

# The City of Clinton

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## Community Wildfire Protection Plan

AN ACTION PLAN FOR WILDFIRE MITIGATION

DATE: May 2011

Prepared by: Mark Gardner  
Organization: South Western Oklahoma Development Authority (SWODA)  
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FAX 580/562-4880



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 Allen Bryson, Mayor

Address P.O. Box 1177, Clinton, Ok 73601-1177

Phone Number 580/323-0217

Other Contact Information \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

Phone Number \_\_\_\_\_

Other Contact Information \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

Phone Number \_\_\_\_\_

Other Contact Information \_\_\_\_\_

**Local Fire Department Representative(s):**

Name Wade Anders, Fire Chief

Address 523 Gary Blvd

Phone Number 580/323-2121

Other Contact Information [firechief@clintonokla.org](mailto:firechief@clintonokla.org)

Name \_\_\_\_\_

Address \_\_\_\_\_

Phone Number \_\_\_\_\_

Other Contact Information \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

Phone Number \_\_\_\_\_

Other Contact Information \_\_\_\_\_

**Local Oklahoma Division of Forestry Representative(s):**

Name Tom Murray, Area Forester

Address Box 569, Burns Flat, Ok 73624

Phone Number 580/562-4882

Other Contact Information 580/331-7319

Name Brian Hall, Staff Forester

Address ODAFF, 2800 N. Lincoln Blvd., Oklahoma City, Ok 73105

Phone Number 405-521-3264

Other Contact Information Brian.hall@oda.state.ok.us

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

Name	Organization
Terry Garner	Inter Bank
Rod Surface	Clinton Daily News
Corky Heard	Heard & Knight Real Estate
Wade Anders	Clinton Fire Department
Toby Anders	City of Clinton
Tom Murray	OK Forestry Service

# **PLAN CONTENTS**

1. Community Background and Existing Situation
2. Community Base Map and Other Visuals
3. Objectives and Goals
4. Prioritized Mitigation Recommendations
5. Action Plan
6. Wildfire Pre-Suppression Plan
7. Additional Comments
8. Attachments

## 1) COMMUNITY BACKGROUND AND EXISTING SITUATION

### Community Description:

County: Custer Latitude/Longitude: 35°30'34"N 98°58'27"W  
 Frontage Road: Interstate 40 Nearest Intersection: U.S. Highway 183  
 Nearest Fire Department (name/location): Clinton Fire Department  
 Interface Areas: WUI on each site of City and active railroads. WUI also penetrates the City. Year Established: 1899  
 Map #: See Page 14 – Base Map

### Community Size:

Number of Lots: 4365 Number of Structures: 3,818  
 Estimated Acres: 5700 Development Status: Residential

### Community Infrastructure:

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

### Contacts:

Name Wade Anders, Fire Chief  
 Address P.O. Box 1177, Clinton, Ok 73601-1177  
 Phone Number 580/323-2298  
 Other Contact Information [firechief@clintonokla.org](mailto:firechief@clintonokla.org)

Name Mark Gardner  
 Address P.O. Box 569, Burns Flat, Ok 73624  
 Phone Number 580-562-4882  
 Other Contact Information markgardner@swoda.org

### Resident Population: 9,033 – 2010 Census

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

### Wildfire Hazard Rating: (check one)

Low  Moderate  High  Extreme

Date Evaluated: May 2011 *Attach Community Assessment Form.*

Located in Custer County, Clinton is situated along the Washita River and at the junction of U.S. Highway 183 and Interstate 40, about eighty-four miles west of Oklahoma City, Clinton, originally a railroad road crossing four miles south of Arapaho known as Washita Junction, was founded when a town site sale occurred June 3-6, 1903. The sale was conducted by the Washita Townsite Company, owned by J.L. Avant, E.E. Blake, Tom J. Nance, and F.E. Rickey. The land where Clinton is located was owned by four Cheyenne Indians who had each received 160-acre allotments prior to the Cheyenne-Arapaho Opening in 1892.

At statehood in 1907 Clinton's population stood at 1,278. By 1909 the town had five churches, three banks, flour mill, cotton oil mill, a broom factory, and two cotton gins. The Western Oklahoma Tuberculosis Sanatorium built in the early 1920's, and became the Clinton Veterans Center in 1972. In the 1930's Swift meat packing company opened and continued as BAR-S in the late 1900's. At the turn of the century Clinton had 8,833 residents and BAR-S was the largest employer in Clinton, with five hundred workers producing quality meats. The town retains sections of highway 183 and other remnants of Highway 66 known as "the Mother Road" and is home of Oklahoma Route 66 Museum.

Cotton was the leading crop in the early years. However, cattle, wheat, and various feed crops form Clinton's present economic base, as well as many oilfield related companies.

Between 1942 and 1975 the federal government boosted the local economy by operating an airfield first known as Clinton Naval Air Station and later as Clinton-Sherman Air Force Base.

### Current Condition

The current conditions of Clinton surviving a large wildfire inside the City limits are very good. After a complete assessment of the City the overall Wildfire Hazard Rating is **59** which is a low risk rating. The chances of a majority of homes surviving a wildfire are very **Good**. Contributing factors for this success include a very active Code Enforcement Unit within the City government as well as the fuel reduction work currently being done by the Public Works department. Continuing the fuel reduction work currently being accomplished as well as encouraging fuel reduction projects in privately owned lands will ensure the continued success of a **Low Risk** community.

### Ingress / Egress

*Access:* Primary access into the City is by Interstate 40 traveling East to West and Highway 183 from the North and South. Also Highway 73 leads out of the City on the West-Central side. Any of these access points makes coming into or leaving the City very easy. There are also many county roads as well as part of old Highway 66 that connects to the City in various locations.

*Signage:* Provides good guidance into the City from each direction. All entries are well marked and provided with all-weather roadways of sufficient width to handle emergency vehicle access into all areas of the City. All major intersections and Secondary roads are well marked with "Post type" at each entrance of the City.

*Subdivision access:* All roads in each subdivision are of sufficient width and are of hard surface type that would easily handle any type of emergency vehicle access. Because of the width of the City roadways there should be no problems for emergency vehicles entering subdivisions as area residents are leaving.

*Street Signs:* All areas of the City are provided with high visibility Post-Type street signs at each intersection. As well most homes have address numbering that is visible from the street.

### *Emergency Evacuation:*

Evacuation from the City in event of a large fire entering City limits should not pose problems as many of the subdivisions connect to major thoroughway streets or County roads. The fire department also has the ability to broadcast emergency message by way of the local radio station as well as over the cable system for the desired evacuation routes if necessary. As well the City has added Blackboard Connect (reverse 911) and can send emergency messages to the entire City at one time.

### Public Fire Protection

*Clinton Fire Department:* The Clinton Fire Department is very aggressive and community oriented that places public safety very high. With this aggressive nature the City currently has an ISO classification 3 rating. The department is well equipped to provide fire protection to the public with a fleet consisting of 3-engines, 1-ladder truck, 1-tanker truck, 4-brush/wildland trucks, 2-command vehicles and 1-well equipped rescue truck. The department provides their services with 14-full time and 16-volunteer firefighters. The fire department works out of a single station located at W. Gary Blvd and N 6<sup>th</sup> St. The Clinton Fire Department takes the threat of wildland fires very seriously and have policies and procedures in place for rapid response to these fires. Clinton Fire Department augments their firefighting capabilities with mutual agreements from all surrounding fire departments.

