

AN ACTION PLAN FOR WILDFIRE MITIGATION

DATE: 8/31/2012

Prepared by: Larry Morgan, Afton Pope, and Kim Green

Organization: Kiamichi Economic Development District of Oklahoma

Contact Information:

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The following report is a cooperative effort between various entities. The representatives listed below comprise the core decision-making team responsible for this report and mutually agree on the plan's contents.

Community Representative(s):

Name: Fred Morris

Address: Rt 1., McAlester, OK 74501

Phone Number: (918)470-2779

Other Contact Information:

Name: Robert Hass

Address: HC 75 Box 520, McAlester, OK 74501

Phone Number: (918)423-5655

Other Contact Information:

Local Fire Department Representative(s):

Name: Trent Myers, Fire Chief

Address: 354 Tannehill Loop South, McAlester, OK 74501

Phone Number: (918)424-9110

Other Contact Information:

Name: Ryan Parker, Asst. Chief

Address: 1211 McAlester, OK 74501

Phone Number: (918)470-9523

Other Contact Information:

Local Oklahoma Division of Forestry Representative(s):

Name: Chris Parrington

Phone Number: (918) 465-2056

Name:

Phone Number:

The following federal and other interested parties were consulted and involved in the preparation of this report.

NAME	ORGANIZATION
Dr. Kelly Hurt	Oklahoma Department of Forestry, Firewise Coordinator
Larry Morgan	KEDDO, Rural Fire Coordinator
Afton Pope	KEDDO, Secretary
Fred Morris	Property Owner
Chris Parrington	Oklahoma State Forestry
Kim Green	KEDDO, GIS Technician
Trent Myers	Emergency Management, Pittsburg County

The Plan Contents are:

1. Community Background and Existing Situation
2. Community Based Map and Other Visuals
3. Objectives and Goals
4. Prioritized Mitigation Recommendations
5. Action Plan
6. Wildfire Pre-Suppression Plan
7. Attachments (A & B)

1) COMMUNITY BACKGROUND AND EXISTING SITUATION

Community Description:

County: Pittsburg Latitude/Longitude: 34.9973171 N/ - 95.8461058 W
Frontage Road: Tannehill Rd Nearest Intersection: Tannehill Rd/Ulan Rd
Nearest Fire Department (name/location): Tannehill/Scipio Fire Department
Interface Areas: _____ Year Established: 1973
Map #: Assessment (See Attached Map)

Community Size:

Number of Lots: _____ Number of Structures: 1400
Estimated Acres: 89,600 Development Status: Residential Property

Community Infrastructure:

Home Owners Association/Organization: Yes No *If yes, attach a copy of ordinances.*

Resident Population:

Full Time
 Part-Time: 100-75% 75-50% 50-25% less than 25%

Wildfire Hazard Rating: (check one)

Low Moderate High Extreme

Date Evaluated: 8-2-12 *Attach Community Assessment Form.*

Community Assessment Highlights (roads, water sources, primary fuel types, utilities and topography)

Ingress/Egress

The Primary access points to Tannehill, OK are Tannehill Rd and Ulan Rd. The access point provides for limited ingress and egress in the event of a major wildfire emergency.

Signage provides very limited guidance into Tannehill from all sides and to adjacent areas. The entries are poorly marked and don't provide sufficient roadways to handle emergency vehicle access into all areas of Tannehill. Although there are some roads that are marked in the rural fire district, most areas need additional signage. There are several dirt/gravel and chipped roads that lead in from all directions and if you are not from the area, it would be very easy to get lost or turned in the wrong direction. This is why we would like to strongly support an abundance of signage for the Tannehill/Scipio area.



The area depicted in the picture illustrated is an area that has many narrow and sloping roadways. In addition to all of these roads, there is the problem with poor signage. In the event of a large fire, the amount of time being lost or turned around could very well mean the safety of human life or the burning of structures.



Above is a picture of a road with locked gates at the entrance. This is another huge impeding problem for fire fighters in this area because many times gateways are in the way of locations and in the case of an emergency it is extremely hard to contact owners in a timely manner. This could allow large fires to spread fast and would impede the process of containing a fire.



Above is a picture of the home of the Tannehill Braves, the local school in the area. The land in the surrounding area would promote the speed of a fire to travel very quickly. This is one concern that we feel very strongly about and would greatly like to reduce the chance of fire to the local area and would like to promote firewise to all local students and families.

Topography

The topography is basically sloping hills with very large hayfields and enough underbrush to promote the spread and be the fuel of fires. By providing the local residents with firewise information and helping them understand the issues that are present in their area, we hope to lower the fire risk for all involved including but not limited to human life, wildlife, domestic animals, property and structure damage.



Here is a picture of a large open field and even though it is cut very short at this time, the major issue is with the greenery/underbrush along the roadway. It shows to be almost as tall as the fence behind it in some areas and in the case of a wildfire it would spread the fire very rapidly along the roadway. This would be a major issue due to the fences in the area. It would slow the access to fires in the fields. However, because of this underbrush, the fires could spread easily from field to field within a matter of minutes.

Water Sources

Currently, there is no access to fire hydrants attached to the municipal water system. There are a few main water sources in this area that we would like to use which would be the McAlester Lake 1, McAlester Lake 2, and the Canadian River. We would also strongly like to use dry hydrants in local ponds around the area. This would ensure easy access to water in several different parts of the fire district.

Fuel Types

Vegetation is predominantly underlying brush, large open fields with fences around most, and some forest areas.



