

**COUNCIL AGENDA ITEM**  
**STAFF RECOMMENDATION**

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**MEETING DATE:** August 23, 2016

**TO:** Mayor / Council and Village Manager

**FROM:** Fabian Mascarenas/Tracy Orr

**SUBJECT:** Approve Final Community Wildfire Protection Plan update

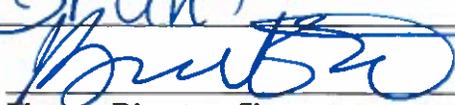
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**Background/Facts** : The Village of Angel Fire received a grant in June 2016 for \$15,000 to update our Community Wildfire Protection Plan. We hired Forest Stewards Guild out of Albuquerque to update the plan. The CWPP has now been updated and we will begin implementing aspects of the plan.

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**Financial Impact:** Yes  
**Budgeted Item:** X\_\_yes \_\_\_no  
**Funding Source:** General Fund

**Finance Department Comments and Review:**

Grant  
  
Finance Directors Signature

1) **Attached Documents:** Community Wildfire Protection Plan Update

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**Staff's Recommended Motion:** Motion and Second to approve the Community Wildfire Protection Plan update.

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2) **Village Manager's Recommendation:**

**Approval:**  **Disapproval:**  **other:**

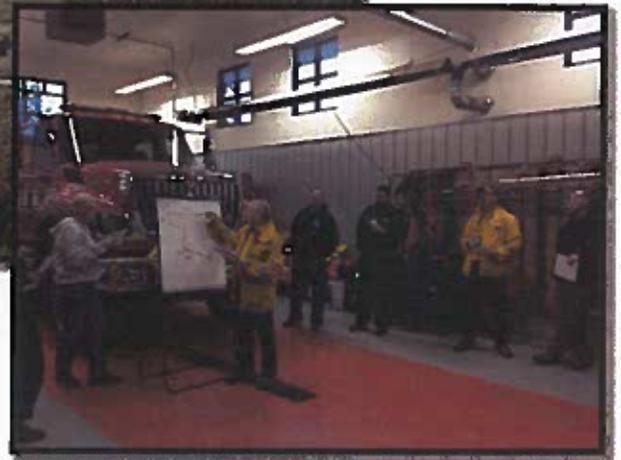
**Manager's Comments:**

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**Signature:** 

# Village of Angel Fire Community Wildfire Protection Plan 2016 Update



**Village of Angel Fire Community Wildfire Protection Plan: 2016 Update**

**Prepared for**  
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Village of Angel Fire  
Community Wildfire Protection Plan Update

We the undersigned approve the Village of Angel Fire Community Wildfire Protection Plan

Organization: Village of Angel Fire

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name and Title: Ms. Barbara Cottom, Mayor

Organization: Village of Angel Fire Fire Department

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name and Title: Mr. Andrew Bertges, Fire Chief

Organization: New Mexico Energy, Minerals and Natural Resources Department, Forestry  
Division

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name and Title: Mr. Ernie Lopez, Cimarron District Forester

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## **Executive summary**

The *Village of Angel Fire Community Wildfire Protection Plan: 2016 Update* identifies progress made towards wildfire risk reduction goals identified in the 2009 Community Wildfire Protection Plan (CWPP), changes in community hazard ratings and priority rankings, and new priority action items for making the Village of Angel Fire (Village) a more fire adapted community. The 2016 CWPP update was developed in collaboration with members of the CWPP core team, which included Village officials, adjacent land management agencies, New Mexico State Forestry, Village residents, and other stakeholders. The Village contracted with the Forest Stewards Guild, a non-profit organization based in Santa Fe, New Mexico to lead the 2016 CWPP update.

Since 2009, the Village has made significant progress towards making the community more fire adapted. Notable accomplishments include but are not limited to:

- The creation of a Village Wildfire Protection Committee, now referred to as the Firewise Committee reflecting a change in priorities to attain a Firewise designation for the Village.
- Defensible space thinning on private lots throughout the village funded by various grants awarded to the Village.
- The Village of Angel Fire Fire Department reduced their ISO rating from 7 to 5.
- The Village supported several fuels reduction projects on adjacent public lands including prescribed burns on nearby State Trust Land in 2013 and 2014.
- 144 acres of fuels reduction thinning along roadways within the Village.
- Increased capacity to dispose of green waste generated from defensible space and fuels reduction projects.