### Water Supply

The City receives its water supply from the City utilities department. The system consists of 4-storage tanks totaling 3,350,000 gallons. The City receives its water from Clinton Lake and Foss Lake Reservoir. The system is connect to a distribution system for distribution throughout the City and has standard type fire hydrants with spacing of approximately 500 to 600 feet. The City has a more than adequate supply for both structural fire protection as well as any large front wildfire where homes may be threatened.

### Utilities

The City receives its electrical supply from PSO by means of both above ground and underground power lines. Natural gas is supplied by ONG through an underground distribution system.

### Defensible Space

The City of Clinton has a rich heritage of a farming community from its early days. There are areas that are still zoned for agricultural use within the City, although most of these areas are of grass they are being use a pasture lands and do not tend to be overgrown. On the surrounding edges of the City there are large areas of natural grasses which are of concern, but with the wheat production these are intermingled with tilled fields that also provide firebreaks and advantage points during wildland firefighting.

Homes within the City range in construction dating from the early 1900's to present. Most homes have good separation and do not pose a great exposure risk. Although within the area of "Rolling Hills" addition, these homes were built with wood shake singles. Today these are slowly being replaced with class A type shingles which will lessen the fire risk in this area. The City has a mix of hardwood and evergreen trees throughout. Most trees are well spaced, but as common tree limbs are overhanging roof lines and many of the evergreen trees have not been pruned and limbs are at ground level.

### High Hazard Areas

1. North side of Dougherty Ave. – This area has an old auto salvage yard with a mix of salvage autos and tall Johnson grass adjoining native grass fields.
2. Custer Ave. – West of 28<sup>th</sup> St. areas of tall native grass.
3. S 28<sup>th</sup> St. – South of Commerce St. large field of native grass with cedar trees surrounding housing addition.
4. Chapman St. – Between Neptune Dr and Red Wheat Dr on N side of road is an old salvage yard with vehicles and tall grasses. This continues to the West and joins an area of tall grass mixed with Cedar trees.
5. Glenn Smith Rd – Old packing plant in which is overgrown with Johnson grass and continues to the N behind homes in fence row.
6. Warehouse in Industrial complex – Wood pallet yard. Although not a high hazard as to wildfire encroaching into them, embers could easily be blown into them creating a high property loss if on fire.
7. Railroad Tracks – There are 5-railroads leading into the City, each has tall grasses and piles of old railroad ties.

### **Community Wildfire History: (include surrounding areas)**

Relative Frequency: 150

Common Causes: Carelessness, Escaping controlled burns, Arching Power lines, Vehicles, Machinery, Trains.

Areas of Future Concern: All WUI areas as the drought has reached a severe category.

Additional Comments: With regards to the Railroads. This is an area of very high concern as there are many fires caused from the trains. The railroad has been placing fuel additives into their fuel as well as placing screens over exhaust stacks to try and lessen hot carbon coming from them. Although this has helped lessen the fires it will not stop them all together. The Fire Departments along the tracks must stay alert for fires in these areas and maintain quick responses to lessen fire loses to adjoining land owners.

## **2) COMMUNITY BASE MAP AND OTHER VISUALS**

*See map # 1 – Base map.*

## **3) OBJECTIVES / GOALS**

Edit as needed to match community needs.

### **Objectives:**

The objectives of this plan/report are 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:**

The goals are fuel reduction and structure ignitability reduction that will protect this community and its essential infrastructure. It also includes a wildfire pre-suppression plan.

**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.

**Proposed Community Hazard Reduction Priorities:**

List area and treatment recommended.

1. North side of Dougherty Ave. clean and mow vegetation along roadway.
2. Custer Ave mow vegetation along roadway, create fire breaks in fields of native grasses.
3. S. 28<sup>th</sup> St. mow roadway and provide fire breaks in grasslands and do cedar tree eradication.
4. Chapman Rd clean, mow and do cedar tree eradication along roadway.
5. Glenn Smith Rd. clear and mow vegetation from road and around properties.
6. Cut, prune and mow vegetation in shared community spaces.

**Proposed Structural Ignitability Reduction Priorities:**

Actions to be taken by homeowners.

1. Trim limbs overhanging homes and prune cedar branches that are close to ground.
2. Clean tree leaves from around base of homes.
3. Move all firewood a distance of 30' from homes.
4. Remove items from under elevated decks.
5. Enclose elevated decks with ¼" screening.

**Proposed Education and Outreach Priorities:**

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

1. Offer home firewise inspections.
2. Distribute firewise information with water bills.
3. Include firewise information at schools during fire safety visits.
4. Place firewise articles in local newspaper and do public service radio announcements during times of high fire danger.
5. Place firewise brochures at City Hall and give to all new residents.

**5) ACTION PLAN****Funding Needs:**

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

1. Apply for EQUIP grant for fuel mitigation. (USDA)
2. Publish Firewise articles in Clinton Daily News (free).
3. Present Firewise information at Clinton Public Schools (free).
4. Increase public awareness and encourage citizens to participate in community projects. (no funds needed)  
Place brochures at City Hall, available from OK Forestry Service.
5. Visit with County about doing more fuel reduction along roadways.

- Submit application for recognition as Firewise Community/USA.

**Timetables:**

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

- This would be an annual program, following grant schedule.
- Newspaper articles should begin March and October of each year. Run more often when dry conditions exist.
- Firewise information at Schools would become annual event.
- Information at City Hall should be available throughout year.
- Roadway fuel reduction should begin in early spring and continue throughout growing season.
- Yearly submit application as Firewise Community/USA.

**Assessment:**

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

- Number of fuel mitigation projects being done each year.
- Newspaper articles being ran at beginning of fire season and more often when dry conditions exist.
- School adding Firewise education.
- Amount of Firewise information being taken from City Hall.
- Amount of fuel reduction projects being completed.

**6) WILDFIRE PRE-SUPPRESSION PLAN**

**A. Wildfire Protection Responsibility**

Structural Protection:	Clinton Fire Department
Wildland Protection:	Clinton Fire Department

**B. Incident Command Post Location**

Incident Specific

**C. Incident Staging Area Location**

Incident Specific

**D. Medical Unit Staging Area Location**

Incident Specific

**E. Alarm Response**

**First Alarm**

Fire Department/Rescue Squad	Travel Distance	Response Time
Clinton Fire Department	Local	2 - minutes

**Second Alarm (report to designated staging area)**

Fire Department/Rescue Squad	Travel Distance	Response Time
Arapaho FD	4 – miles	10 – minutes
Bessie FD	9 – miles	15 – minutes
Weatherford FD	15 – miles	15 – minutes

Foss FD	15 – miles	18 – minutes
Butler FD	21 – miles	25 – minutes

**F. Air Support**

**Fixed Wing**

Aircraft	Contact Number	Dispatching Guidelines
Oklahoma Department of Emergency Management	(800) 800-2481	Dependant availability through Oklahoma Forestry Service.

**Helicopter**

Aircraft	Contact Number	Dispatching Guidelines
Oklahoma Department of Emergency Management	(800) 800-2481	Dependant availability through Oklahoma Forestry Service.

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

Location: Pressurized fire hydrants throughout the city. Description: Standard type fire hydrants.

