

KING CONSERVATION DISTRICT

Managing Wildfire Risk for Our Western Washington Farms



**Local Food
Healthy Forests
Clean Water
Better Ground**

Today's Outline

- **King Conservation District Wildfire Services**
- **Fire behavior**
- **Defensible Space**
- **Evacuation Plan w**





Lytton BC 2021 Wildfire



Before April 1, 2021



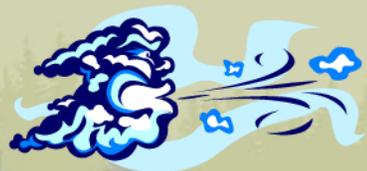
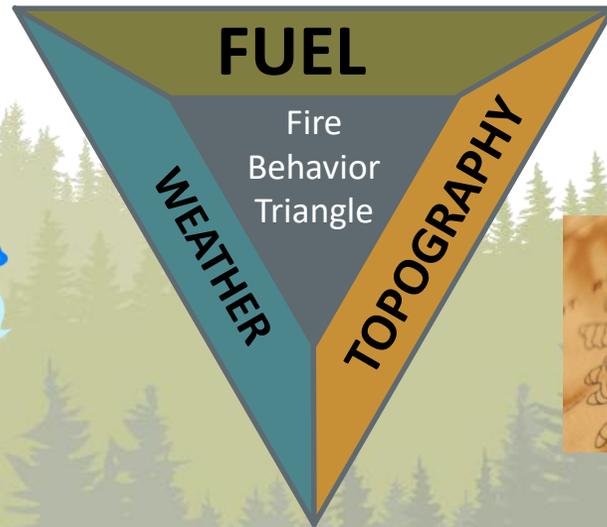
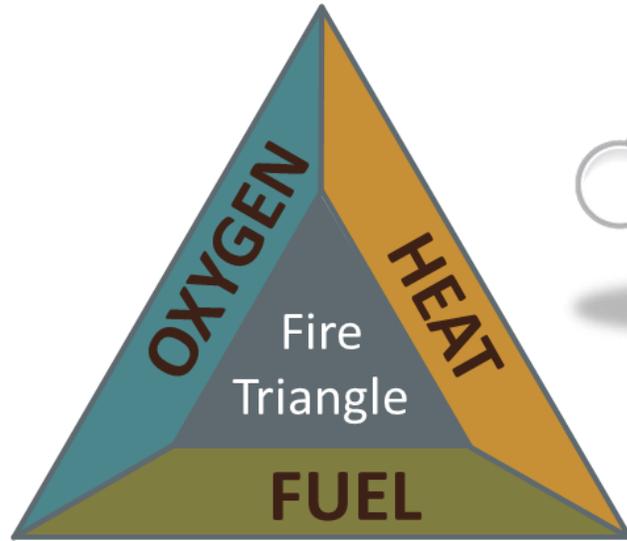
After July 1, 2021

