defensible Space

Creating Defensible Space



Homes survive wildfire through a combination of the

- following factors:

 Awareness and management of combustible
- materials on the property, especially within the first 5 feet of the home.
- · Incorporation of fire and ember resistant construction materials, installation details, and
- Careful plant selection, landscape placement, and

The goal is to avoid home ignition from blowing embers.

- Use noncombustible materials such as rock, stone pavers, cement, bare earth, gravel, or sand

- Remove all plants and shrubs near windows.
 Remove leaves and needles from your roof, skylight, and rain gutters.
 Clear vegetation and items that could catch fire from around and under decks.
- Remove dead branches that overhang or touch your roof.
 Keep branches 10 feet away from your chimney and roof.
 Remove all leaves, needles, or other debris that fall in this zone.

- The goal is to reduce heat and movement of flame
- · Remove all dead plants, grass, and weeds
- Actively prune live shrubs
- Relocate woodpiles outside of this zone
- · Avoid extensive use of mulch, which can convey fire to the house

- · Create islands of vegetation with horizontal spacing between shrubs and trees.
- Create vertical spacing between grass, shrubs, and trees.
- Choose low-growing, irrigated, non-woody plants such as vegetables, succulents, erosion-control grasses, flowers, or lawn to create landscaping in this zone.
- Mow or remove dead or dried vegetation.
- Trim trees regularly to maintain a minimum of 10 feet of clearance between branches of adjoining trees or shrubs.
- Mow any grass to a maximum height of 4 inches.
- To protect water quality, maintain vegetation near waterways; do not clear to bare soil. Vegetation removal
 can cause soil erosion that damages streams, especially on steep slopes. Remove dead trees and shrubs, leaving the roots in place, if practical.
- Break up dense shrub cover on slopes by creating small islands of pruned shrubs staggered horizontally.
- Prior to evacuation, pull patio furniture, play sets, and gas BBQ tanks as far as possible from any structure,

Prepare for Wildfires



ILDFIRE RISK REDUCTION STEPS THAT CAN MAKE YOUR HOME SAFER DURING A WILDFIR

HOME (ONTION ZONES)

milling the amount of flammable vegetation, choosing fire-resistant siding materials and construction techniques, along with periodic techniques are increases the ances your home will survive a wildfire when exposed to embers sidor a surface fire. The zones include the Immediate Zone: 0 to feet around the house; Intermediate Zone: 5 to 30 feet; and the ctended Zone: 30 to 100 feet

LANDSCAPING AND MAINTENANCE

I reduce ember (ignitions and fire spread, trim branches that
rerhang the home, porch and deck and prune branches of large
eas up to (depending on their height) 6 to 10 feet from the ground,
amove plants containing resine, oils and waxes and ensure
ulches in the Immediate Zone (to 5 feet around the house) are

FIRE RESISTIVE CONSTRUCTION

ROOFING AND VENTS

alsa A first-rated roofing products offer the best protection, camples include; Composite shingles, metal, concrete and clay see. Inspect shingles or not files and replace or repair those that a loose or missing to prevent ember penetration. Box-in- eaves, at provide ventilation to prevent condensation and mildew. Roof id attic vents should be accessed to prevent ember ember only.

ver store flammable materials underneath decks or porches emove dead vegetation and debris from under decks/porches and itween deck board joints.

SIDING AND WINDOWS here so collect in small nooks and crannies and ignite smbustible materials; radient heat from flames can crack windows. se fire-resistant siding such as brick, fiber-cement, plaster or ucco and dual-pane tempered glass windows.

EMERGENCY RESPONDER ACCESS
sure your home and neighborhood has legible and clearly marked
reet names and numbers. Driveways should be at least 12 feet
ide with a vertical clearance of 15 feet, for emergency vehicle

Develop, discuss and practice an emergency action plan veveryone in your home. Include details for pets, large animals i livestock. Know two ways out of your neighborhood and hav pre-designated meeting place. Always evacuate if you feel unsafe to stay - don't wait to receive an emergency notification you feel threatened from the fire.



- Store firewood away from the home
- Mow the lawn regularly Prune low-hanging tree branches
- Landscape with fire-resistant plants
- · Create small fuel breaks with hardscaping features

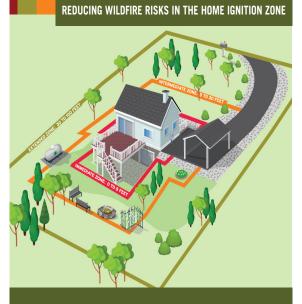
TALK TO YOUR LOCAL FORESTRY AGENCY OR FIRI DEPARTMENT TO LEARN MORE ABOUT THE SPECIFIC WILDFIRE RISK WHERE YOU LIVE.





