Cold Creek



Clark County, Nevada

Community Wildfire Risk Assessment

Total Assessed Rating



182 - High

Suppression Rating

Extreme Hazard

Surrounding Environment Rating

Extreme Hazard

Structures Rating

<u>High</u> Hazard

Fire Protection District

Clark County

Fireshed(s)

Lower Indian Springs Valley

Community Information

Latitude 36° 25' 30"

Longitude -115° 44' 22"

Dwelling Units 100

Size 734.27 acres

Community Type Agricultural/Rural

Assessed By: Raul Arroyo

Assessment Date: 06-03-2022

SUPPRESSION ASSESSMENT

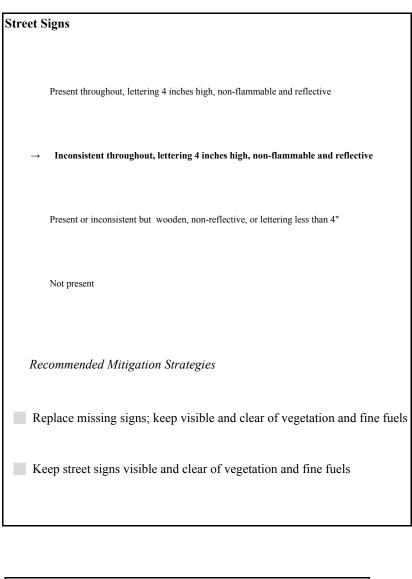
Ingress and Egress 2 or more roads in/out with NO response/evacuation complexity 2 or more roads in/out with SLIGHT response/evacuation complexity 2 or more roads in/out with MODERATE/HIGH response/evacuation complexity → One road in and out (entrance and exit is the same) Recommended Mitigation Strategies

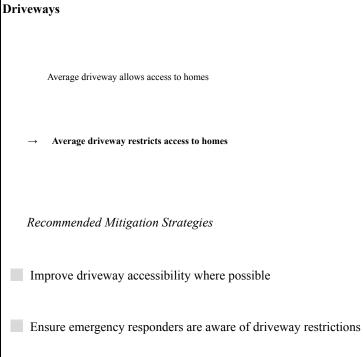
Consider developing safety zones and a plan for Shelter-in-Place; c Department	onsult with Local Fire
Consider adding a secondary ingress / egress route for use in emerg	gencies
Coad Width	
Road width is > 24 feet	
→ Road width is > 20 feet and < 24 feet	
Road width is < 20 feet	
Recommended Mitigation Strategies	
Keep shoulders of road clear for emergency vehicle use at all times	
Consider providing pull-offs every 100 yards	
coad Accessibility	
Surfaced road	
→ Non-surfaced road, grade less than or equal to 5%	

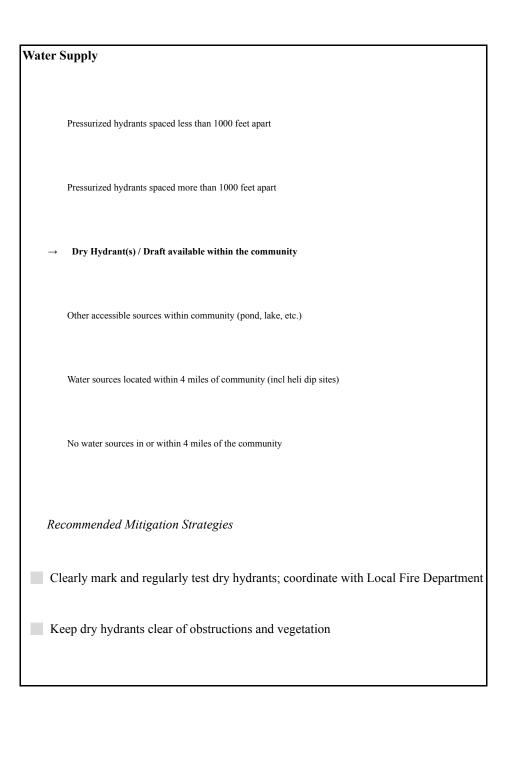
Non-surfaced road, grade greater than 5%