Fire Protection

The Tannehill Volunteer Fire Department is proud to provide primary fire service to the Tannehill/Scipio Community of Oklahoma. Tannehill Volunteer Fire Department has a staff of twenty-five volunteer firemen. Equipment includes 2 Engines, 3 tankers, and 6 grass rigs. Tannehill also manages and maintains five substations within their fire district.



In cooperation with other rural departments, Tannehill VFD regularly trains at the Wilburton Fire Training Center. This facility is used in various training activities to aid the department in a 100 mile radius. This center is a great tool to use to keep the firemen in shape and to teach them new issues that might occur when you have a fire.

Community Wildfire History: (include surrounding areas)

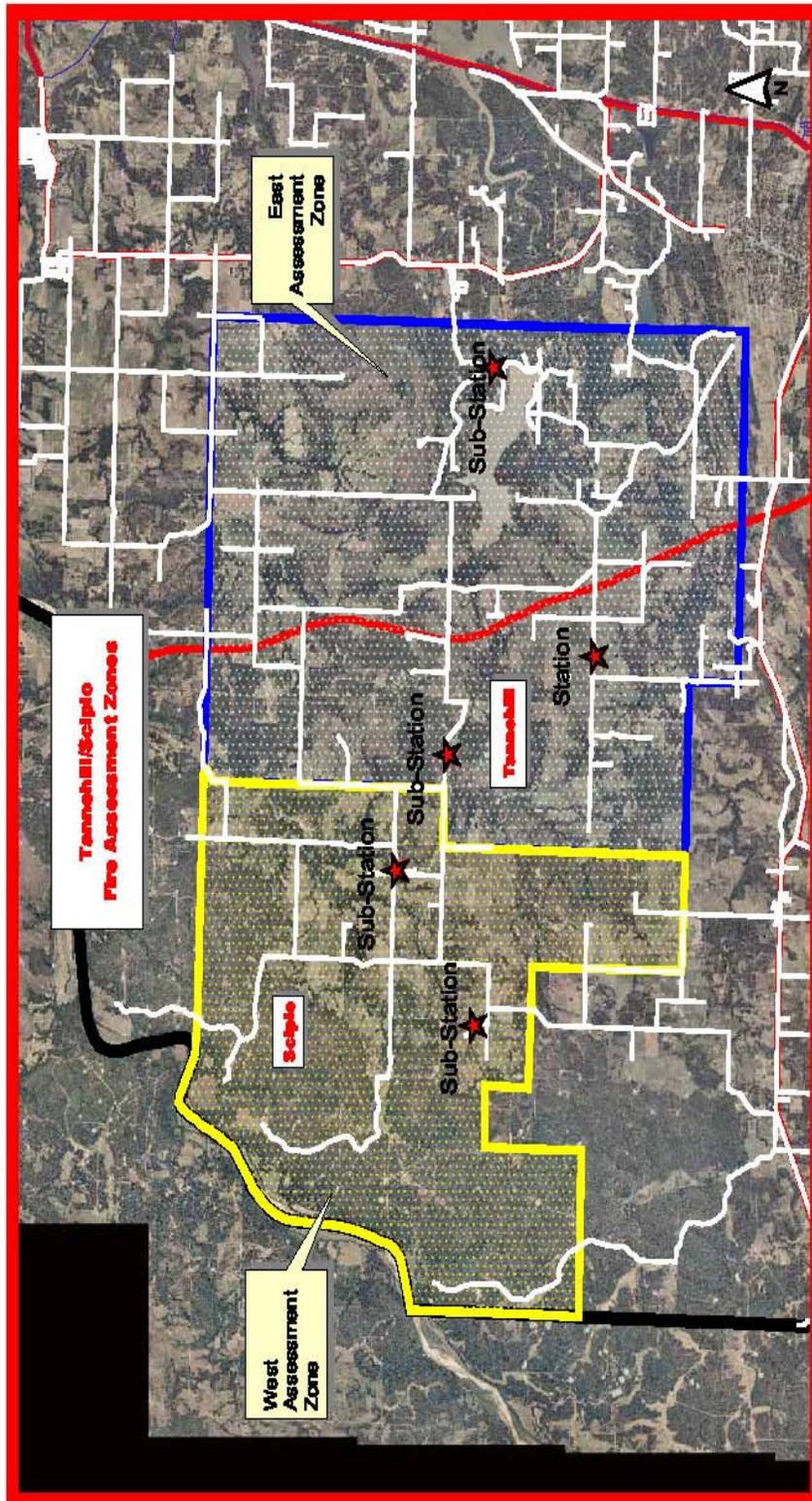
Relative Frequency: 1-6 Monthly

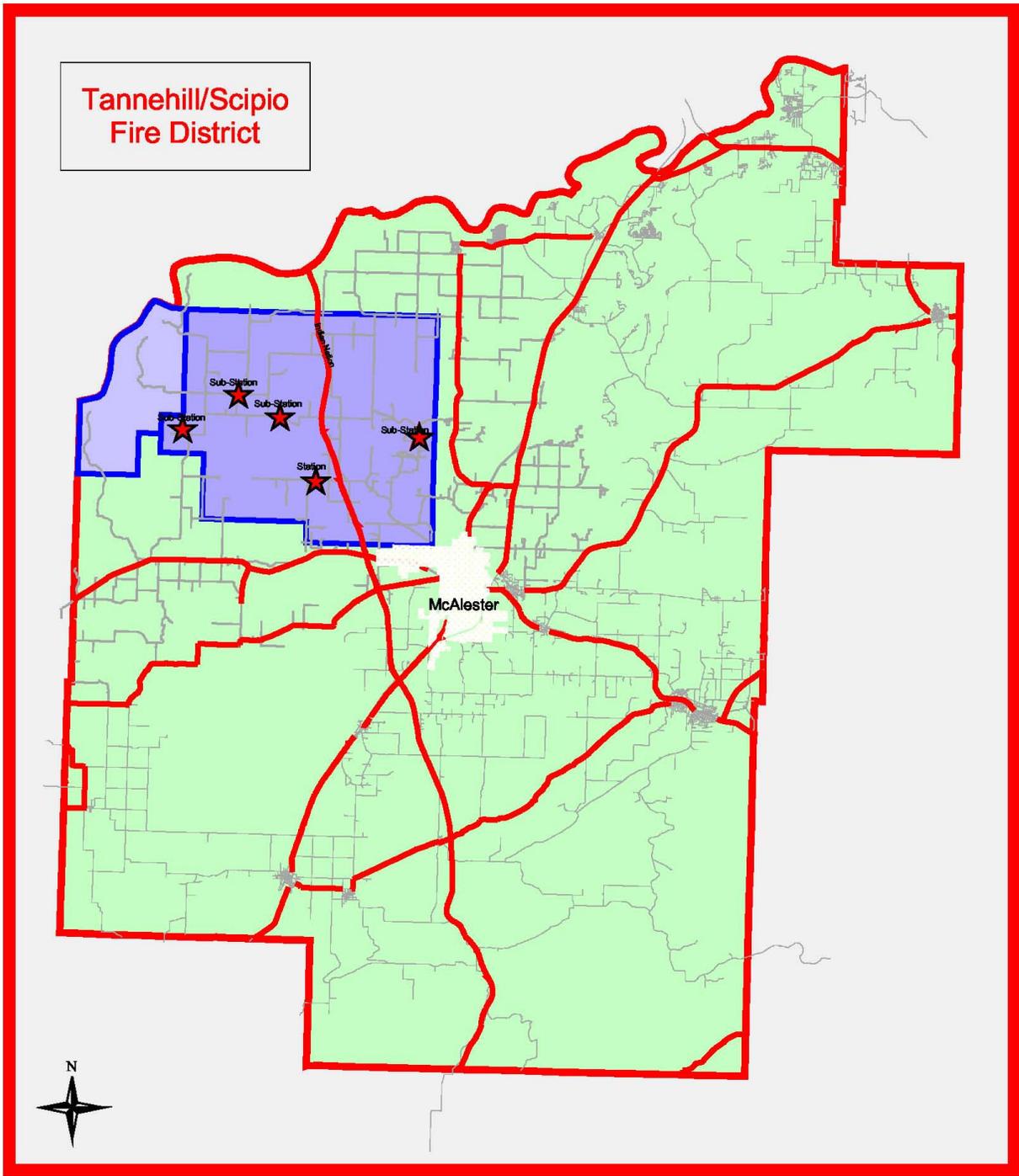
Common Causes: Arson, Carelessness, Lightning Strikes, and Equipment Fires

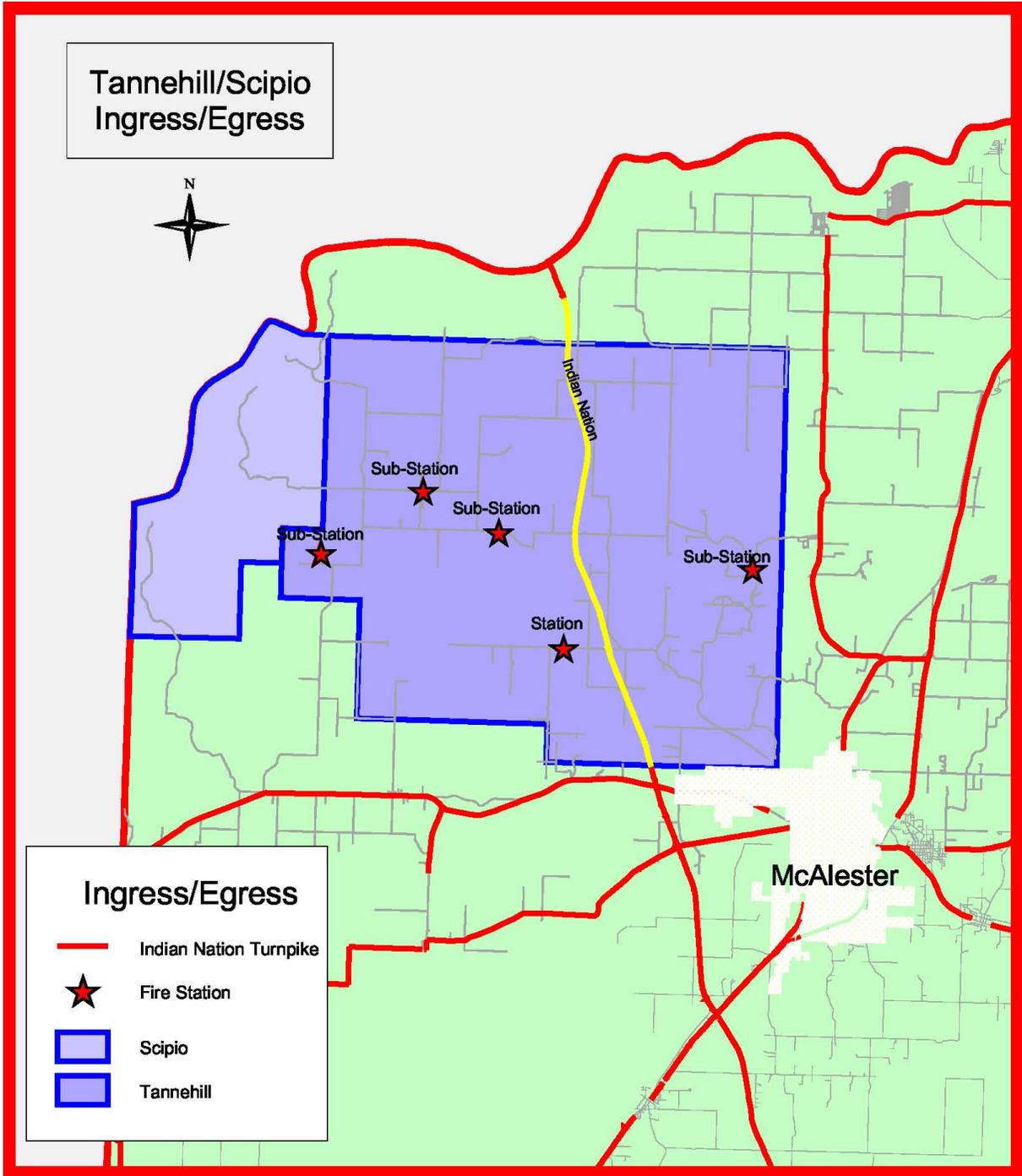
Areas of Future Concern: Major lack of water sources and poor Firewise landscaping