Location: \_\_\_\_\_ Description: \_\_\_\_\_

**H. Communications (Attach Communications Plan if available)**

Name	Phone Number	Radio Frequencies
Dispatch/Fire Departments		
Clinton Fire Department	323-1313 or 911	154.130
Clinton E-911 PSAP	911	154.130
Weatherford Fire Department	772-3131	154.130
Local Department of Forestry Office		
Tom Murray	(580) 331-7319	154.130
Other		

**I. Evacuation (Attach Evacuation Plan)**

**J. Resource List**

Name	Contact Information	Payment Information
Support Agencies		
Custer County Commissioners	(580) 323-4420	Free
Custer Co. Emergency Management	(580) 323-4105	Free
Custer County Sheriff	(580) 323-1616	Free
Oklahoma Highway Patrol	(580) 323-2424	Free
Tractor Operators		
County Commissioners	(580) 323-4420	Free

Crews		
BIA	(580) 772-2635	Free
Utilities		
PSO	(888) 237-2221	Free
ONG	(800) 664-5463	Free
Fuel		
Mid-West Farmers Co-op	(580) 323-0307	Credit Card
Smith Oil Co.	(580) 323-2929	Cash / Credit Card
Domino Express	(580) 323-3431	Cash / Credit Card
Food and Supplies		
Homeland	(580) 323-0135	Cash / Credit Card
United Supermarket	(580) 323-1811	
Lodging		
Days Inn	(580) 323-5550	Credit Card
Ramada Inn	(580) 323-2010	Credit Card

**7) ADDITIONAL COMMENTS**

Current Drought condition.

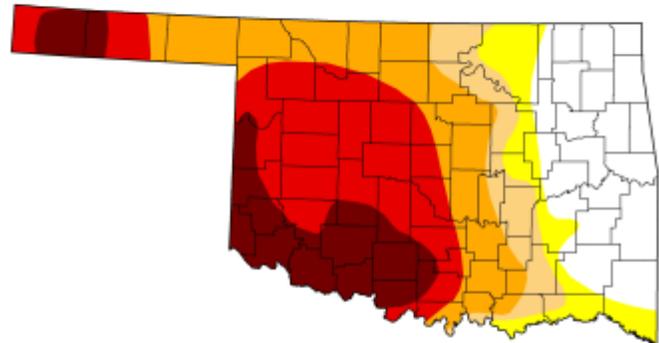
# U.S. Drought Monitor

## Oklahoma

**May 10, 2011**  
Valid 7 a.m. EST

*Drought Conditions (Percent Area)*

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	22.11	77.89	69.69	61.23	40.19	15.14
Last Week (05/03/2011 map)	24.44	75.56	69.37	55.77	37.52	5.39
3 Months Ago (02/08/2011 map)	0.08	99.92	57.88	5.55	0.00	0.00
Start of Calendar Year (12/28/2010 map)	13.82	86.18	47.90	1.50	0.00	0.00
Start of Water Year (09/28/2010 map)	66.28	33.72	4.21	0.00	0.00	0.00
One Year Ago (05/04/2010 map)	92.99	7.01	0.00	0.00	0.00	0.00



Intensity:

- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.*

<http://drought.unl.edu/dm>



**Released Thursday, May 12, 2011**  
**Rich Tinker, NOAA/NWS/NCEP/CPC**

**8) ATTACHMENTS (List here in order of attachment)**

Page 14 Base Map

Page 15 Assessments

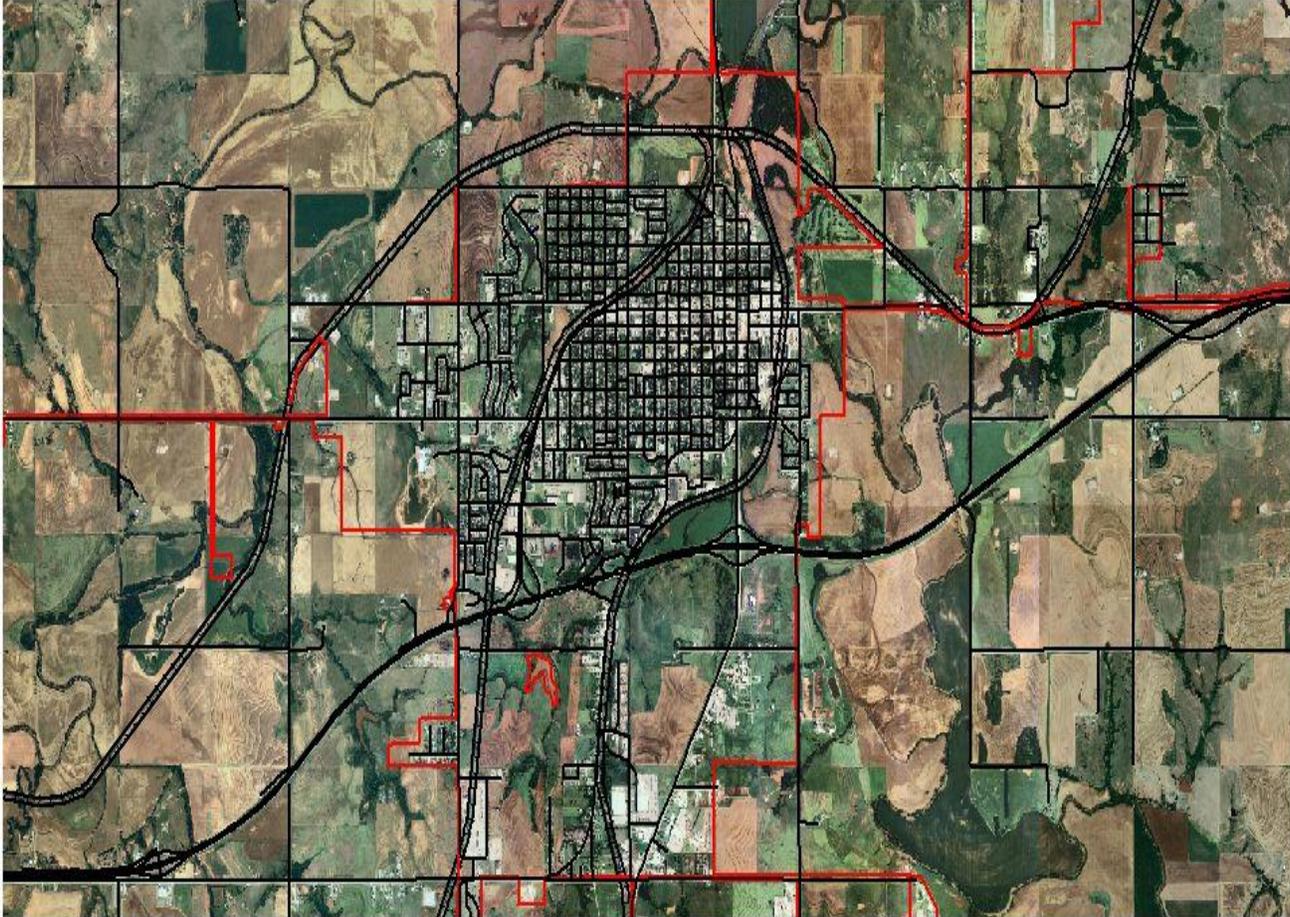
Page 16 Road Widths

Page 17 Ingress / Egress

Page 18 High Hazard Areas

Page 19 Community Assessments

# Base Map



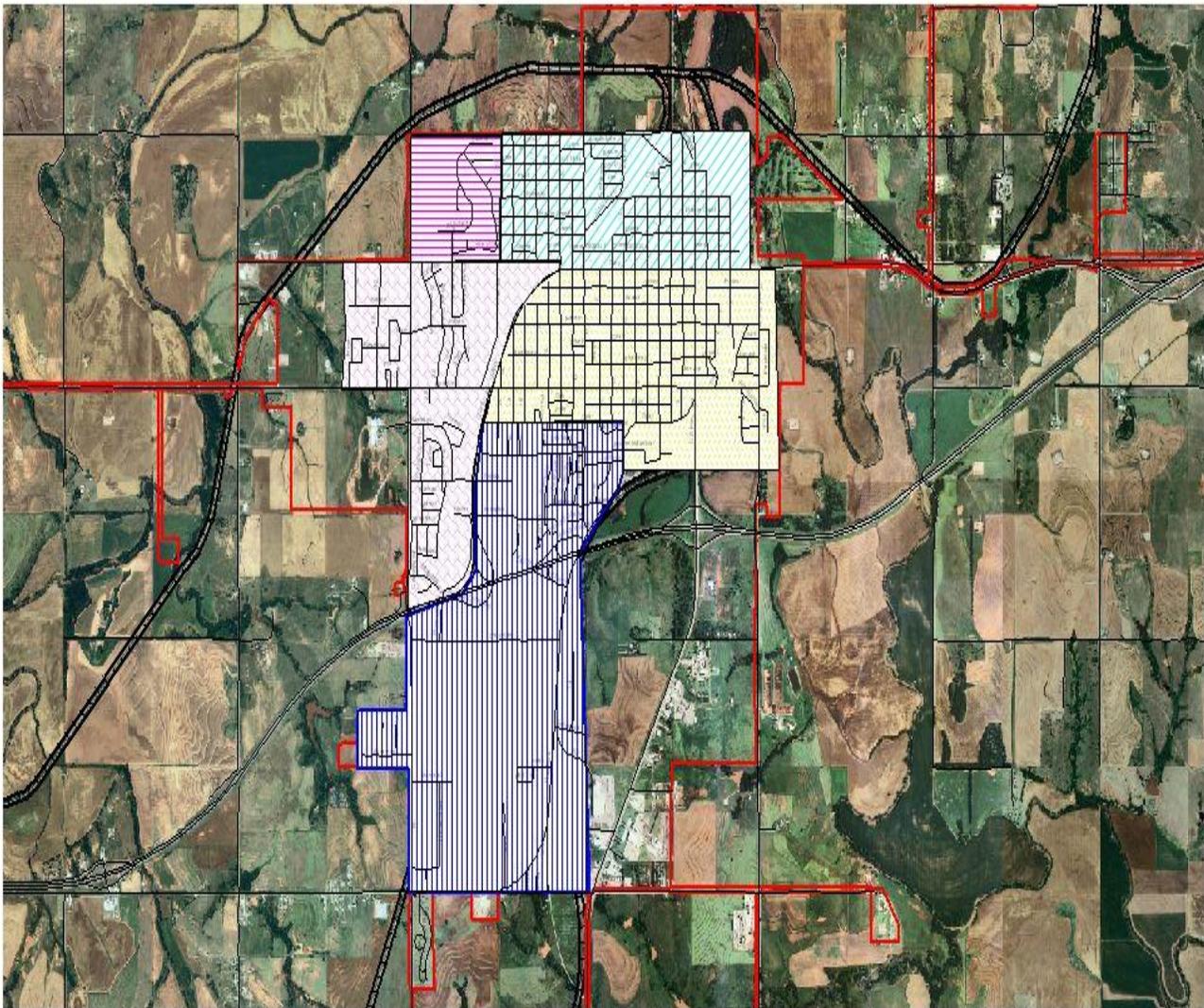
Firewise Clinton

— Roads     Railroads

 City Limits



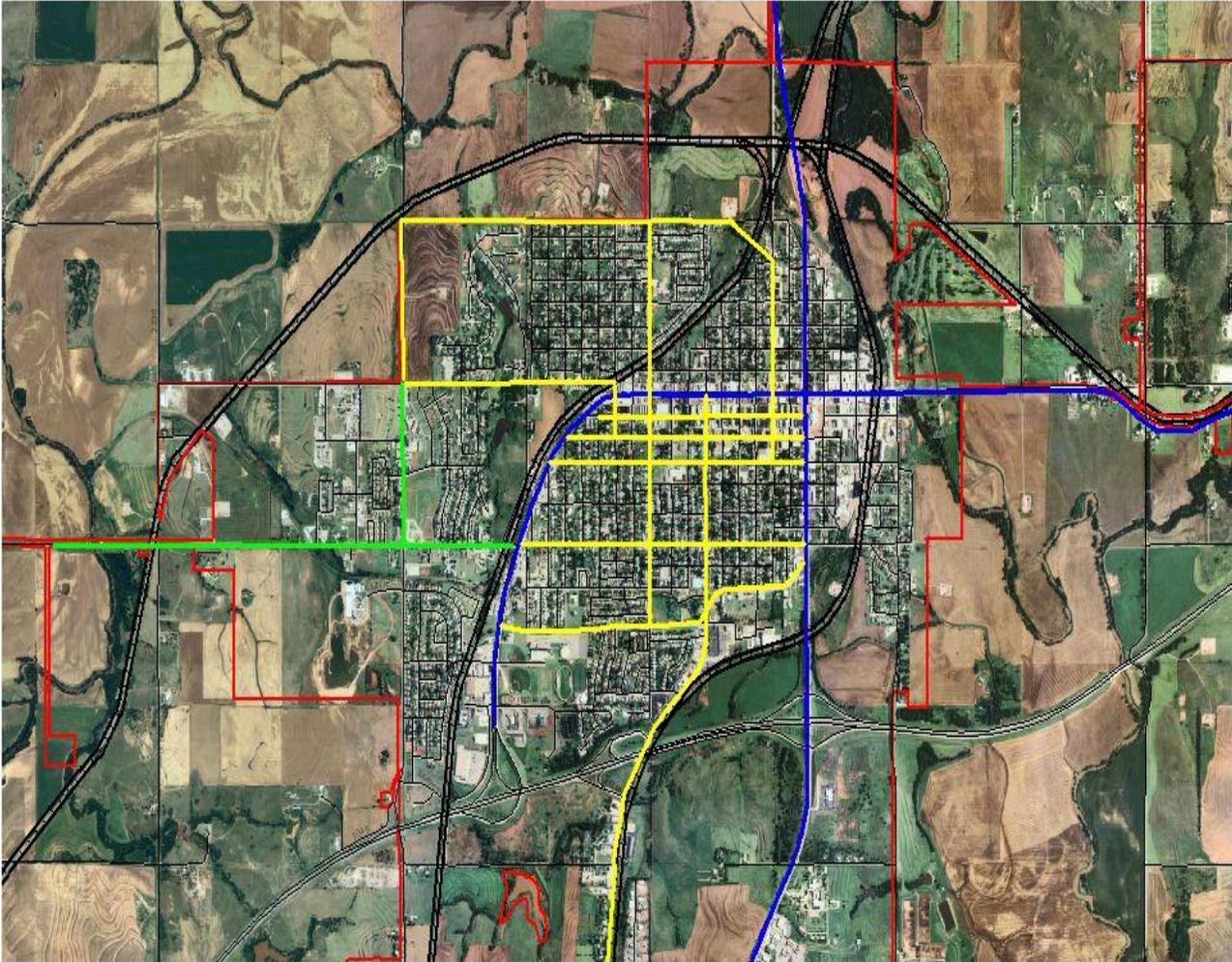
# ASSESSMENTS



Fireable Clinch		
— Roads	□ Assessment 3	□ City Limits
■ Assessment 1	■ Assessment 4	
■ Assessment 2	■ Assessment 5	