Keep community ingress/egress open and maintained (cleared of vegetation, vehicles, and/or any obstructions)

Non-maintained dirt road	
Recommended Mitigation Strategies	
Consider road improvements to reduce the risk driving in extreme grades, tight corners, and road intersections	
Coordinate with fire department to test access with emergency response vehicles	
Secondary Road Terminus	
Roads ends in a cul-de-sac, diameter > 100 feet	
→ Roads ends in a cul-de-sac, diameter < 100 feet	
Dead end roads <200 feet long	
Dead end roads >200 feet long	
Recommended Mitigation Strategies	







Geographic Features

No notable geographical features present to hinder fire suppression

Recommended Mitigation Strategies Ensure emergency responders are aware of local geographic features that can hinder fire suppression efforts; consider pre-suppression plan Local Response Resources 5 mi. or less from Agency with Response Authority (Staffed FD) 5 mi. or less from Agency with Response Authority (Mixed Staff/VFD) → 5 mi. or less from Agency with Response Authority (VFD)
Suppression efforts; consider pre-suppression plan Local Response Resources 5 mi. or less from Agency with Response Authority (Staffed FD) 5 mi. or less from Agency with Response Authority (Mixed Staff/VFD) → 5 mi. or less from Agency with Response Authority (VFD)
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→ 5 mi. or less from Agency with Response Authority (VFD)
> 5 mi. from Agency with Response Authority FD
Recommended Mitigation Strategies
Establish and maintain contact with the closest Fire Department; consider pre-suppression plan
Be aware of the importance of early detection and reporting of any emergency
Consider Volunteer recruitment from the Community

Community Organization/Governance

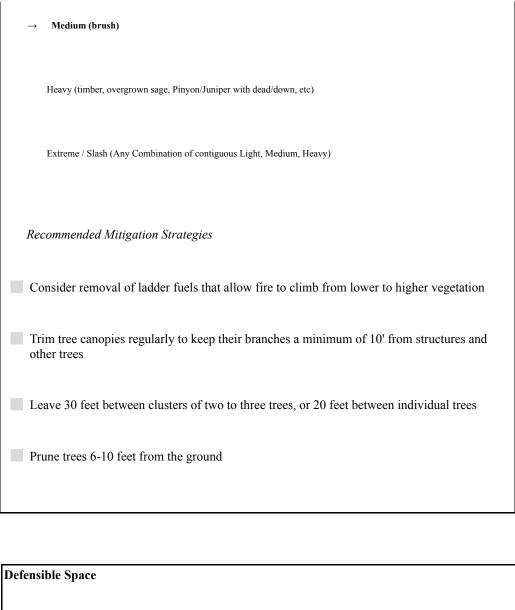
Suppression efforts hindered by geographical features (e.g. hazardous terrain)

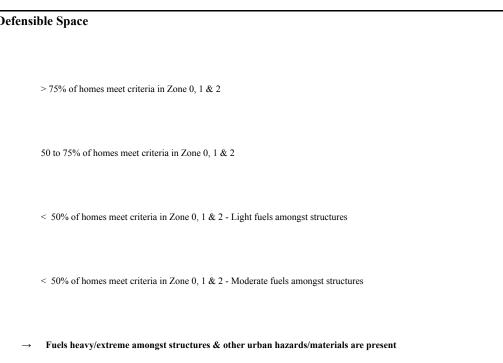
GID present; HAS structure for sustained fire prevention and mitigation
HOA present; HAS structure for sustained fire prevention and mitigation
Municipal govt present; HAS structure for sustained fire prevention and mitigation
GID present; LACKS structure for sustained fire prevention and mitigation
→ HOA present; LACKS structure for sustained fire prevention and mitigation
Municipal govt present; LACKS structure for sustained fire prevention and mitigation
Lacks any structure for sustained fire prevention and mitigation
Recommended Mitigation Strategies
Work with community to become more proactive towards protecting your life and property against wildfires; Become a Firewise USA® Site
Host a Community Education Event at least once a year; Become a Firewise USA® Site
Complete Community Risk Mitigation Project(s) as identified by Community Action Plan

