

# The Stilwell

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## Community Wildfire Protection Plan

### AN ACTION PLAN FOR WILDFIRE MITIGATION

DATE: 06/09/09

Prepared by: Stephen M Mattax, Wildland Urban Interface Specialist

Organization: End of Road Enterprises, LLC

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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 James Cullis, Mayor  
Address 503 Division Street, Stilwell, OK 74960  
Phone Number 918-696-8112  
Other Contact Information \_\_\_\_\_

Name Sheldon Miggetto, City Clerk  
Address 503 Division Street, Stilwell, OK 74960  
Phone Number 9189-696-8111  
Other Contact Information \_\_\_\_\_

Name \_\_\_\_\_  
Address \_\_\_\_\_  
Phone Number \_\_\_\_\_  
Other Contact Information \_\_\_\_\_

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

Name Kevin Struhmer, Fire Chief  
Address 503 W Division Street, Stilwell, OK 74960  
Phone Number 918-696-7412  
Other Contact Information \_\_\_\_\_

Name \_\_\_\_\_  
Address \_\_\_\_\_  
Phone Number \_\_\_\_\_  
Other Contact Information \_\_\_\_\_

Name \_\_\_\_\_  
Address \_\_\_\_\_  
Phone Number \_\_\_\_\_  
Other Contact Information \_\_\_\_\_

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

Name Jodie Walker  
Address 629 N Harriet, Sallisaw OK 74955  
Phone Number 918-775-2587  
Other Contact Information \_\_\_\_\_

Name \_\_\_\_\_  
Address \_\_\_\_\_  
Phone Number \_\_\_\_\_  
Other Contact Information \_\_\_\_\_

**Firewise Committee**

Name
Kevin Struhmer, Chair
Tilden Martin
Ray Dobbins
Billy Willis
Alex Mink
Jim Worley
James Cullins

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## 1) COMMUNITY BACKGROUND AND EXISTING SITUATION

### Community Description:

County: Adair Latitude/Longitude: 35.82 N, 94.63 W

Frontage Road: US 59 & State 51 Highways

Nearest Fire Department (name/location): Stilwell Fire Department,

Interface Areas: perimeter of City Year Established: \_\_\_\_\_

### Community Size:

Number of Lots: 2,050+ Number of Structures: 1,434

Estimated Acres: 2,050 Development Status: Completed

### 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: 1/23/2009 **Community Assessment: 8)**

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

1. Roads: several one-way-in and out, several dead end roads with limited turn around space.
2. Water Sources: pressurized hydrants distributed through-out the city
3. Primary Fuel Types: Hardwood forest with scattered pine and eastern red cedar, and tall grasses and improved pasture grasses (Bermuda grass)