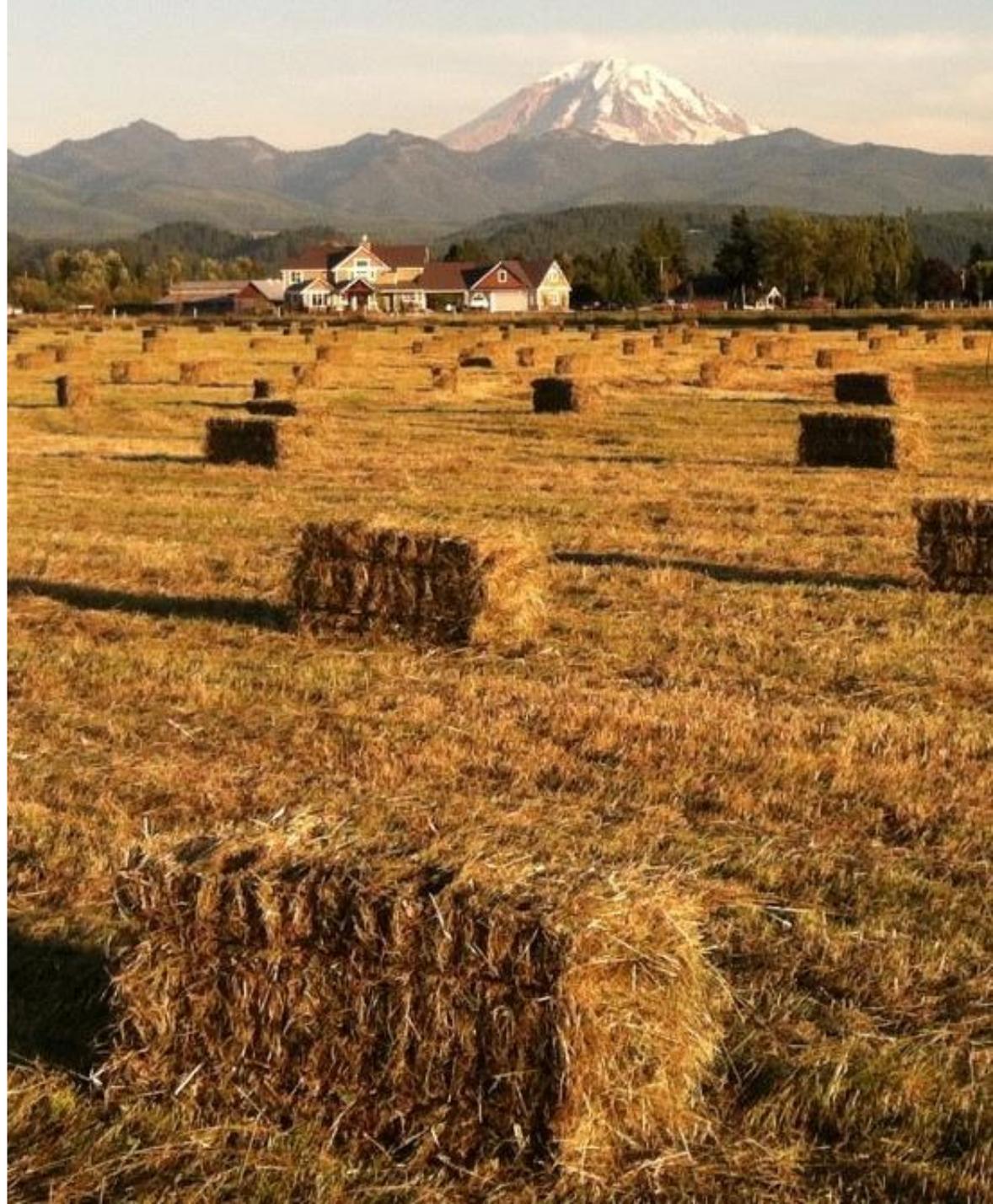
90%

**Fires
Human-caused
Western WA**







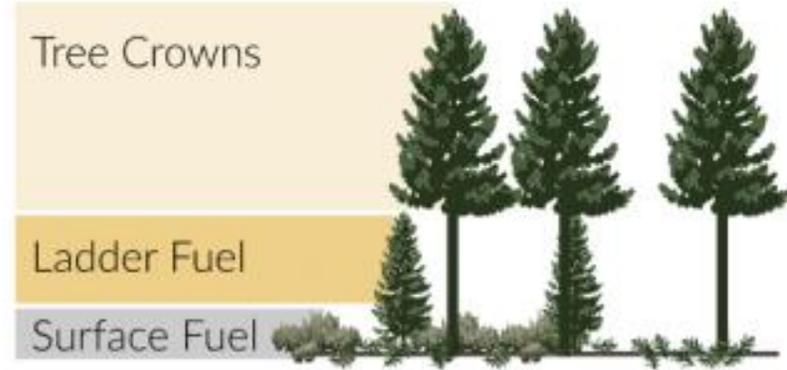




BEFORE FUEL REDUCTION

Forest before fuel reduction

Surface and ladder fuels are present.



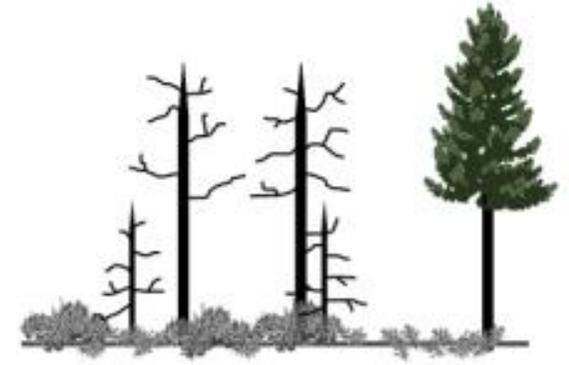
Higher intensity fire

Fire spreads from forest surface through ladder fuels to tree crowns.