SURROUNDING ENVIRONMENT ASSESSMENT

Predominant Vegetation

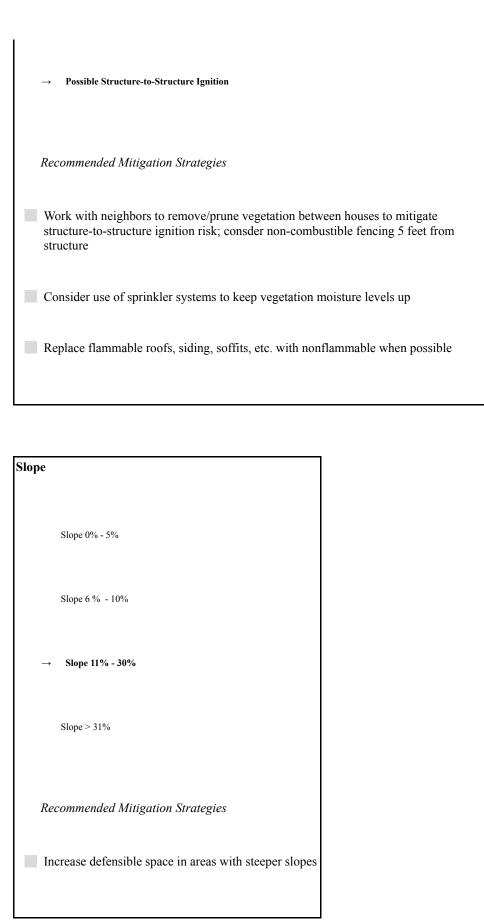
Light (grass)





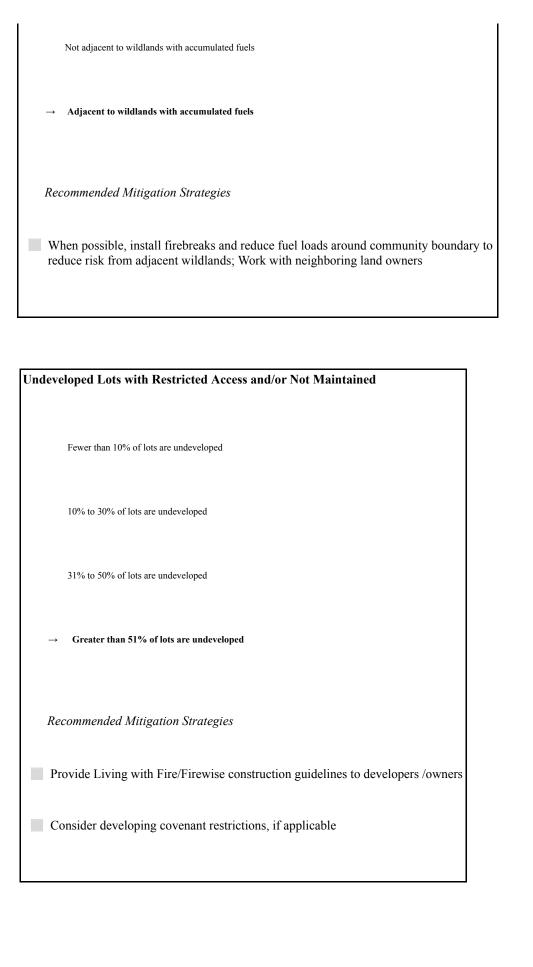
Recommended Mitigation Strategies
Be aware of the risks from falling embers in relation to nearby fuels and defensible space
Mow lawns regularly
Water grass, plants, trees and mulch regularly
Create a spacing of 30 feet between tree crowns
Create a non-combustible area (zone 0) within 5 feet of your home, using non-flammable landscaping materials
Remove dead vegetation from under the deck and within 10 feet of the house; stack firewood away from structures
Consider xeriscaping
Plant a mixture of deciduous trees (e.g. oak and maple) and coniferous trees (e.g. pine)
Create fuel breaks like driveways and gravel walkways
Remove smaller conifers that are growing between taller trees
Remove heavy accumulations of woody debris
Clean up and remove flammable 'urban' materials within 30 feet of structures (garbage, abandoned vehicles, household debris, wood piles/debris, etc)