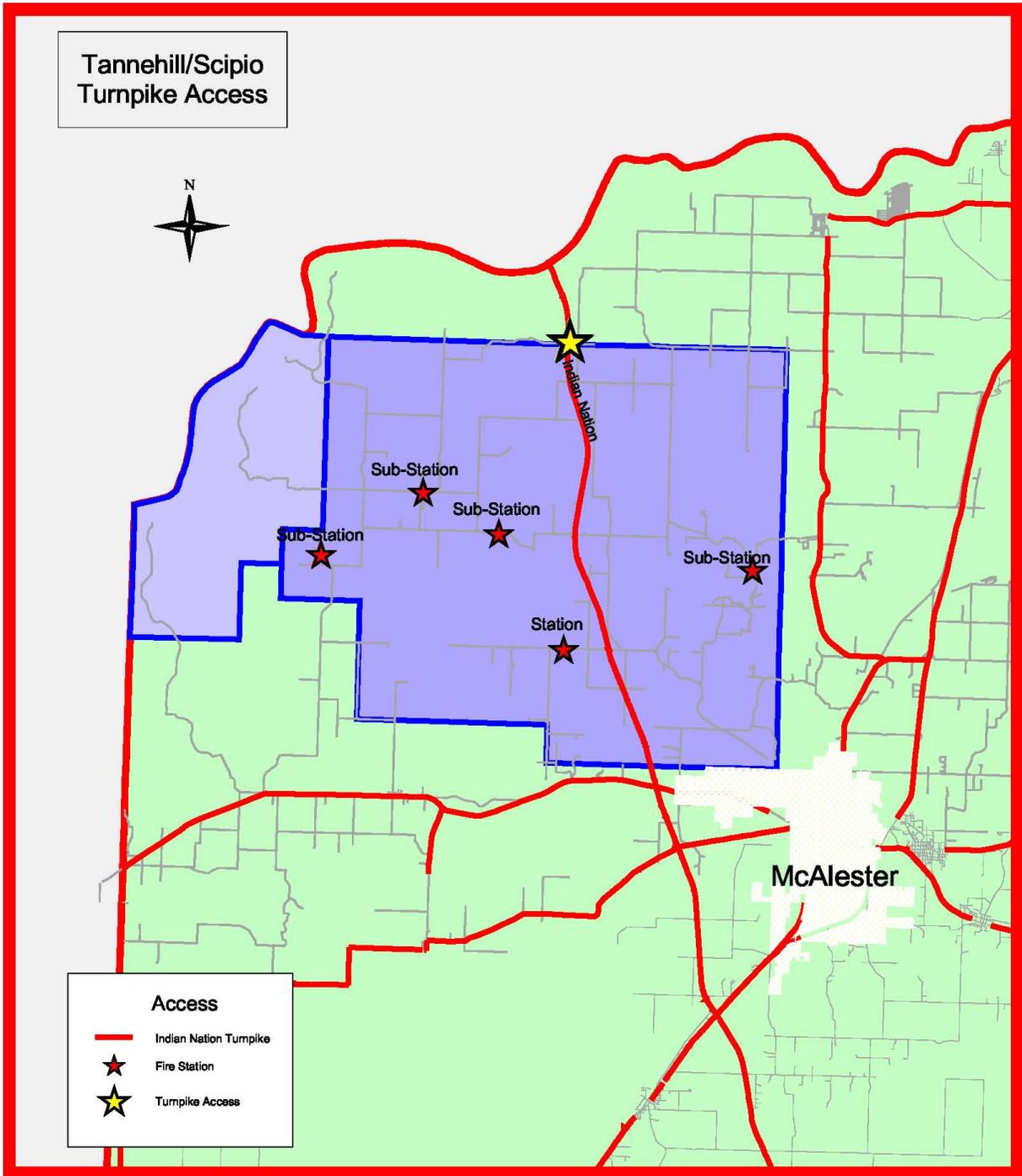
2) COMMUNITY BASE MAP AND OTHER VISUALS

Maps are located on the following three pages.