Many of the priority action items identified in the 2009 CWPP are ongoing and therefore still relevant for the 2016 CWPP update. For example, educating residents about forest health and fire prevention is a process that will continue to evolve as new residents arrive and methods of outreach change. New priority action items identified by the CWPP core team, residents, and other stakeholders include but are not limited to:

- Pursue Firewise designation for the Village of Angel Fire.
- Establish an association of neighborhoods for the Village of Angel Fire.
- Engage with neighborhood representatives on wildfire preparedness and fuels reduction projects.
- Conduct a lot-by-lot assessment of wildfire hazard within the Village.
- Work with neighborhood representatives to develop action items and priority treatments on the neighborhood level scale.
- Conduct an evacuation drill within the village.
- Work with neighboring communities (Black Lake, Guadalupita, etc.) to utilize green waste generated from fuels reduction projects, e.g. fire wood, wood chips, etc. at little or no cost to interested participants.



## **Introduction**

In accordance with the Healthy Forests Restoration Act (HFRA) of 2003, the Village of Angel Fire (Village) completed a Community Wildfire Protection Plan (CWPP) in 2009. The 2009 CWPP addressed the three core requirements identified in the HFRA, 1) identifying and prioritizing fuels reduction opportunities across the landscape, 2) addressing structure ignitability, and 3) collaborating with stakeholders. The New Mexico Fire Planning Task Force recommends that CWPPs be updated every five years in order to assess new hazards and monitor progress made since the last CWPP update. Building community resilience to wildfire requires an adaptive approach that uses the lessons of the past to inform future management. In 2015, the Village was awarded a wildfire risk reduction grant from the New Mexico Association of Counties to fund the 2016 update. The Village contracted the Forest Stewards Guild, a non-profit organization based in Santa Fe, New Mexico to lead the update.

In 2015, the New Mexico Association of Counties (NMAC), in collaboration with the Forest Stewards Guild, developed guidelines for updating CWPPs. The guidelines outline the process for updating existing CWPPs as follows:

1. Review existing CWPP.
2. Host collaborative meetings.
3. Update maps.
4. Reflect changes in risk ratings due to complete projects or changes in landscape.
5. Develop updated priorities.
6. Distribute CWPP update drafts to key stakeholders (including local, state, tribal, and federal partners) for review and input before the final approval.
7. Submit the final document to your local government body, local fire department(s) and State Forestry for required signatures and endorsement.
8. Once signed and endorsed by your local governing parties, submit all documentation to NM State Forestry no later than September 1<sup>st</sup> for final approval by the New Mexico Fire Planning Task Force.

The 2015 CWPP update guidelines also recommend that updates include sections on planning for wildfire preparedness (during a wildfire) and post-fire recovery. Post-fire effects, such as flooding and erosion, can often be as bad or worse than the damage sustained during the fire itself. By planning ahead of time, communities can expedite the restoration process and take an active rather than reactionary role in post-fire recovery.

In addition the items listed above, CWPPs and updates must also include the following elements:

1. **Collaboration:** A CWPP must be collaboratively developed by local and state government representatives, in consultation with federal agencies and other interested parties
2. **Prioritized fuel reduction:** A CWPP must identify and prioritize areas for hazardous fuel reduction treatments and recommend the types and methods of treatment that will protect one or more at-risk communities and essential infrastructure.
3. **Reduce structural ignitability:** A CWPP must recommend measures that homeowners and communities can take to reduce the ignitability of structures throughout the area addressed by the plan
4. **Secure signatures:**
  - a. The applicable local government (i.e., counties or cities);
  - b. The local fire department(s); and
  - c. The state entity responsible for forest management.



This update is divided into six sections that build on the 2009 CWPP. Section one provides an overview of accomplishments and progress made since the 2009 CWPP. Section two updates community hazard ratings based on changes that have or have not occurred in communities at risk. Section three identifies priority action items recommended by community members and village officials that will help make the Village of Angel Fire a more fire adapted community. Section four makes recommendations for ways to improve preparedness during a wildfire event. Section five outlines key elements necessary for planning for post-fire recovery proactively, rather than after a wildfire occurs. Section six summarizes the collaborative process that guided this document.