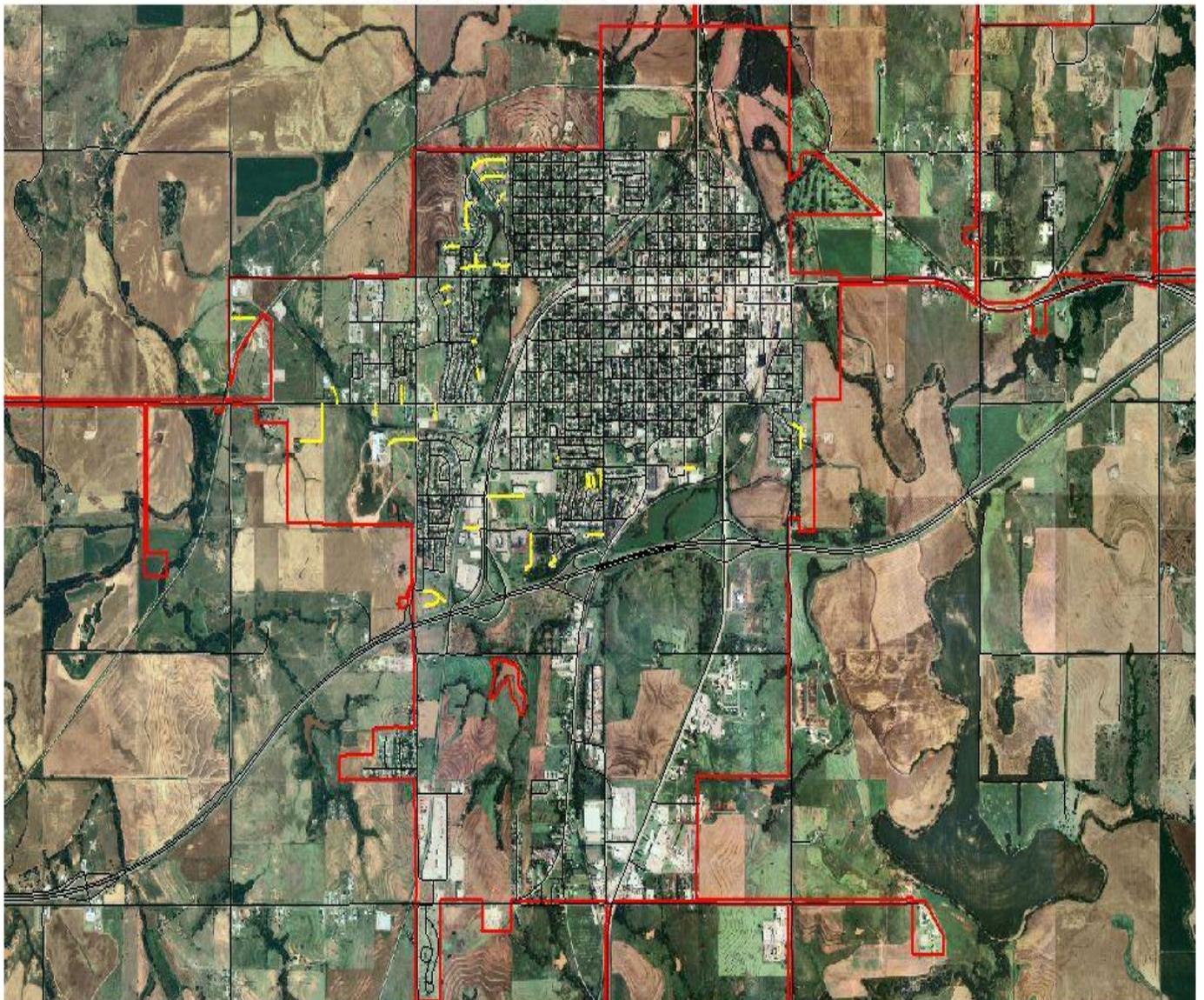
# ROAD WIDTHS



Legend	
Road Widths	38'
80'	Roads
66'	City Limits



# INGRESS / EGRESS

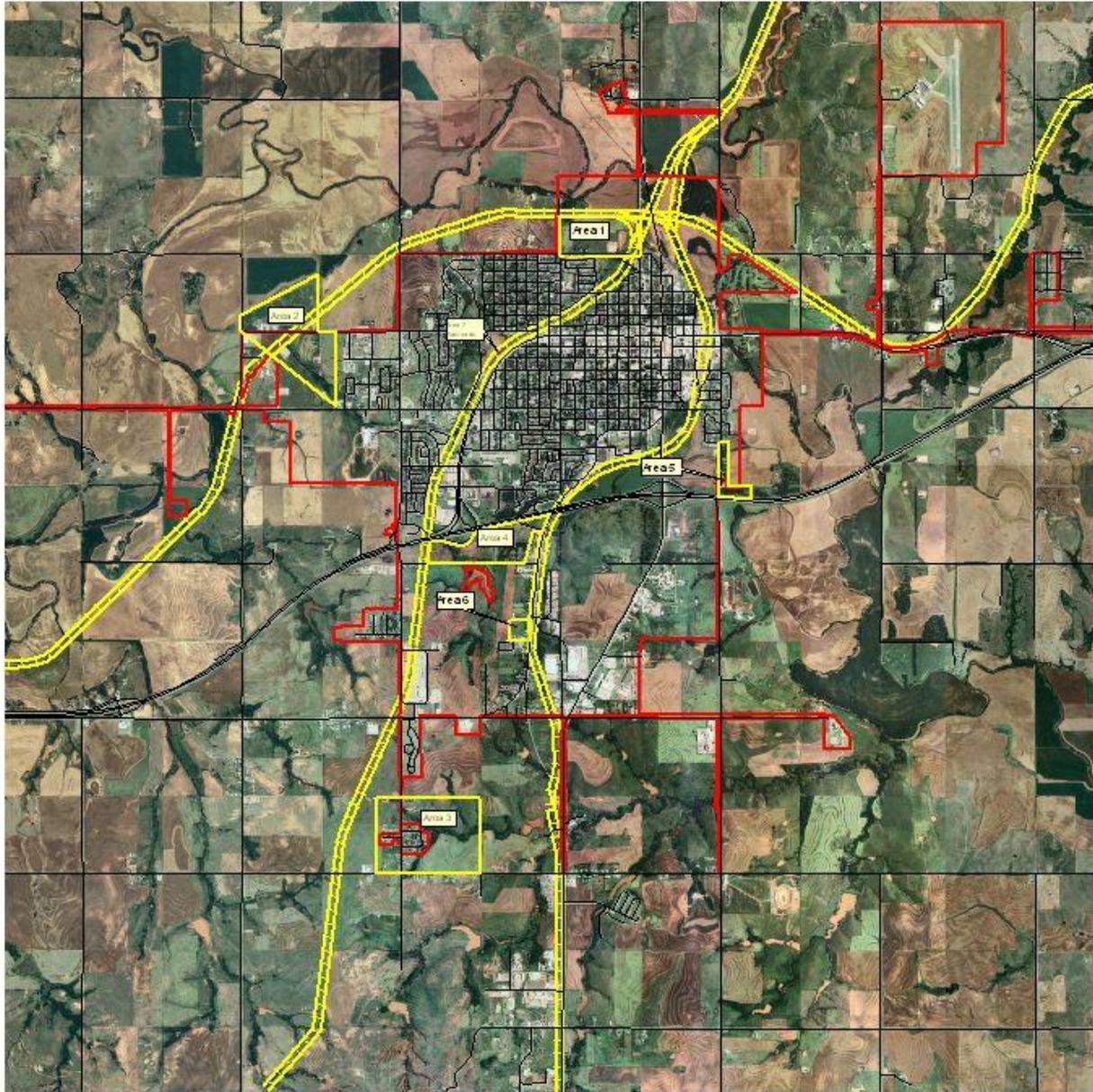


Firewise Clinton

- One way Egress
- City Limits
- Roads



# HAZARD AREAS



Firewise Clinton

	Hazard Area		City Limits
	Roads		Railroads



**OKLAHOMA FORESTRY DIVISION  
COMMUNITY WILDFIRE RISK AND HAZARD ASSESSMENT**

Forestry Office: Burns Flat  
 Community: Clinton (Area 1) County: Custer  
 Latitude: 35°30'34"N Longitude: 98°58'27"W  
 Fire Department: Clinton Fire Department  
 Date: 4/6/11  
 Acres: 5696 Lots: 8544 Homes: 3877 Future Homes: >10 / year

**CALCULATING THE WILDFIRE HAZARD RATING**

SUBDIVISION DESIGN HAZARD RATING	+ SITE HAZARD RATING	+ BUILDING CONSTRUCTION HAZARD RATING	+ ADDITIONAL FACTOR HAZARD RATING	= OVERALL WILDFIRE HAZARD RATING
2	25	10	20	57

SUBDIVISION DESIGN RATING	Rating	
<b>ACCESS</b>		
Two or more roads	0	0
One road, plus alternative	3	
One road in/out	7	
<b>SUBDIVISION BRIDGES</b>		
No bridges or bridges with no weight and or width restrictions	0	0
Low weight or narrow bridges restricting emergency access	5	
<b>PRIMARY ROAD WIDTHS</b>		
>24 ft	0	0
>20 ft and <24 ft	2	
<20 ft	4	
<b>ACCESSIBILITY</b>		
Surfaced road, grade < 5%	0	0
Surfaced road, grade > 5%	2	
Non-surface road, grade < 5%	2	
Non-surface road, grade > 5%	5	
Other than all-season road	7	
<b>SECONDARY ROAD TERMINUS</b>		
< 300 ft with turnaround	0	
> 300 ft with turnaround	2	2
< 300 ft without turnaround	4	
> 300 ft without turnaround	5	
<b>UNSAFE ROADWAY</b>		
No flammable vegetation threat	0	0
Highly flammable vegetation along road	5	
<b>STREET SIGNS</b>		
Present 4 inches in size and reflective	0	0
Not present	5	
<b>TOTAL SUBDIVISION DESIGN</b>		2

**OKLAHOMA FORESTRY DIVISION**  
**COMMUNITY WILDFIRE RISK AND HAZARD ASSESSMENT**

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

**OKLAHOMA FORESTRY DIVISION  
COMMUNITY WILDFIRE RISK AND HAZARD ASSESSMENT**

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

<b>ADDITIONAL HAZARD FACTORS</b>	<b>Rating</b>	
<b>FIRE CONTROL WATER SUPPLY</b>		
Pressurized hydrants with minimum 500 gpm < 1,000 ft apart	0	0
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 miles of the community	15	
<b>UTILITIES</b>		
Both underground	0	0
One underground, one above ground	3	
Both aboveground	5	
<b>SURROUNDING ENVIRONMENT</b>		
Community is not surrounded by any large natural landscape	0	10
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	
<b>UNDEVELOPED LOTS</b>		
Less than 10% of lots have not been developed and pose no additional wildfire hazard due to lack of maintenance	0	0
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	
<b>RISK LOCATION</b>		
Community is located within the following designated Wildland Fire Suceptibility Index according to the Southern Wildfire Risk Assessment		
Low (Class Value 1 - 2)	0	10
Medium (Class Value 3 - 5)	10	
High (Class Value 6 - 9)	20	
<b>TOTAL ADDITIONAL HAZARD FACTORS</b>		20

**OKLAHOMA FORESTRY DIVISION  
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 Acres: 5696 Lots: 8544 Homes: 3877 Future Homes: >10 / year