Objectives:

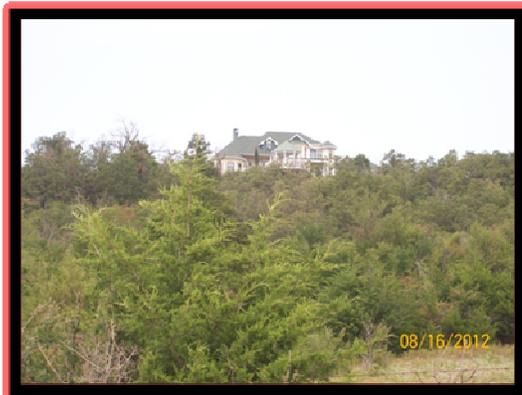
The objective of this plan is to set clear priorities for the implementation of wildfire mitigation in the identified community. This includes prioritized recommendations for the community as a whole and also for individual homeowners where appropriate.

Goals:

1. Public awareness and education about Firewise landscapes and how to have your home Firewise safe.
2. Identification and reduction of areas with an increased level of risk due to excessive vegetation or debris. Start the debris removal process.
3. Improve accessibility, ingress and egress for emergency vehicles, and to allow better egress in event of evacuation from properties with limited access is very important to us due to all of the large fields that would burn fast in the Tannehill Fire Dist.
4. Annual evaluation of plan to monitor success, or set new goals and adjust goals to a new attainable point, and address new problems.
5. Prioritized Mitigation Recommendations.

4) PRIORITIZED MITIGATION RECOMMENDATIONS

The following recommendations were developed by the Community Firewise Working Group or Fire Council as a result of the community wildfire risk assessment and follow-up meetings with local, state, federal, and community stakeholders. A priority order was determined based on which mitigation projects would best reduce the hazard of wildfire in the assessment area.



Wil

This is a perfect example of what we want to educate people on. Due to the extensive growth in the area, we feel they strongly need educated on creating Firewise boundaries around their homes.

tiga

This is a good example of what we are trying to achieve for this area. The owners have created a good firebreak around the home by clearing out all brush around the home. However, they still have the cover of trees. We want to educate people and let them know that we are not promoting they cut trees, but we are stressing the need for cleaning underneath them and for making sure there is a firebreak.

Proposed Community Hazard Reduction Priorities:

List area and treatment recommended.

1. Encourage homeowners to create buffer zones around structures and improve escape routes from residential properties.
2. Clearing ladder fuels and underbrush around common areas, and shred and mulch debris to ease removal.
3. Organize area residents to work with officials to install dry hydrants around the lake and area ponds.
4. Work with county officials to improve road signage.

Proposed Structural Ignitability Reduction Priorities:

Actions to be taken by homeowners.

Example: Clean roofs and gutters.

1. Clean Roof and Gutters.
2. Create buffer zones.
3. Trim/Thin Timber Area.
4. Remove flammable house siding and flammable shingles.
5. Encourage area businesses to distribute firewise pamphlets.

Proposed Education and Outreach Priorities:

Activities planned and implemented by the community, local fire department and Department of Forestry.

1. Display pamphlets on Firewise at local community gatherings.
2. Encourage local insurance companies to inform their clients of Firewise benefits to reduce risk.
3. Engage area businesses to distribute Firewise pamphlets.

5) ACTION PLAN

Funding Needs:

Outline each project (list highest priority projects first) including estimated cost and potential funding sources.

1. To increase public awareness and encourage citizens to participate in the Firewise program.
2. Install fire hydrants in rivers and ponds. 10x\$1500. REAP, Local match money.
3. Work with county officials to increase/improve road signs. \$1500 ODAFF mitigation funding, 911 tax revenue.
4. Purchase chainsaws and hand tools to assist in creating buffer zones. \$2500 Local

- Funding.
5. Purchase shredder/mulcher to clear common areas and thin heavy timber. \$15000 ODAFF mitigation funding.
 6. Conduct Firewise Day. (Free)

Timetables:

For each project (list highest priority projects first), provide an estimated duration, start date and targeted completion date.

1. Install wet and dry hydrants all around the fire district community.
2. Purchase chainsaws, hand tools, and other equipment to create buffer zones in the spring of 2013.
3. Begin thinning timber and remove vegetation in the common areas after purchasing shredder fall of 2013.
4. Work with KEDDO officials to begin grant writing process and explore other funding opportunities for water sources.
5. Begin immediately working with county officials to improve road signage.

Assessment:

Describe the strategy used to assess the plans, progress and effectiveness.

1. Review participation of property owners in clearing buffer zones and work with fire department to monitor the decrease in property loss.
2. Have quarterly Firewise board meetings to evaluate projects and update the CWPP timeline.
3. Monitor public awareness at annual Firewise Day.
4. Review number of road signs replaced in the first year.
5. Visit with KEDDO Rural Fire Coordinator to utilize his expertise evaluating CWPP effectiveness.

6) WILDFIRE PRE-SUPPRESSION PLAN

A. Wildfire Protection Responsibility

Structural Protection: Tannehill/Scipio VFD

Wildland Protection: ODAFF Fire Fighting Division & US Forestry at Wilburton.

B. Incident Command Post Location

Tannehill Volunteer Fire Department or mobilized depending on incident.

C. Incident Staging Area Location

Tannehill/Scipio Volunteer Fire Department on Tannehill Road.

D. Medical Unit Staging Area Location

Incident specific.