## **1| Accomplishments since 2009 CWPP**

The Village of Angel Fire and adjacent land jurisdictions have made significant progress on many of the action items identified in the 2009 CWPP. This section will provide an overview of progress made towards each action item focus area identified in the 2009 CWPP. There are four focus areas (Public Information and Involvement, Reducing Structure Ignitability, Fuels Treatment, and Evacuation Planning), which are underlined headings below. Action items for each focus area are listed in italics.

### Public Information and Involvement

- 1. Educate homeowners and potential contractors (home-building, forest thinning, etc.) about forest health and fire prevention.*
- 2. Coordinate with community groups and area Firewise organizations to promote fire prevention, fuels treatment and defensible space.*
- 3. Create a group to develop fire prevention and hazard reduction messages and methods to promote community awareness and minimize the effects of a wildfire on the economy and environment.*
- 4. Conduct fire prevention campaigns during times when fire danger is high. Use newspapers, radio messages and signs to alert visitors and residents alike.*

Several efforts have been successful in educating homeowners and other stakeholders about forest health and fire prevention in the Village. Prominent examples include:

- The appointment of a Wildfire Protection Committee in 2014. More information about the Wildfire Protection Committee is included in number 3 of this section.
- Public meetings ahead of and after the 2013 and 2014 Black Lake Prescribed fires, which were implemented six miles south of the Village on State Trust land. Residents had an opportunity to voice their concerns regarding the use of prescribed fire near their community. Residents also learned about how prescribed fire is used as a restoration and risk reduction tool to protect communities.
- Association of Angel Fire Property Owners meetings covered such topics as defensible space treatments and fuels reduction treatments in Village greenways.
- During fire season, the Village's marquee is used to alert residents of fire danger during fire season.



- Agreement reached with the Sangre de Cristo Chronicle for newspaper spot with public announcements.

The Colfax County Coalition of Firewise Communities (CCCFC) has been active in educating area residents about ways to reduce the risk of wildfire to their homes and communities. Members of the CCCFC were active participants in the core team for the 2016 Angel Fire CWPP update. Scott Jones, president of the CCCFC is also a member of the Village of Angel Fire Wildfire Committee (<http://www.angelfirenm.gov/departments/page/44/Wildfire-Protection-Committee/>). To date, there are 9 Firewise communities in Colfax County, which are listed below:

- Taos Pines Ranch
- Hidden Lake
- Elk Ridge
- Aspen Hill
- \*Lakeview Pines
- Ute Park
- Idlewild
- Green Valley
- Vermejo Park

*\*Firewise designation achieved since 2009*

In addition to the communities listed above, CCCFC also has working relationships with Cimarron, the Philmont Scout Ranch, and the Taos Ski Valley. Cimarron's certification as a Firewise community is currently in progress. While they were previously recognized as Firewise, their certification lapsed and so they have begun the process to regain their status.

CCCFC has been instrumental in addressing one of the primary challenges related to fuels reduction and defensible space treatments: slash disposal. CCCFC coordinates chipper days throughout the year to help communities dispose of slash from fuels reduction treatments. CCCFC works with partner Firewise communities to coordinate their chipper days, including working with the Larry Osborn, the Colfax County Fire Marshal, to loan out the county chipper. Few communities have access to their own chipper so this coordination and sharing of resources sets an excellent example for other communities looking to dispose of slash.

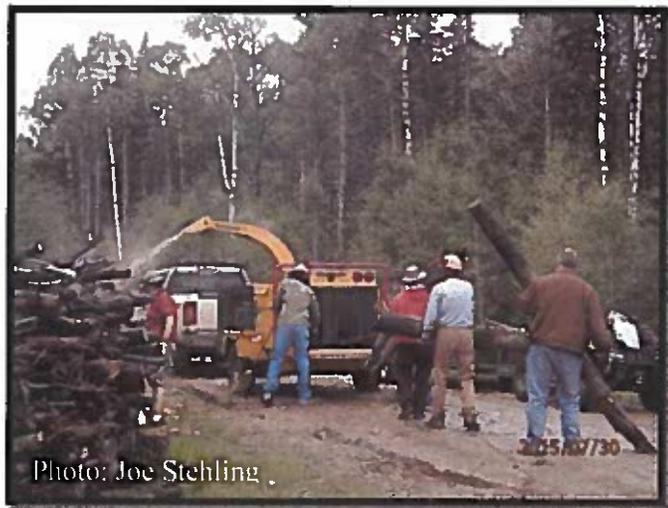


Photo: Joe Stehling

Image 1 Hidden Lake Firewise Community chipper day

The community of Hidden Lake has plans to purchase an air curtain burner through a grant from the New Mexico Association of Counties, which will provide another method for slash disposal. Hidden Lake has agreed to loan the air curtain burner to other Firewise Communities for a small fee that will offset the costs of maintenance and transportation.