VISIT FIREWISE.ORG FOR MORE DETAILS

Reducing Wildfire Risks



Projects and tasks that can increase a home's potential survivability in a wildfire.

Attic & Crawl Space



/indblown embers can enter attics and crawl spaces through vents.

INSTALLING THE RECOMMENDED MESH SCREENING AND ELIMINATING STORAGE IS CRITICAL TO REDUCING BUILDING IGNITIONS DURING A WILDFIRE.

VENTS IN ATTICS AND CRAW. SPACES
Aftic and crawls space vents, and other openings on the vertical wall of a home, serve important functions, including providing ventilation to remove unwanted moisture from these typically unoccupied spaces and open for gas polylines such as hot water heaters and furnaces. Wind-obtom embers are the principal cause of business gravitations with the providing synthem control of the providing synthems and state of the providing synthems. As the providing synthems are more easily ignited by embers, so limiting the entry of embers into attic spaces is critical. Adding to the problem are the combustible materials we tend to store in these spaces (e.g., curboard boxes, old clothes and other combustable materials) because embers accomistate against them and they can be easily gravitate.

HOW VENTS FUNCTION

Ventilated attic spaces have openings in two locations, Inlet air comes from vents located in the under-leve area at the edge of your not. Exting air leaves through vents located on the line for of at the gibble ends of your home. If your home is built vents located on the line of or at the gibble ends of your home. If your home is built cross-welltation. Descriptions of your located at the IRIS Research Celter demonstrated that regardless of whether a vent had an inlet or outlet function, when wind blows against its face, it is a inlet vent. Therefore, any vented opening on your home should be able to resist the entry of enthers. Univented attain and cravilgace designs are available for some enach of the country, these designs are more easily implemented within a construction. Check with local building code officials to see if this is an option where you let the property of th

USE MESH SCREENING TO REDUCE EMBER ENTRY INTO VENTS

USE MESIS GREENING TO REDUCE FAMILY INTO VEHTS

Building codes require veet openings to be covered by correction resistant metal stating codes require veet openings to be covered by correction resistant metal stating codes require veet openings of the control o

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NonCombustible Zone

IMMEDIATE (NONCOMBUSTIBLE) ZONE

Wildfire risks are on the rise, but there are ways home and business owners can take control of their vulnerabilities. Changes made to a structure and its surroundings within 100 feet can make paig impact. Research from the insurance institute for Business and Home Safety (BHS) shows that the first 0 to 5 feet around the structure, known as the immediate zone or noncombustate zone, but she greatest impact onyour risk, IBHS and the National Fire Protection Association* (NFFAP) recommend keeping this zone well-markand and older of combustible materials.

The main objective of the O-to-5-box zone is to reduce the potential that embers landing read in building will gintle helds and expose the areas around a home to a direct time received the properties of the p

Key Observations

- For combustible landscaping, such as wood mulch, the thickness of the mulch bed, wind speed, and location of the flame and building all impact the potential of mulch to ignite and how quickly fire can spread to the building.
- Burning mulch generates embers that can ignite nearby mulch, increasing the chances of direct flame contact spreading to the building.
- chances of direct flame contact spreading to the building.

 When flames are 5 feet away, a building's surface temperature is below temperatures that could cause ignition. However, corners of a building (65-degree angles) experience a higher temperature when exposed to funnes, even when a regist of thirds, even when a surface of the properation of the pr

- · Keep gutters free of debris and use metal gutters.
- . Install hard surfaces, such as a concrete walkway, or use noncombustible mulch products, such as rock.
- Keep the lawn well irrigated and use low-growing herbaceous (non-woody) plants. Shrubs and trees are not recommended in the 5-foot zone.
- Remove dead vegetation and implement a maintenance strategy to keep the 5-foot zone clear of dead plant materials.
- Mitigating home ignition zones shouldn't stop at 5 feet from the building. It should be combined with the footprint of an attached deck and area that extends away from the building up to 100 feet or to the property line.