E. Alarm Response

First Alarm

Fire Department/Rescue Squad	Travel Distance	Response Time
Tannehill Volunteer Fire Department	5 Miles	5-10 Minutes
ODAFF/Forest Service	38 Miles	30-1 hours

Second Alarm (report to designated staging area)

McAlester Fire Department	7 Miles	10-15 Minutes
Haywood Volunteer Fire Department	6 Miles	10-15 Minutes
Indianola Volunteer Fire Department	12 Miles	15-30 Minutes
Blue Volunteer Fire Department	3 Miles	5-10 Minutes
Canadian Shores Volunteer Fire Department	8 Miles	10-20 Minutes

F. Air Support

Fixed Wing

	Aircraft	Location	Telephone Number
	US Military	Ft. Smith, AR	479-452-7000
	OK Forestry	Wilburton, OK	918-465-2082
	Emergency Management	Oklahoma City	1-800-800-2475

G. Water Availability (must be accessible to fire engines)

Location: McAlester Lake Description: East of Community

Location: South Canadian River Description: North of Community

H. Communications (Attach Communications Plan if available)

Name	Phone Number	Radio Frequencies
Dispatch/Fire Departments		
McAlester Fire Department	918-421-4950	155940
Indianola Fire Department	918-470-0758	154370
Haywood Fire Department	918-302-8960	154370
Blue Fire Department		154370
Oklahoma State Forestry	918-465-2082	159.45000
Pittsburg County Sheriff	918-423-5858	15540

Oklahoma Highway Patrol	918-423-3636	154370
Emergency Management		

I. Evacuation (Attach Evacuation Plan)

J. Resource List

Name	Contact Information	Payment Information
<i>Support Agencies</i>		
Pittsburg County Sheriff	918-423-5858	
Pittsburg County EM	918-423-3582	918-423-5655
Pittsburg County Commissioners	918-423-1338	
Oklahoma Highway Patrol	918-423-3636	
<i>Tractor Operators</i>		
Oklahoma Forestry	(918) 465-2056	
East Oak Construction	(918) 429-5949	
Pittsburg County Commissioners	(918) 423-1338	
Compton Construction	(918) 424-4299	
<i>Crews</i>		
Oklahoma Forestry	918-653-2991	
<i>Utilities</i>		
Kiamichi Electric	918-465-2338	
Hopkins Propane	918-689-4589	
Alford Propane	918-423-3121	
<i>Fuel</i>		
Tannehill Country Store	918-429-1430	Cash & Credit Cards
Alford Gas Company	918-423-3121	Cash & Credit Cards
<i>Food and Supplies</i>		
Walmart	918-423-8585	Cash & Credit Cards
Country Mart	918-423-9461	Cash & Credit Cards
<i>Lodging</i>		
Best Western	918-426-0115	Cash & Credit Cards
Economy Inn	918- 426-1300	Cash & Credit Cards
American Inn	918-426-1300	Cash & Credit Cards
Motel Six	918-429-0717	Cash & Credit Cards
Valley Inn RV Park/Hotel	918-426-5400	Cash & Credit Cards

7) ATTACHMENTS

See Attachment A and B

OKLAHOMA FORESTRY DIVISION
COMMUNITY WILDFIRE RISK AND HAZARD ASSESSMENT
(Tannehill East)

Forestry Office: Wilburton

Community: Tannehill County: Pittsburg
Latitude: 34.9973171 N Longitude: -95.8461058 W
Fire Department: Tannehill Vol. Fire Department
Date: 8/30/2012
Acres: 44,800 Lots: Homes: 500 approx. Future Homes: 100 approx.

CALCULATING THE WILDFIRE HAZARD RATING

SUBDIVISION DESIGN HAZARD RATING	+ SITE HAZARD RATING	+ BUILDING CONSTRUCTION HAZARD RATING	+ ADDITIONAL FACTOR HAZARD RATING	= OVERALL WILDFIRE HAZARD RATING
27	82	30	57	196

No bridges or bridges with no weight and or width restrictions	0		5
Low weight or narrow bridges restricting emergency access	5		
PRIMARY ROAD WIDTHS			
>24 ft	0		
>20 ft and <24 ft	2		2
<20 ft	4		
ACCESSIBILITY			
Surfaced road, grade <5%	0		
Surfaced road, grade >5%	2		
Non-surfaced road, grade <5%	2		5
Non-surfaced road, grade >5%	5		
Other than all-season road	7		
SECONDARY ROAD TERMINUS			
<300 ft with turnaround	0		
>300 ft with turnaround	2		
<300 ft without turnaround	4		5
>300 ft without turnaround	5		
UNSAFE ROADWAY			
No flammable vegetation threat	0		
Highly flammable vegetation along road	5		5
STREET SIGNS			
Present 4 inches in size and reflective	0		
Not present	5		5
TOTAL SUBDIVISION DESIGN			27