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

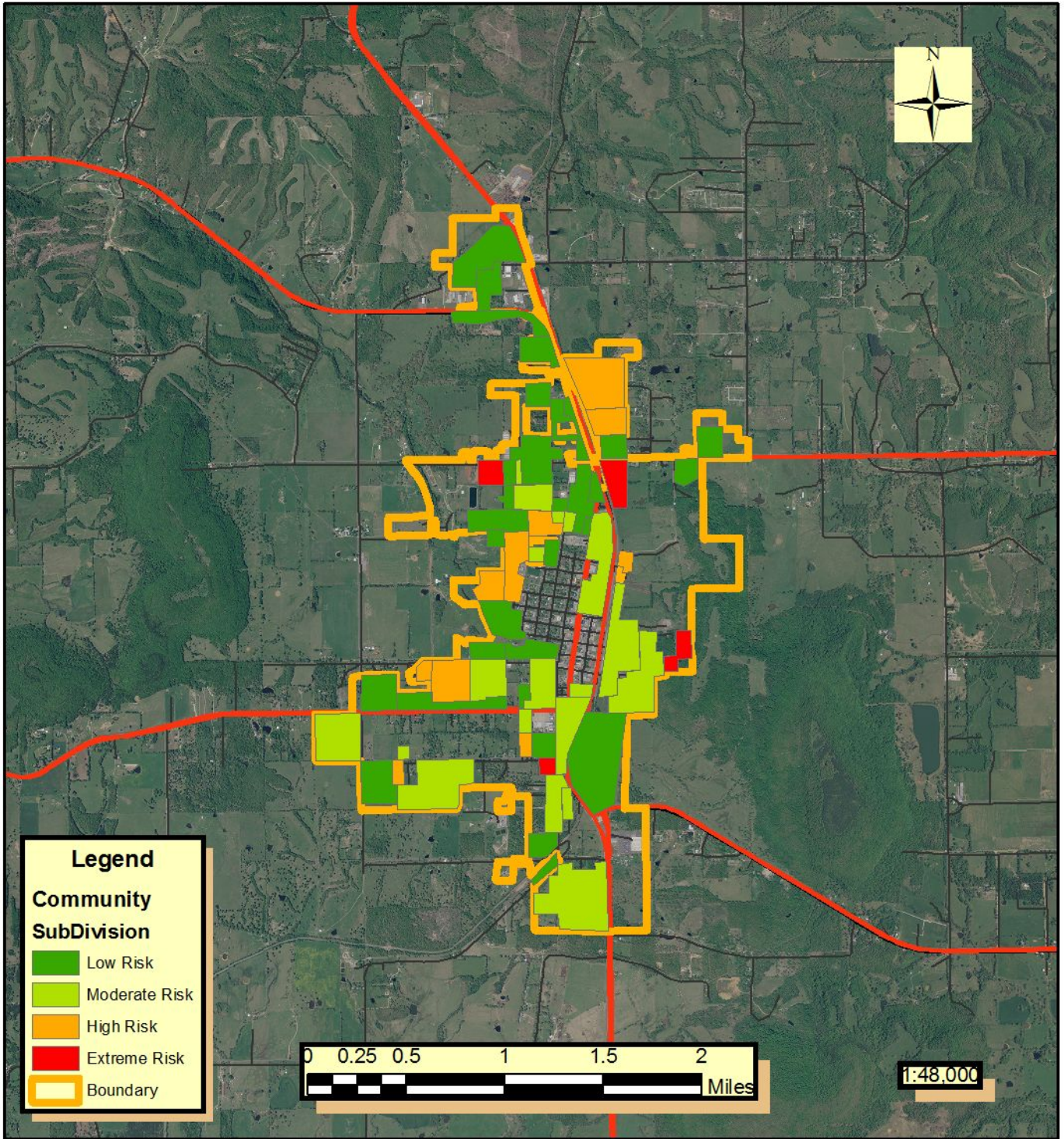
Relative Frequency: Wildfires are common in the vicinity with occasional occurrence inside Stilwell

Common Causes: Escaped debris burns and incendiary are the two most common causes

Areas of Future Concern: Wildfire entering Stilwell from the perimeter is a concern, especially on the east side of Stilwell at the base of the mountain.

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

# City of Stilwell Neighborhood Hazard Assessment



Prepared by Stephen M Mattax, CF  
Wildland Urban Interface Specialist  
End of Road Enterprises, LLC  
P.O. Box 1274  
Noble, OK 73068-1274

### 3) OBJECTIVES / GOALS

**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) PRIORTIZED MITIGATION RECOMMENDATIONS

The following recommendations were developed by the Community Firewise Working Group 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.

Examples: 1) Community Clean-up Day. Cut, prune and mow vegetation in shared community spaces. 2) Create an emergency exit. Build an unimproved road from cul-de-sac on Jasper Lane to Old Rd.

1. Debris Pick-up. City of Stilwell offers debris (limbs, leaves, other potential wildfire fuels) pick-up all year.
2. Annual Trash-off Day. Target Moderate Hazard Housing sites (Maple Ridge Addition, Sheridan Patterson Addition, Mehgan Addition and K&W Subdivision).
3. Reduce hazard of drainage ditch right-of-way. Break-up vegetation in right-of-way.

**Proposed Structural Ignitability Reduction Priorities:**

Actions to be taken by homeowners.

Example: Clean roofs and gutters.

1. Clean debris from around their property including down and pruned limbs
2. 30 feet around home lean, clean and green during periods of dormant natural vegetation

**Proposed Education and Outreach Priorities:**

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

Examples: 1) Distribute Informational packets. 2) Create a neighborhood newsletter.