Structure-to-Structure Ignition



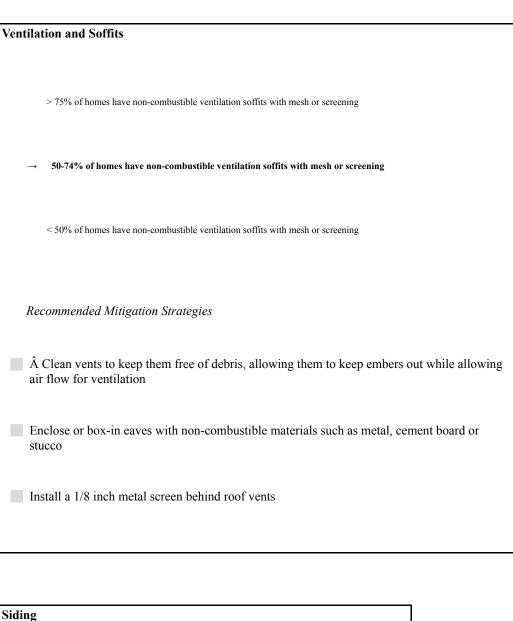
→ No above ground electric transmission lines present	
Above ground electric transmission lines are maintained	
Above ground electric transmission lines are NOT maintained	
Recommended Mitigation Strategies	
Know who to call should there be a problem with electric lines in community	
Topographical Features	
No topographical features adversely affect wildland fire behavior	
ightarrow Topographical features adversely affect wildland fire behavior (box canyons, chimneys, etc.)	
Recommended Mitigation Strategies	
Maintain situational awareness of fire danger in your area, as local topographic adversely affect wildland behavior	ical features can

Adjacency to Wildlands



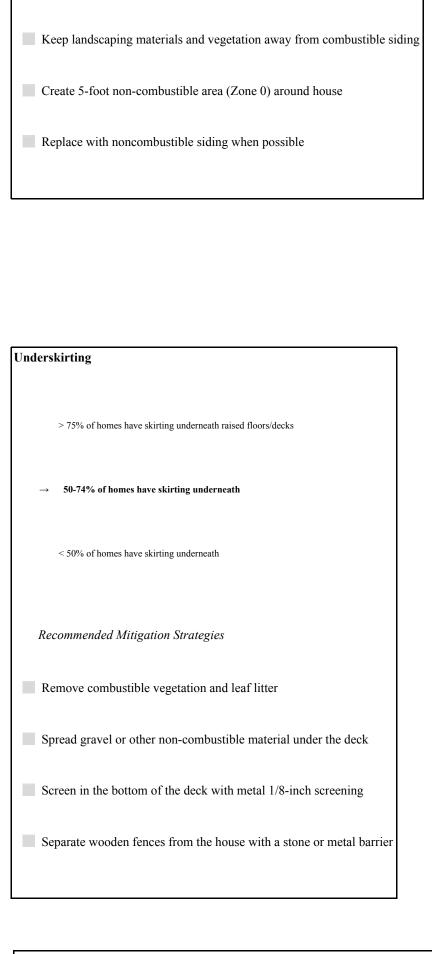
Roofing Materials
\rightarrow > 75% of homes have metal, tile or class A asphalt or fiberglass shingles
50 to 75% of homes have metal, tile or class A asphalt or fiberglass shingles
< 50% of homes have metal, tile or class A asphalt or fiberglass shingles
Recommended Mitigation Strategies
Use fire-resistant roofing material such as metal, tile or Class A shingles
Inspect for and address gaps in roofing that can expose roof decking or supports
Place angle flashing over openings between the roof decking and fascia board