**CALCULATING THE WILDFIRE HAZARD RATING**

SUBDIVISION DESIGN HAZARD RATING	+ SITE HAZARD RATING	+ BUILDING CONSTRUCTION HAZARD RATING	+ ADDITIONAL FACTOR HAZARD RATING	= OVERALL WILDFIRE HAZARD RATING
2	25	10	23	60

SUBDIVISION DESIGN RATING	Rating	
<b>ACCESS</b>		
Two or more roads	0	0
One road, plus alternative	3	
One road in/out	7	
<b>SUBDIVISION BRIDGES</b>		
No bridges or bridges with no weight and or width restrictions	0	0
Low weight or narrow bridges restricting emergency access	5	
<b>PRIMARY ROAD WIDTHS</b>		
>24 ft	0	0
>20 ft and <24 ft	2	
<20 ft	4	
<b>ACCESSIBILITY</b>		
Surfaced road, grade < 5%	0	0
Surfaced road, grade > 5%	2	
Non-surface road, grade < 5%	2	
Non-surface road, grade > 5%	5	
Other than all-season road	7	
<b>SECONDARY ROAD TERMINUS</b>		
< 300 ft with turnaround	0	
> 300 ft with turnaround	2	2
< 300 ft without turnaround	4	
> 300 ft without turnaround	5	
<b>UNSAFE ROADWAY</b>		
No flammable vegetation threat	0	0
Highly flammable vegetation along road	5	
<b>STREET SIGNS</b>		
Present 4 inches in size and reflective	0	0
Not present	5	
<b>TOTAL SUBDIVISION DESIGN</b>		2

**OKLAHOMA FORESTRY DIVISION**  
**COMMUNITY WILDFIRE RISK AND HAZARD ASSESSMENT**

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

**OKLAHOMA FORESTRY DIVISION  
COMMUNITY WILDFIRE RISK AND HAZARD ASSESSMENT**

<b>BUILDING CONSTRUCTION HAZARD RATING</b>	<b>Rating</b>	
<b>ROOFING MATERIALS</b>		
Greater than 75% of homes have metal, tile or Class A shingles	0	0
50 to 75% of homes have a metal, tile or Class A shingles	10	
Less than 50% of homes have metal, tile or Class A shingles	15	
<b>SIDING / SOFFETS</b>		
Greater than 75% of homes have fire resistant siding and soffets	0	
50 to 75% of homes have fire resistant siding and soffets	5	
Less than 50% of homes have fire resistant siding and soffets	10	10
<b>UNDERSKIRTING</b>		
Greater than 75% of homes have the equivalent of fine mesh screening underneath	0	0
50 to 75% of the homes have the equivalent of fine mesh screening underneath	5	
Less than 50% of the homes have the equivalent of fine mesh screening underneath	10	
<b>TOTAL BUILDING CONSTRUCTION HAZARD RATING</b>		10
<b>ADDITIONAL HAZARD FACTORS</b>		
<b>FIRE CONTROL WATER SUPPLY</b>		
Pressurized hydrants with minimum 500 gpm < 1,000 ft apart	0	0
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 miles of the community	15	
<b>UTILITIES</b>		
Both underground	0	
One underground, one above ground	3	3
Both aboveground	5	
<b>SURROUNDING ENVIRONMENT</b>		
Community is not surrounded by any large natural landscape	0	
Large natural landscape adjoins one side of the community	5	
Large natural landscape adjoins two sides of the community	10	10
Large natural landscape adjoins three sides of the community	15	
Community is completely surrounded by natural landscape	20	
<b>UNDEVELOPED LOTS</b>		
Less than 10% of lots have not been developed and pose no additional wildfire hazard due to lack of maintenance	0	0
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	
<b>RISK LOCATION</b>		
Community is located within the following designated Wildland Fire Suceptibility Index according to the Southern Wildfire Risk Assessment		
Low (Class Value 1 - 2)	0	
Medium (Class Value 3 - 5)	10	10
High (Class Value 6 - 9)	20	
<b>TOTAL ADDITIONAL HAZARD FACTORS</b>		23