1. Distribute informational packets
2. Develop newspaper articles
3. Firewise recognition

## 5) ACTION PLAN

### Funding Needs:

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

1. Newspaper articles, created by Firewise Board, no funds needed.
2. Include Firewise Brochure with utility bill, Firewise Brochures supplied by Oklahoma Forestry, no funds needed.
3. Distribute Firewise Brochures at County Fair, Firewise Brochures supplied by Oklahoma Forestry, no funds needed.
4. Trash-Off Day, City of Stilwell already picks-up debris on a weekly basis, This will educate the public of the available service and get the collection on a time frame that will make the service more efficient, no funds needed.
5. Break-up vegetation in drainage ditch right-of-way.
6. Firewise Community/USA recognition, prepare paperwork for recognition, no funds needed.

### Timetables:

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

1. Newspaper Articles,
  - a) First article by 8/1/2009
  - b) Repeat annually or more frequently
2. Firewise Brochures in utility bills,
  - a) First delivery by 8/1/2009
  - b) Deliver Firewise Brochure to new customers (new residents)
  - c) repeat each quarter
3. Firewise Brochures distributed at County Fair
4. Trash-Off Day for Maple Ridge Addition, Sheridan Patterson Addition, Mehgan Addition and K&W Subdivision completed by 8/1/2010
5. Break-up vegetation in drainage ditch right-of-way by disking and planting cool season forbs and grasses (ladino clover, fescue, annual rye). Plant in September 2009.
6. Submit Firewise Community/USA application to Oklahoma Firewise Coordinator after County Fair.

### Assessment:

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

1. How many Newspaper Articles are written and published. Observe change in homeowners keeping 30 feet around home lean, clean and green.
2. Firewise Brochures distributed with utility bill. Observe change in homeowners keeping 30 feet around home lean, clean and green.
3. Firewise booth at County Fair, Firewise Brochures distributed. Observe change in homeowners keeping 30 feet around home lean, clean and green.
4. Trash-Off Day generates a large volume of material to be removed.
5. Sections of the drainage ditch right-of-way planted to cool season plants.
6. Community recognized as Firewise Community/USA

**6) WILDFIRE PRE-SUPPRESSION PLAN**

**A. Wildfire Protection Responsibility**

Structural Protection: Stilwell Fire Department  
 Wildland Protection: Stilwell Fire Department

**B. Incident Command Post Location**

**C. Incident Staging Area Location**

Stilwell Sale Barn

**D. Medical Unit Staging Area Location**

Abandoned Food Court on North end of Stilwell

**E. Alarm Response**

**First Alarm**

Fire Department/Rescue Squad	Travel Distance	Response Time
Stilwell F.D.	1 mile	<15 minutes

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

Fire Department/Rescue Squad	Travel Distance	Response Time
Open Mutual Aid Request	~10 miles	15 minutes +/-

**F. Air Support**

**Fixed Wing**

Aircraft	Contact Name	Dispatching Guidelines
Oklahoma Forestry	Steve Couch	Call: 918-456-6139

**Helicopter**

Aircraft	Contact Name	Dispatching Guidelines
Oklahoma Forestry	Steve Couch	Call: 918-456-6139

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

Location: Throughout City Description: Pressurized Hydrants  
 Location: Caney Creek Description: Draft if Hydrants not available  
 Location: Water Tenders Description: Rural Volunteer Fire Departments have Water Tenders  
 Location: \_\_\_\_\_ Description: \_\_\_\_\_

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

Name	Phone Number	Radio Frequencies
Dispatch/Fire Departments		
Stilwell Police Department	918-696-2882	RF 159.060
Local Department of Forestry Office		
North East Area Head Quarters	918-456-6139	RF 159.390
Other		

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

**J. Resource List**

Name	Contact Information	Payment Information
Support Agencies		
Tractor Operators		
Crews		
Utilities		
Stilwell City Utilities (Electric)	918-696-2154	
NOSPFA (Natural Gas)	918-696-4177	
Windstream (Telephone)	918-696-7000	
Fuel		
Fiesta Mart	918-696-7025	FuelMan Card

Food and Supplies		
CV Grocery	Robert Crozier 918-696-3350	Can establish Account
Piggly Wiggly	Jack Hamlin 918-696-4722	Can establish Account
Lodging		
AmericInn	Marla Harmon 918-696-6789	Credit Card

**7) ADDITIONAL COMMENTS**

**8) SEE CITY OF STILWELL WILDFIRE HAZARD ASSESSMENT**