SITE HAZARD RATING: (within 30 feet of structure based on a majority of the properties in the community)	Rating	
DRIVEWAY CHARACTERISTICS		
Less than 150 ft long	0	5
More than 150 ft long with minimum 45 ft outside radius turnaround	3	
More than 150 ft with inadequate turnaround	5	
Average driveway width more than 12 ft	0	5
Average driveway width less than 12 ft	5	
No obstructing overhead branches below 15 ft	0	5
Obstructing overhead branches below 15 ft	5	
No bridges or bridges with no weight and or width restrictions	0	5
Bridges restricting emergency vehicle access	5	
Slopes level or less than 10%	0	5
Slopes over 10%	5	
No gate/non-locking gate	0	5
Locked gate	5	
Address clearly visible from road	0	5
Address not clearly visible from road	5	
DOMINANT TREES (within 100 ft of homes)		
Deciduous	1	5
Mixed	5	
Evergreen	10	
LADDER FUELS		
Evergreen branches pruned up at least 6 ft	0	5
Evergreen branches close to ground	5	
VEGETATION (predominant type throughout community)		
Light (e.g. grasses and forbs) NFDRS Fuels Models A, C, L, N, S and T	5	10
Medium (e.g. light brush and small trees) NFDRS Fuels Models D, E, F, H, P, Q and U	10	
Heavy (e.g. dense brush, timber and hardwoods) NFDRS Fuels Models B, G and O	20	
Slash (e.g. timber harvesting residue) NFDRS Fuel Models J,K and L	25	
SLOPE OF PROPERTY		
Flat (0-5%)	0	2
Moderate (6-20%)	2	
Steep (over 20%)	4	
DEFENSIBLE SPACE		
No trees, shrubs or tall grass within 30 ft	0	20
Well spaced trees and shrubs within 30 ft	10	
Touching crowns or tall grass within 30 ft	20	
No unthinned or unmanaged timber within 100 ft	0	5
Unthinned or unmanaged timber within 100 ft	5	
TOTAL SITE HAZARD RATING		82

BUILDING CONSTRUCTION HAZARD RATING	Rating	
ROOFING MATERIALS		
Greater than 75% of homes have metal, tile or Class A shingles	0	15
50 to 75% of homes have metal, tile or Class A shingles	10	
Less than 50% of homes have metal, tile or Class A shingles	15	
SIDING / SOFFETS		
Greater than 75% of homes have fire resistant siding and soffets	0	10
50 to 75% of homes have fire resistant siding and soffets	5	
Less than 50% of homes have fire resistant siding and soffets	10	
UNDERSKIRTING		
Greater than 75% of homes have equivalent of fine mesh screening underneath	0	5
50 to 75% of homes have equivalent of fine mesh screening underneath	5	
Less than 50% of homes have equivalent of fine mesh screening underneath	10	
TOTAL BUILDING CONSTRUCTION HAZARD RATING		30

ADDITIONAL HAZARD FACTORS	Rating	
FIRE CONTROL WATER SUPPLY		
Pressurized hydrants with minimum 500 gpm < 1,000 ft apart	0	7
Pressurized hydrants with <500 gpm or spaced > 1,000 ft apart	2	
Dry hydrant(s) available year round within the community	2	
Other accessible sources within community	5	
Water sources located within 4 road miles of community	7	
No water sources within 4 road miles of community	15	
UTILITIES		
Both underground	0	5
One underground, one above ground	3	
Both above ground	5	
SURROUNDING ENVIRONMENT		
Community is not surrounded by any large natural landscapes	0	20
Large natural landscape adjoins one side of the community	5	
Large natural landscape adjoins two sides of the community	10	
Large natural landscape adjoins three sides of the community	15	
Community is completely surrounded by natural landscape	20	
UNDEVELOPED LOTS		
Less than 10% of lots have not been developed and pose no additional wildfire hazard due to lack of maintenance	0	5
10 to 50% of lots have not been developed	3	
51 to 75% of lots have not been developed	5	
Greater than 75% of lots have not been developed	10	
RISK LOCATION		
Community is located within the following designated Wildfire Risk Areas according to the Southern Wildfire Risk Assessment		
Low	0	20
Medium	10	
High	20	
TOTAL ADDITIONAL HAZARD FACTORS		57

What does the Wildfire Hazard Rating mean?

Using the Wildfire Hazard Assessment, the highest possible rating is 247 points. Communities can be divided into the following four risk categories:

- Low Risk:** **Total Wildfire Risk Rating is 0 – 90 points**
The chances of a majority of homes in the community surviving a wildfire are **GOOD**. Little is needed to improve the community. Keep up the good work.
- Moderate Risk:** **Total Wildfire Risk Rating is 91 – 155 points**
The chances of a majority of homes in the community surviving a wildfire are **FAIR**. Some minor improvements will make the community more fire resistant. Check the areas on the form in which you scored poorly.
- High Risk:** **Total Wildfire Risk Rating is Over 155 points**
The chances of a majority of homes in the community surviving a wildfire are **NOT GOOD**. Some improvements in structure and site are necessary.
- Extreme Risk:** **Total Wildfire Risk Rating is Over 170 points**
The community **MAY NOT SURVIVE** if a wildfire passes through the area. Take a serious look at your community and make improvements. If you don't, you may be facing disaster. You will find that even small changes could make the difference.

HAZARD is defined as the potential fire behavior based on physical fuel characteristics.

Risk is defined as the probability of fire occurrence determined by the number, presence and activity of potential ignition sources.

This form may be used to evaluate your community to determine the level of wildfire risk. It covers roughly one-half of the hazards normally taken into account in calculating fire risk, but does provide an approximate indication of true risk. For more information on your home's fire risk, or for more complete evaluation of your property, contact your local Oklahoma Department of Agriculture, Food and Forestry, Forestry Services office.

OKLAHOMA FORESTRY DIVISION
COMMUNITY WILDFIRE RISK AND HAZARD ASSESSMENT
(Tannehill West)

Forestry Office: Wilburton

Community: Tannehill County: Pittsburg
Latitude: 34.9973171 N Longitude: -95.8461058 W
Fire Department: Tannehill Vol. Fire Department
Date: 8/30/2012
Acres: 44,800 Lots: 0 Homes: 400 approx. Future Homes: 25 approx.