**OKLAHOMA FORESTRY DIVISION  
COMMUNITY WILDFIRE RISK AND HAZARD ASSESSMENT**

Forestry Office: Burns Flat

Community: Clinton (Area 3) County: Custer

Latitude: 35°30'34"N Longitude: 98° 58'27"W

Fire Department: Clinton Fire Department

Date: 4/6/11

Acres: 5696 Lots: 8544 Homes: 3877 Future Homes: >10 / year

**CALCULATING THE WILDFIRE HAZARD RATING**

<b>SUBDIVISION DESIGN HAZARD RATING</b>	<b>+ SITE HAZARD RATING</b>	<b>+ BUILDING CONSTRUCTION HAZARD RATING</b>	<b>+ ADDITIONAL FACTOR HAZARD RATING</b>	<b>= OVERALL WILDFIRE HAZARD RATING</b>
0	25	0	21	46

<b>SUBDIVISION DESIGN RATING</b>	<b>Rating</b>	
<b>ACCESS</b>		
Two or more roads	0	0
One road, plus alternative	3	
One road in/out	7	
<b>SUBDIVISION BRIDGES</b>		
No bridges or bridges with no weight and or width restrictions	0	0
Low weight or narrow bridges restricting emergency access	5	
<b>PRIMARY ROAD WIDTHS</b>		
>24 ft	0	0
>20 ft and <24 ft	2	
<20 ft	4	
<b>ACCESSIBILITY</b>		
Surfaced road, grade < 5%	0	0
Surfaced road, grade > 5%	2	
Non-surface road, grade < 5%	2	
Non-surface road, grade > 5%	5	
Other than all-season road	7	
<b>SECONDARY ROAD TERMINUS</b>		
< 300 ft with turnaround	0	0
> 300 ft with turnaround	2	
< 300 ft without turnaround	4	
> 300 ft without turnaround	5	
<b>UNSAFE ROADWAY</b>		
No flammable vegetation threat	0	0
Highly flammable vegetation along road	5	
<b>STREET SIGNS</b>		
Present 4 inches in size and reflective	0	0
Not present	5	
<b>TOTAL SUBDIVISION DESIGN</b>		0

**OKLAHOMA FORESTRY DIVISION**  
**COMMUNITY WILDFIRE RISK AND HAZARD ASSESSMENT**

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

**OKLAHOMA FORESTRY DIVISION  
COMMUNITY WILDFIRE RISK AND HAZARD ASSESSMENT**

<b>BUILDING CONSTRUCTION HAZARD RATING</b>	<b>Rating</b>	
<b>ROOFING MATERIALS</b>		
Greater than 75% of homes have metal, tile or Class A shingles	0	0
50 to 75% of homes have a metal, tile or Class A shingles	10	
Less than 50% of homes have metal, tile or Class A shingles	15	
<b>SIDING / SOFFETS</b>		
Greater than 75% of homes have fire resistant siding and soffets	0	0
50 to 75% of homes have fire resistant siding and soffets	5	
Less than 50% of homes have fire resistant siding and soffets	10	
<b>UNDERSKIRTING</b>		
Greater than 75% of homes have the equivalent of fine mesh screening underneath	0	0
50 to 75% of the homes have the equivalent of fine mesh screening underneath	5	
Less than 50% of the homes have the equivalent of fine mesh screening underneath	10	
<b>TOTAL BUILDING CONSTRUCTION HAZARD RATING</b>		0
<b>ADDITIONAL HAZARD FACTORS</b>		
<b>FIRE CONTROL WATER SUPPLY</b>		<b>Rating</b>
Pressurized hydrants with minimum 500 gpm < 1,000 ft apart	0	0
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 miles of the community	15	
<b>UTILITIES</b>		
Both underground	0	
One underground, one above ground	3	3
Both aboveground	5	
<b>SURROUNDING ENVIRONMENT</b>		
Community is not surrounded by any large natural landscape	0	
Large natural landscape adjoins one side of the community	5	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	
<b>UNDEVELOPED LOTS</b>		
Less than 10% of lots have not been developed and pose no additional wildfire hazard due to lack of maintenance	0	
10 to 50% of lots have not been developed	3	3
51 to 75% of lots have not been developed	5	
Greater than 75% of lots have not been developed	10	
<b>RISK LOCATION</b>		
Community is located within the following designated Wildland Fire Suceptibility Index according to the Southern Wildfire Risk Assessment		
Low (Class Value 1 - 2)	0	
Medium (Class Value 3 - 5)	10	10
High (Class Value 6 - 9)	20	
<b>TOTAL ADDITIONAL HAZARD FACTORS</b>		21

**OKLAHOMA FORESTRY DIVISION  
COMMUNITY WILDFIRE RISK AND HAZARD ASSESSMENT**

Forestry Office: Burns Flat

Community: Clinton (Area 4) County: Custer

Latitude: 35°30'34"N Longitude: 98°58'27"W

Fire Department: Clinton Fire Department

Date: 4/6/11

Acres: 5696 Lots: 8544 Homes: 3877 Future Homes: >10 / year

**CALCULATING THE WILDFIRE HAZARD RATING**

<b>SUBDIVISION DESIGN HAZARD RATING</b>	<b>+ SITE HAZARD RATING</b>	<b>+ BUILDING CONSTRUCTION HAZARD RATING</b>	<b>+ ADDITIONAL FACTOR HAZARD RATING</b>	<b>= OVERALL WILDFIRE HAZARD RATING</b>
5	30	20	23	73

<b>SUBDIVISION DESIGN RATING</b>	<b>Rating</b>	
<b>ACCESS</b>		
Two or more roads	0	0
One road, plus alternative	3	
One road in/out	7	
<b>SUBDIVISION BRIDGES</b>		
No bridges or bridges with no weight and or width restrictions	0	0
Low weight or narrow bridges restricting emergency access	5	
<b>PRIMARY ROAD WIDTHS</b>		
>24 ft	0	0
>20 ft and <24 ft	2	
<20 ft	4	
<b>ACCESSIBILITY</b>		
Surfaced road, grade < 5%	0	0
Surfaced road, grade > 5%	2	
Non-surface road, grade < 5%	2	
Non-surface road, grade > 5%	5	
Other than all-season road	7	
<b>SECONDARY ROAD TERMINUS</b>		
< 300 ft with turnaround	0	0
> 300 ft with turnaround	2	
< 300 ft without turnaround	4	
> 300 ft without turnaround	5	
<b>UNSAFE ROADWAY</b>		
No flammable vegetation threat	0	
Highly flammable vegetation along road	5	5
<b>STREET SIGNS</b>		
Present 4 inches in size and reflective	0	0
Not present	5	
<b>TOTAL SUBDIVISION DESIGN</b>		5