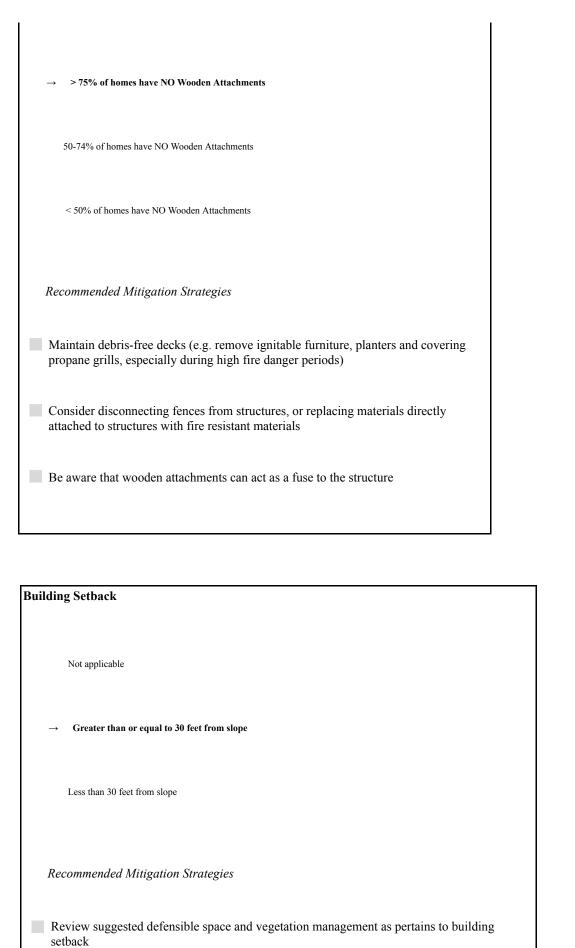
Debris on Roof and/or Gutters No → Yes Recommended Mitigation Strategies Clear branch, leaf-litter and other debris from roof and gutters regularly Prune tree limbs away from roof



- > 75% of homes have non-combustible siding
- 50-74% of homes have non-combustible siding
 - < 50% of homes have non-combustible siding

Recommended Mitigation Strategies





Propane
> 30 feet from the house and surrounding vegetation maintained
ightarrow Fewer than 30 feet from the house and/or surrounding vegetation not maintained
N/A
Recommended Mitigation Strategies
Clear ALL flammable debris and materials from around propane tank regularly
Consider setting propane tank on concrete or gravel pad

Electric Utilities Electric Underground → Electric Overhead drop maintained Electric Overhead drop not maintained Recommended Mitigation Strategies

Keep vegetation pruned and mowed around electric cabine	ts
Place non-flammable mulch (rock, stone) around base of elec	etrical cabinets
Plant less flammable bushes and shrubs around electrical cab	inets
Non-Combustible Zone 0	
> 75% of homes/outbuildings have adjacent 5-ft non-combustible zone	

50-74% of homes/outbuildings have adjacent 5-ft non-combustible zone

 $\leq\!50\%$ of homes/outbuildings have adjacent 5-ft non-combustible zone

Recommended Mitigation Strategies

N/A

COMMENTS

fuels most definitely fuels reduction and education needed.

HOA present

100 homes

22 hydrants

1 pond

1 ccfd vdf

need to be able to have more selection instead of one.

Nevada Natural Resources and Fire Information Portal - Community Assessor