CALCULATING THE WILDFIRE HAZARD RATING

SUBDIVISION DESIGN HAZARD RATING	+ SITE HAZARD RATING	+ BUILDING CONSTRUCTION HAZARD RATING	+ ADDITIONAL FACTOR HAZARD RATING	= OVERALL WILDFIRE HAZARD RATING
27	82	30	57	196

No bridges or bridges with no weight and or width restrictions	0		5
Low weight or narrow bridges restricting emergency access	5		
PRIMARY ROAD WIDTHS			
>24 ft	0		
>20 ft and <24 ft	2		2
<20 ft	4		
ACCESSIBILITY			
Surfaced road, grade <5%	0		
Surfaced road, grade >5%	2		
Non-surfaced road, grade <5%	2		5
Non-surfaced road, grade >5%	5		
Other than all-season road	7		
SECONDARY ROAD TERMINUS			
<300 ft with turnaround	0		
>300 ft with turnaround	2		5
<300 ft without turnaround	4		
>300 ft without turnaround	5		
UNSAFE ROADWAY			
No flammable vegetation threat	0		
Highly flammable vegetation along road	5		5
STREET SIGNS			
Present 4 inches in size and reflective	0		5
Not present	5		
TOTAL SUBDIVISION DESIGN			27

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Bridges restricting emergency vehicle access	5	
Slopes level or less than 10%	0	5
Slopes over 10%	5	
No gate/non-locking gate	0	5
Locked gate	5	
Address clearly visible from road	0	5
Address not clearly visible from road	5	
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Deciduous	1	5
Mixed	5	
Evergreen	10	
LADDER FUELS		
Evergreen branches pruned up at least 6 ft	0	5
Evergreen branches close to ground	5	
VEGETATION (predominant type throughout community)		
Light (e.g. grasses and forbs) NFDRS Fuels Models A, C, L, N, S and T	5	20
Medium (e.g. light brush and small trees) NFDRS Fuels Models D, E, F, H, P, Q and U	10	
Heavy (e.g. dense brush, timber and hardwoods) NFDRS Fuels Models B, G and O	20	
Slash (e.g. timber harvesting residue) NFDRS Fuel Models J,K and L	25	
SLOPE OF PROPERTY		
Flat (0-5%)	0	2
Moderate (6-20%)	2	
Steep (over 20%)	4	
DEFENSIBLE SPACE		
No trees, shrubs or tall grass within 30 ft	0	10
Well spaced trees and shrubs within 30 ft	10	
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ADDITIONAL HAZARD FACTORS	Rating	
FIRE CONTROL WATER SUPPLY		
Pressurized hydrants with minimum 500 gpm < 1,000 ft apart	0	7
Pressurized hydrants with <500 gpm or spaced > 1,000 ft apart	2	
Dry hydrant(s) available year round within the community	2	
Other accessible sources within community	5	
Water sources located within 4 road miles of community	7	
No water sources within 4 road miles of community	15	
UTILITIES		
Both underground	0	5
One underground, one above ground	3	
Both above ground	5	
SURROUNDING ENVIRONMENT		
Community is not surrounded by any large natural landscapes	0	20
Large natural landscape adjoins one side of the community	5	
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Large natural landscape adjoins three sides of the community	15	
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UNDEVELOPED LOTS		
Less than 10% of lots have not been developed and pose no additional wildfire hazard due to lack of maintenance	0	5
10 to 50% of lots have not been developed	3	
51 to 75% of lots have not been developed	5	
Greater than 75% of lots have not been developed	10	
RISK LOCATION		
Community is located within the following designated Wildfire Risk Areas according to the Southern Wildfire Risk Assessment		
Low	0	20
Medium	10	
High	20	
TOTAL ADDITIONAL HAZARD FACTORS		57

What does the Wildfire Hazard Rating mean?

Using the Wildfire Hazard Assessment, the highest possible rating is 247 points. Communities can be divided into the following four risk categories:

- Low Risk:** **Total Wildfire Risk Rating is 0 – 90 points**
The chances of a majority of homes in the community surviving a wildfire are **GOOD**. Little is needed to improve the community. Keep up the good work.
- Moderate Risk:** **Total Wildfire Risk Rating is 91 – 155 points**
The chances of a majority of homes in the community surviving a wildfire are **FAIR**. Some minor improvements will make the community more fire resistant. Check the areas on the form in which you scored poorly.
- High Risk:** **Total Wildfire Risk Rating is Over 155 points**
The chances of a majority of homes in the community surviving a wildfire are **NOT GOOD**. Some improvements in structure and site are necessary.
- Extreme Risk:** **Total Wildfire Risk Rating is Over 170 points**
The community **MAY NOT SURVIVE** if a wildfire passes through the area. Take a serious look at your community and make improvements. If you don't, you may be facing disaster. You will find that even small changes could make the difference.

HAZARD is defined as the potential fire behavior based on physical fuel characteristics.

Risk is defined as the probability of fire occurrence determined by the number, presence and activity of potential ignition sources.

This form may be used to evaluate your community to determine the level of wildfire risk. It covers roughly one-half of the hazards normally taken into account in calculating fire risk, but does provide an approximate indication of true risk. For more information on your home's fire risk, or for more complete evaluation of your property, contact your local Oklahoma Department of Agriculture, Food and Forestry, Forestry Services office.