**OKLAHOMA FORESTRY DIVISION  
COMMUNITY WILDFIRE RISK AND HAZARD ASSESSMENT**

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

**OKLAHOMA FORESTRY DIVISION**  
**COMMUNITY WILDFIRE RISK AND HAZARD ASSESSMENT**

<b>BUILDING CONSTRUCTION HAZARD RATING</b>	<b>Rating</b>	
<b>ROOFING MATERIALS</b>		
Greater than 75% of homes have metal, tile or Class A shingles	0	10
50 to 75% of homes have a metal, tile or Class A shingles	10	
Less than 50% of homes have metal, tile or Class A shingles	15	
<b>SIDING / SOFFETS</b>		
Greater than 75% of homes have fire resistant siding and soffets	0	5
50 to 75% of homes have fire resistant siding and soffets	5	
Less than 50% of homes have fire resistant siding and soffets	10	
<b>UNDERSKIRTING</b>		
Greater than 75% of homes have the equivalent of fine mesh screening underneath	0	5
50 to 75% of the homes have the equivalent of fine mesh screening underneath	5	
Less than 50% of the homes have the equivalent of fine mesh screening underneath	10	
<b>TOTAL BUILDING CONSTRUCTION HAZARD RATING</b>		20
<b>ADDITIONAL HAZARD FACTORS</b>	<b>Rating</b>	
<b>FIRE CONTROL WATER SUPPLY</b>		
Pressurized hydrants with minimum 500 gpm < 1,000 ft apart	0	0
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 miles of the community	15	
<b>UTILITIES</b>		
Both underground	0	3
One underground, one above ground	3	
Both aboveground	5	
<b>SURROUNDING ENVIRONMENT</b>		
Community is not surrounded by any large natural landscape	0	10
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	
<b>UNDEVELOPED LOTS</b>		
Less than 10% of lots have not been developed and pose no additional wildfire hazard due to lack of maintenance	0	0
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	
<b>RISK LOCATION</b>		
Community is located within the following designated Wildland Fire Suceptibility Index according to the Southern Wildfire Risk Assessment		
Low (Class Value 1 - 2)	0	10
Medium (Class Value 3 - 5)	10	
High (Class Value 6 - 9)	20	
<b>TOTAL ADDITIONAL HAZARD FACTORS</b>		23

**OKLAHOMA FORESTRY DIVISION  
COMMUNITY WILDFIRE RISK AND HAZARD ASSESSMENT**

Forestry Office: \_\_\_\_\_  
 Community: Clinton (Area 5) County: Custer  
 Latitude: 35°30'34"N Longitude: 98°58'27"W  
 Fire Department: Clinton Fire Department  
 Date: 4/6/11  
 Acres: 5696 Lots: 8544 Homes: 3877 Future Homes: >10 / year

**CALCULATING THE WILDFIRE HAZARD RATING**

SUBDIVISION DESIGN HAZARD RATING	+ SITE HAZARD RATING	+ BUILDING CONSTRUCTION HAZARD RATING	+ ADDITIONAL FACTOR HAZARD RATING	= OVERALL WILDFIRE HAZARD RATING
5	30	0	23	58

SUBDIVISION DESIGN RATING	Rating	
<b>ACCESS</b>		
Two or more roads	0	0
One road, plus alternative	3	
One road in/out	7	
<b>SUBDIVISION BRIDGES</b>		
No bridges or bridges with no weight and or width restrictions	0	0
Low weight or narrow bridges restricting emergency access	5	
<b>PRIMARY ROAD WIDTHS</b>		
>24 ft	0	0
>20 ft and <24 ft	2	
<20 ft	4	
<b>ACCESSIBILITY</b>		
Surfaced road, grade < 5%	0	0
Surfaced road, grade > 5%	2	
Non-surface road, grade < 5%	2	
Non-surface road, grade > 5%	5	
Other than all-season road	7	
<b>SECONDARY ROAD TERMINUS</b>		
< 300 ft with turnaround	0	0
> 300 ft with turnaround	2	
< 300 ft without turnaround	4	
> 300 ft without turnaround	5	
<b>UNSAFE ROADWAY</b>		
No flammable vegetation threat	0	
Highly flammable vegetation along road	5	5
<b>STREET SIGNS</b>		
Present 4 inches in size and reflective	0	0
Not present	5	
<b>TOTAL SUBDIVISION DESIGN</b>		5

**OKLAHOMA FORESTRY DIVISION**  
**COMMUNITY WILDFIRE RISK AND HAZARD ASSESSMENT**

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

**OKLAHOMA FORESTRY DIVISION  
COMMUNITY WILDFIRE RISK AND HAZARD ASSESSMENT**

<b>BUILDING CONSTRUCTION HAZARD RATING</b>	<b>Rating</b>	
<b>ROOFING MATERIALS</b>		
Greater than 75% of homes have metal, tile or Class A shingles	0	0
50 to 75% of homes have a metal, tile or Class A shingles	10	
Less than 50% of homes have metal, tile or Class A shingles	15	
<b>SIDING / SOFFETS</b>		
Greater than 75% of homes have fire resistant siding and soffets	0	0
50 to 75% of homes have fire resistant siding and soffets	5	
Less than 50% of homes have fire resistant siding and soffets	10	
<b>UNDERSKIRTING</b>		
Greater than 75% of homes have the equivalent of fine mesh screening underneath	0	0
50 to 75% of the homes have the equivalent of fine mesh screening underneath	5	
Less than 50% of the homes have the equivalent of fine mesh screening underneath	10	
<b>TOTAL BUILDING CONSTRUCTION HAZARD RATING</b>		0
<b>ADDITIONAL HAZARD FACTORS</b>		
<b>FIRE CONTROL WATER SUPPLY</b>		<b>Rating</b>
Pressurized hydrants with minimum 500 gpm < 1,000 ft apart	0	0
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 miles of the community	15	
<b>UTILITIES</b>		
Both underground	0	
One underground, one above ground	3	3
Both aboveground	5	
<b>SURROUNDING ENVIRONMENT</b>		
Community is not surrounded by any large natural landscape	0	
Large natural landscape adjoins one side of the community	5	
Large natural landscape adjoins two sides of the community	10	10
Large natural landscape adjoins three sides of the community	15	
Community is completely surrounded by natural landscape	20	
<b>UNDEVELOPED LOTS</b>		
Less than 10% of lots have not been developed and pose no additional wildfire hazard due to lack of maintenance	0	0
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	
<b>RISK LOCATION</b>		
Community is located within the following designated Wildland Fire Suceptibility Index according to the Southern Wildfire Risk Assessment		
Low (Class Value 1 - 2)	0	
Medium (Class Value 3 - 5)	10	10
High (Class Value 6 - 9)	20	
<b>TOTAL ADDITIONAL HAZARD FACTORS</b>		23

**OKLAHOMA FORESTRY DIVISION**  
**COMMUNITY WILDFIRE RISK AND HAZARD ASSESSMENT**

**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 Hazard 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 Hazard 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 Hazard 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 Hazard 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.