Higher severity fire

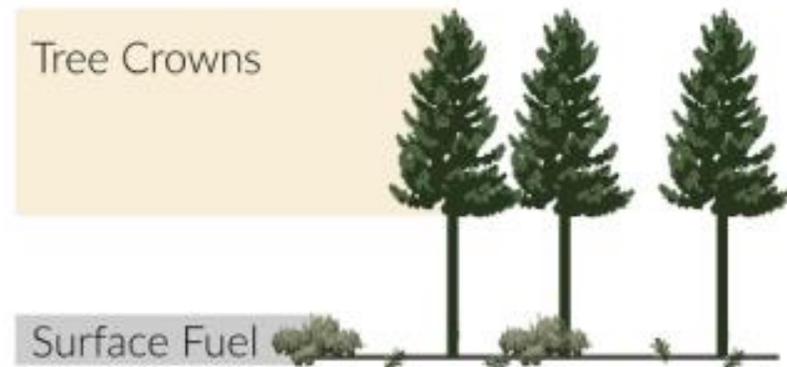
Fire spreads through tree crowns and forest is more damaged by fire.



AFTER FUEL REDUCTION

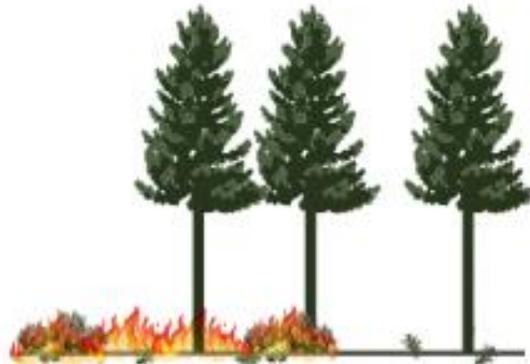
Forest after fuel reduction

Surface and ladder fuels are reduced.



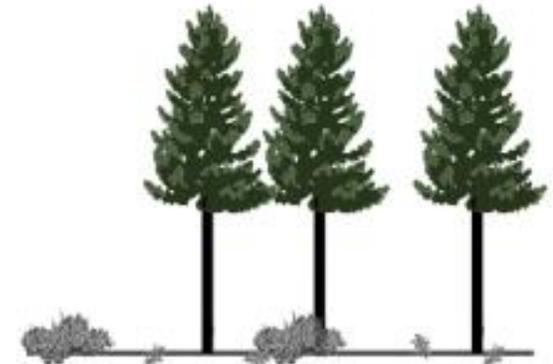
Lower intensity fire

Fire less likely to rise to tree crowns.



Lower severity fire

Forest is less damaged by fire.





Home Ignition Sources



Wildfire Defensible Space

Home Ignition Zones (HIZ)

- **Zone 1: The Immediate Zone**
(0-5 feet)
High Maintenance – High Impact
- **Zone 2: Intermediate Zone**
(5-30 feet)
High Maintenance – High Impact
- **Zone 3: Extended Zone**
(30-100 feet)
Low Maintenance



*Cut and remove
branches that
hang over roof.*

Zone 1
0' - 5'

Zone 2
5' - 30'

Zone 3
≥ 30'

**Home
Protection
Zone**

15'
(or 1/3 tree height)