- For online training and other resources
- ► Access the latest research from IBHS at



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Fencing



Material, Installation

NONCOMBUSTIBLE FENCING PRODUCTS REDUCE POTENTIAL HOME IGNITIONS Many wildfire educational programs, along with the Insurance Institute for Business & Home Safety (IBHS) recommend noncombustible fencing products when placed

A nonconstable zone initimizes the likelihood of which about mothers (gitting interesting the state from the likelihood is not must be breaked in ceils of the situating interesting motion and connectiful in a realist heat and/or flaming exposure to the building's externic Using oncombustable fearing where it attaches to the building reduces the opportunity of a burning fence igniting the outerior of the structure. Fencing products are often in the connection of the structure is recommended. Observations made using the 2012 Waldo Canyon fire in Colorado Springs, CO provided evidence that burning fencing generates embers that can result in additional gindings down without the colorado springs. CO provided evidence that burning fencing generates embers that can result in additional gindings down without the colorado springs.

PERMETER FENCING
When neighboring buildings are located within 20 feet of each other, use of steel fencing for the permeter area can serve as a radiant barrier, providing added protection should a neighboring building ignite and burn. Research in Australia demonstrated the ability of panelized steel fencing to resist a radiant hat exposure of the provided of the p

RESEARCH FINDINGS TO HELP AVOID FENCE IGNITIONS

Recent research conducted by IBHS and the National Institute of Standards and Technology (NIST), both independently and in a collaborative project, provided additional information about the vulnerability of combustible fencing.

Photo Captions:

Flame spread to the building when combustible debris was at the base of the fence.







Coatings



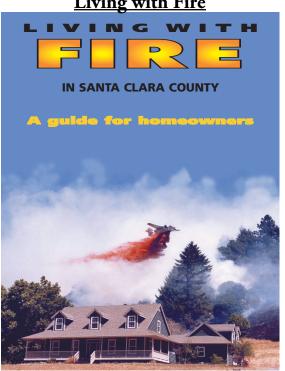
Buildings threatened by wildfire can be mitigated through the development of a strategy that addressess the built environment, vegetation, and other combustible materials on the property. Use of noncombustible materials and ember-esistant design features are examples of strategies that reduce the vulnerability of homes to worldfer. The use of contings has been suggested as a strategy to provide enhanced considerability of the property of the property of the property of the located in wildfire-prone areas, particularly when a combustible siding product is installed and other homes are nearby. In these cases, it can be argued that applying a coating is a less expensive option than replacing a combustible product with one that is noncombustible.

Next a sample of a casting is what's commonly referred to as a "get." Gets are water absorberin polymen that can be applied to a building component to provide temporary protection from radient heat or filames. You may have heard of these products being populate to herea where a widdire is threadening. Once applied, the absorbed water starts to evaporate, whether or not the wildfire actually arrives, and therefore the time that a get costing is effective is imitted. The effective times.





Living with Fire



Exterior Sprinkler Systems

EXTERIOR SPRINKLER SYSTEMS

Functionality and Installation

The function of an exterior sprinkler system is to minimize the opportunity for ignition by wetting the home and surrounding property. Sprinkler systems should be able to protect a home against the three basic wildfire exposures: wind-blown embers, radiant heat and direct flame contact.

- Sprinklers systems can be mounted in one or more locations, including:
- . Under the eave at the edge of the roof.
- On the property, in which case the sprinklers are directed at the home from multiple locations surrounding it.

Ember ignition of combustibles located on or near the home can result in a radiant and/or flame contact exposure (Photo 2). Water should reach all vulnerable areas for the system to have maximum effect both on and near the home (Photo 3).

- The water supply should be adequate to deliver water, when needed, for the time embers could threaten a home. This period could be up to 8 hours.
- Check with your local fire department if your sprinkler system uses water from a municipal supply; they may have suggestions to help minimize water consumption.
- The effectiveness of a sprinkler system is questionable when a neighboring home is burning, since this would result in an extended radiant heat and/or contact exposure to the home.
- These systems can be activated manually or by an automated device, such as a sensor that detects heat or flame, or by an SMS-enabled cell phone. The ability of these systems to activate based strictly on an ember exposure has not been determined. Since wind-blown embers can be transported for up to a mile from the flame front of a wildfire, this may be a limitation.
- The most threatening wildfires occur during high-wind events and the homeowner should consider how the distribution/transport of water droplets may be influenced by elevated wind speeds.

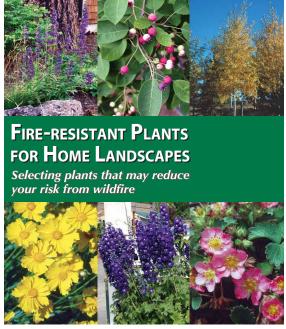
Recommendations.