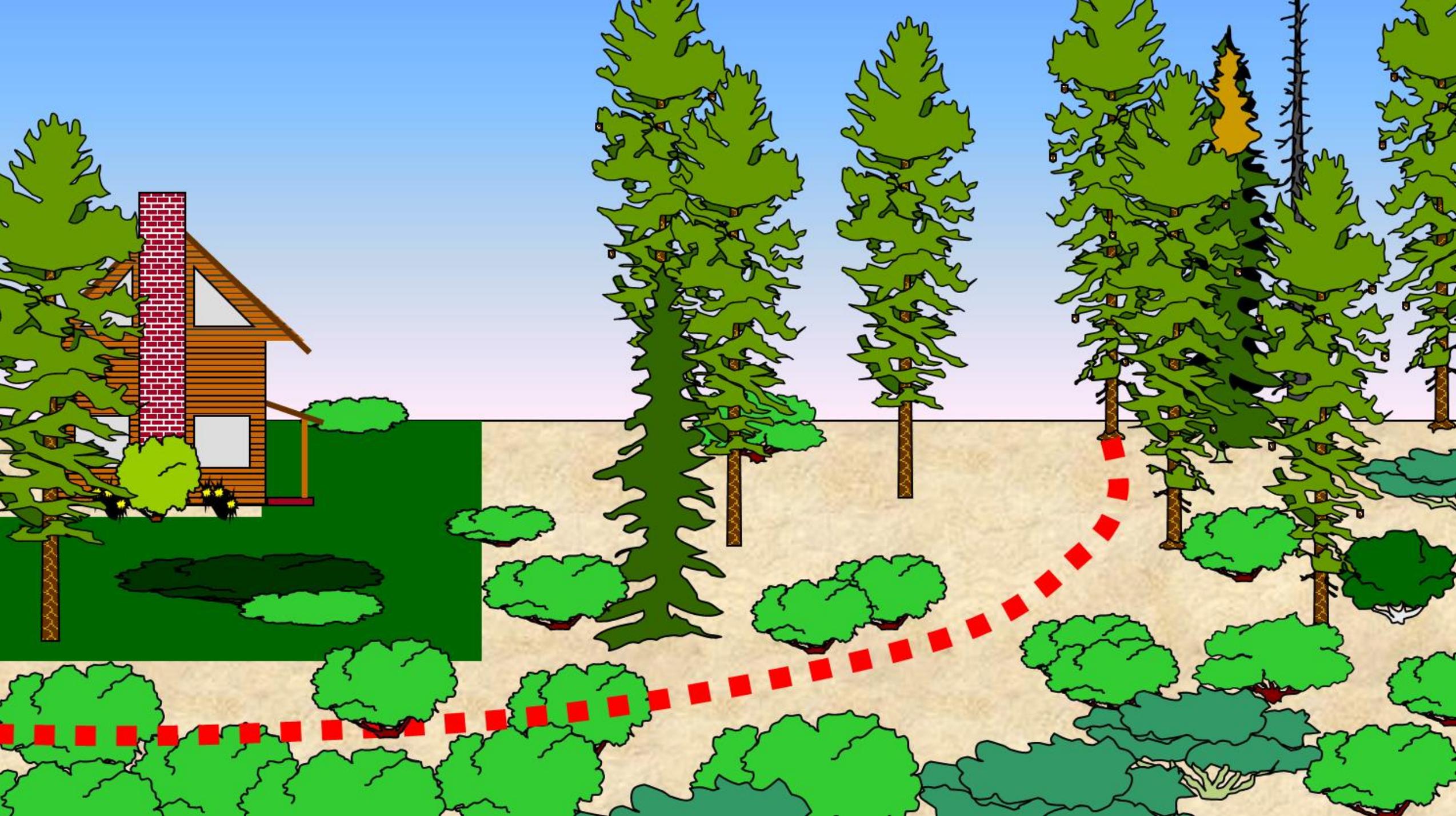






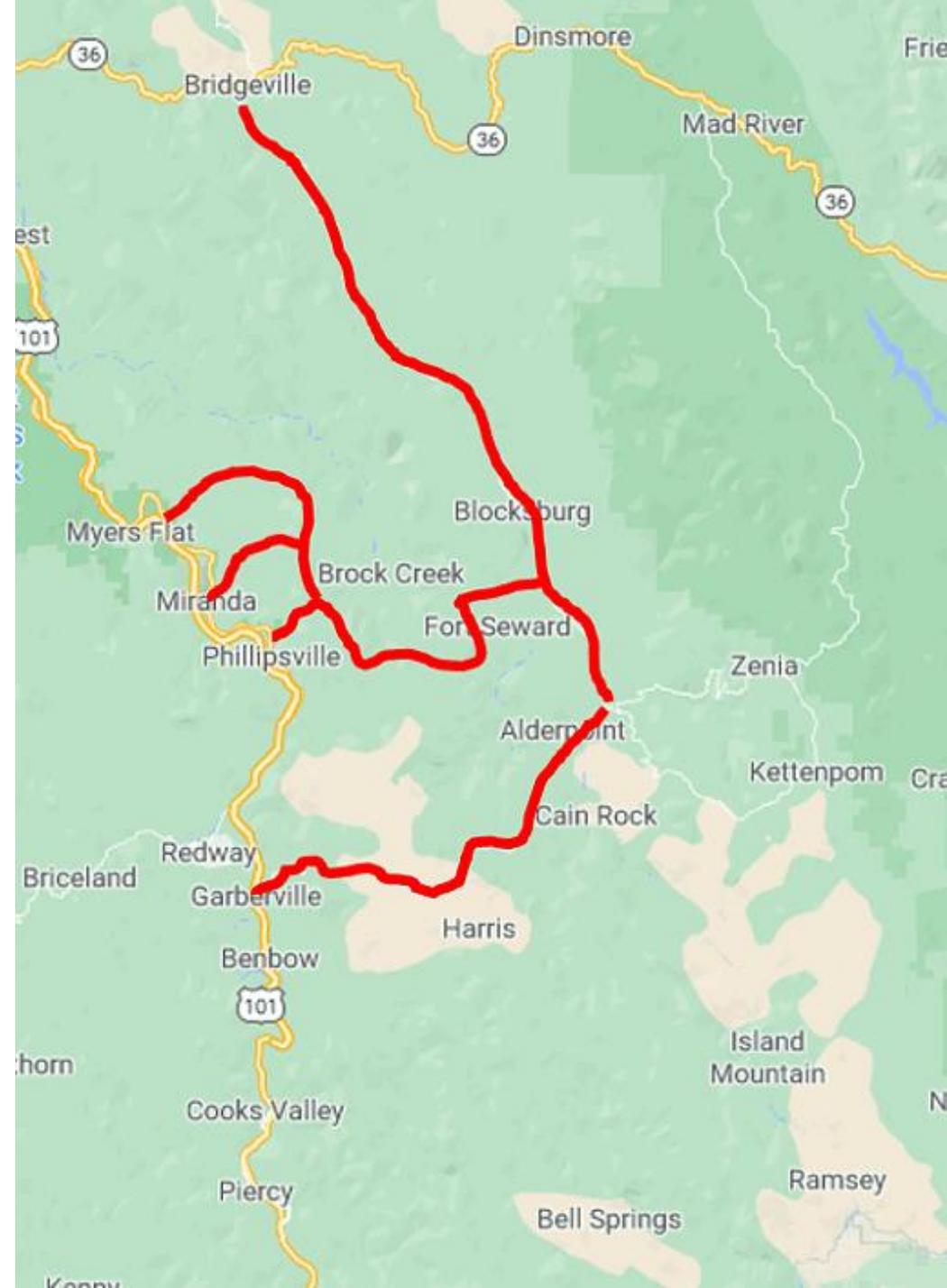


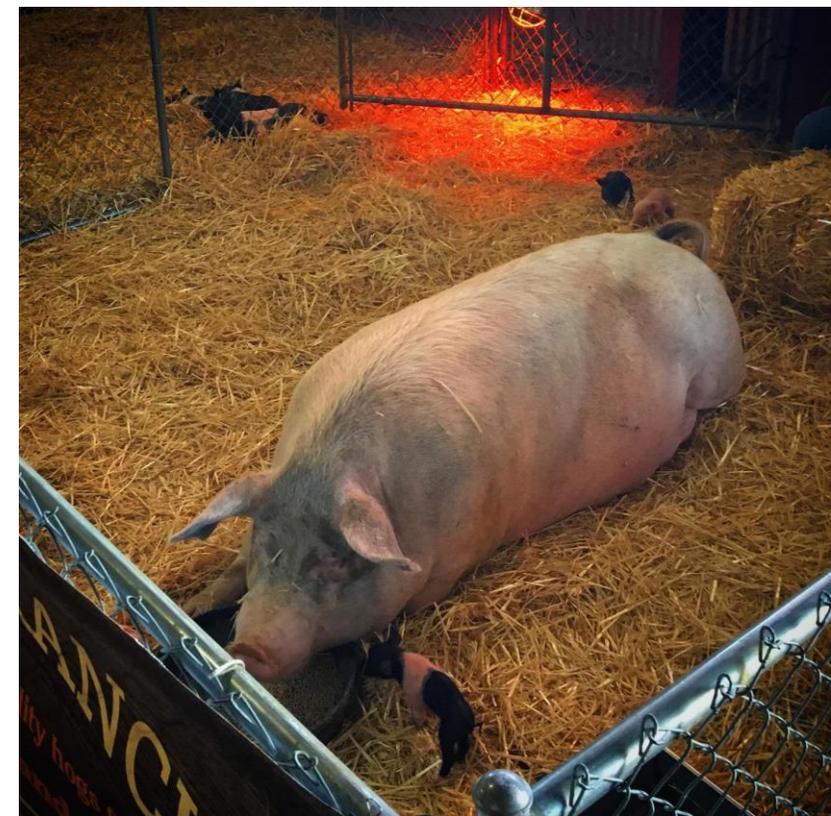






Emergency Evacuation Plan



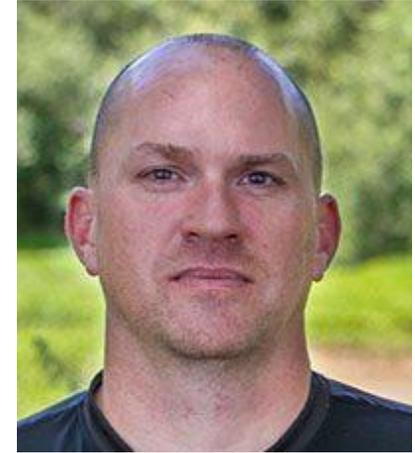


Questions?



Thank You

Matthew Axe, Wildfire and Forest Resiliency Coordinator
425-773-5060 or ***matthew.axe@kingcd.org***



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