Given the potential issues regarding performance, it's recommended that use be a supplement to, and not a replacement for, already proven mitigation strategies, such as the reduction of potential fuels throughout the home ignition zones, along with removal of roof and gutter debris, and use of noncombustible and fire/ember-





Fire-Resistant Plants



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Roofing Materials



HOMEOWNERS NEED TO IMPLEMENT RISK REDUCTION ACTIONS THAT MAKE HOMES BETTER ABLE TO SURVIVE A WILDFIRE - AND THE ROOF IS A GREAT PLACE TO BEGIN!

HOW HOMES IGNITE

Homes ignite in one of three ways: embers/firebrands, radiant heat exposure or dir filame contact. An example of an ember ignition is when wind-blown embers accur on combustible materials such as a wood shake roof. An untreated wood shake or shingle roof covering is the greatest threat to a home.

ROF COVERNICS AND ASSEMBLES A. B. C. or unstated, with Class A providing the best performance. Common Class A nod coverings include septial fileograps: composition performance. Common Class A nod coverings include septial fileograps: composition simplest, concrete and fullsburst-shaped lites. Some materials have a "by assembly" Class A fire rating which means, additional materials must be used between the nod class of the residence of the second section of the second section of the second section of the section

TILE AND ROOF COVERINGS WITH GAPS BETWEEN THE COVERING AND ROOF DECK

Flat and barrie-shaped lites, netal, and coment not occerning can have gaps between the not covering and barrie-shaped lites, netal, principal, occur at the right, and degle of notifs. These openings can allow brish and roberts to build nest swith materials that are easily gindle members, bypassing the protection offered by a Class A rate of coloring the members, bypassing the protection offered by a Class A rate of not covering. Plugging these openings between the not covering and the not deck, is commonly called "bird stopping," Regularly imposts and mantaint meas areas.

DERRIS ACCUMULATION - ROOF AND GUTTERS

DEBRIS ACCUMULATION - 800F AND GUTTERS Wind-blown defins (including leaves and prine needles from nearby and overhanging tree will accumulate on roots and in gutters. Dry debris can be ignited by wind-blown embers These flames can extend to the edge of the roof and sighester staing. Even with Class A leaves the state of the state of the state of the root and state of the from the ignited debris. Regularly remove vegetative debris from your roof and gutters.

ATTICS, CRAWLSPACES, SOFFITS AND FAVES



VULNERABILITY TO WILDFIRE





Home Insurance Check-up



Home Insurance Check UP

Here are questions to ask your agent to make sure your home insurance is up to date:

- Will this policy be adequate if I have a total or large loss? Will it cover the cost of rebuilding my home
 to its pre-loss condition, including demolition, debris removal and replacement of the foundation and
 roof to current building code standards?
- 2. What causes of loss are not covered?
- 3. What discounts do you offer and how do I qualify for them?
- 4. What items are subject to limits or exclusions and for which of these limits or exclusions should I consider adding coverage?
- 5. How much can I save if I increase my deductible? Is there more than one deductible in the policy? Is the deductible waived if there is a large loss?
- Is my Coverage C (Personal Property) for Replacement or Actual Cash Value? If replacement value is not included, what would it cost to add this coverage?
- 7. What are my options for insuring my home-based business property and operations?
- 8. Do I have enough coverage to replace my unique or special items such as electronics, piano, jewelry, fine art, oriental rugs, wine, collectibles, etc.?
- 9. For how long will my temporary rent and related expenses be covered while my home is being repaired or rebuilt after a loss? Is there a total dollar cap, monthly cap or time limit on this coverage? Do you offer a policy with two years of Additional Living Expense coverage?
- 10. If someone sues me, will my liability coverage pay for legal fees?
- 11. Is my Coverage E (Personal Liability) limit enough to protect my assets and future income?
- 12. What if construction costs jump as they often do after disasters?
- 13. Will my insurance cover the cost to upgrade electrical, plumbing and other building codes upgrades if I have to make repairs or rebuild my home?
- 14. Are there limits in this policy on replacing property if there's a need to match or if damage is considered cosmetic only?

FIREWISE OLD OAK WAY EMERGENCY EVACUATION PLAN



- 1. Grab your grab bag and exit Old Oak Way via Pierce Road in a direction away from any fire.
- 2. If the exit to Pierce Road is blocked by fire or in any other way, proceed uphill to 13330 Old Oak Way, the home of Jim and Shelley Cargill.
- 3. Park in on the lawn in front of 13330 Old Oak Way. That area will be protected with fire hoses and sprinklers connected to the fire hydrant there.
- 4. If the fire should threaten that location, you will be directed to walk west towards Garrod Farm where you, your pets and family can shelter in the Garrod pasture and/or vineyards.
- 5. After Fire Department arrives, follow their instructions.



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