CCCFC has also worked to educate local residents on how to be better prepared in the event of a wildfire. CCCFC has coordinated “train the trainer” workshops on the Ready, Set, Go! Program (<http://www.wildlandfirersg.org/>). In May 2015, CCCFC posted an informational video on Youtube titled “Saving the Mountain, Saving Your Home” (<https://www.youtube.com/watch?v=SI8jvrPayT8>). The video provides an overview of why forests in the Southwest are in need of restoration, steps homeowners can take to reduce the risk of wildfire by implementing defensible space treatments, and the Ready, Set, Go! Program.

In July, 2014 Village Mayor Barbara Cottam and the Village Council appointed a Wildfire Protection Committee. The Committee was established to assist the Mayor, Council, and Staff to:

1. Develop policy and ordinances for wildfire protection
2. Develop implementation plans for the Wildfire Protection Program
3. Provide education and outreach for the Wildfire Protection Program

The committee meets regularly on the second Monday of the month at 1:00pm at Angel Fire Village Hall. Since 2009, the committee has changed its name to the Village Firewise Committee to reflect the goal of attaining Firewise designation for the Village. The Committee has made progress towards their goals in several ways. In the summer of 2014 and 2015, the Committee hosted open houses for residents to learn about the Village’s wildfire protection program. Attendees had an opportunity to ask questions of Village officials and other experts about steps they could take to reduce their risk. Each open house had about sixty attendees. The Firewise Committee has also been featured in articles written in the Sangre de Cristo Chronicle about wildfire preparedness, met with community leaders from the Rotary Club and Chamber of Commerce, and with local realtors who are in a unique position to educate potential homebuyers about the risks associated with living in a fire adapted ecosystem.

Several groups including the Angel Fire Fire Department, the Firewise Committee, and the CCCFC conduct outreach campaigns to alert residents during high fire danger times. The Angel Fire Fire Department (<https://www.facebook.com/groups/380148192364/>) and the CCCFC (<https://www.facebook.com/CCCFWC/?ref=ts>) both maintain Facebook pages to share information about wildfire preparedness and important details about ongoing wildfire events. The Firewise Committee has several resources available on their webpage, <http://www.angelfirenm.gov/departments/page/44/Wildfire-Protection-Committee/>.

#### Reducing Structure Ignitability

1. *Expand the current Wildland Urban Interface provisions to existing structures. Develop construction standards to reduce the vulnerability of wooden decks, especially on slopes. Implement the provisions in the highest hazard and risk areas first. Thin vacant lots adjacent to existing structures where needed to provide adequate defensible space.*
2. *Pursue state and federal grants that can support defensible space projects on both public and private lands. Landowners and local government can provide cost share support.*
3. *Expand the slash disposal service to encourage homeowners to reduce wildland fuels on undeveloped lots and to install and maintain defensible space around structures. Implement incentives for slash fees to support thinning.*

In 2010, the Village Wildland Urban Interface (WUI) ordinance was updated to apply fuels reduction and defensible space provisions to existing structures as well as new construction. Since 2009, the Village has updated the building codes to conform to the International Fire Code.



Further updates to the ordinance were proposed in 2014, which included provisions for thinning around driveways, pruning heights, and thinning vacant lots adjacent to existing homes. Many community members in the Village rejected the 2014 update and as a result it has not been approved. Public sentiment against the WUI ordinance, as well as challenges with managing slash that would be generated from implementing it has resulted in the ordinance not being enforced.

The Village has received several grants aimed at reducing hazardous fuels around homes, along roadways, and in greenways. In 2010, the Village received a Wildland Urban Interface and Hazardous Fuels Reduction grant from the New Mexico State Forestry division to create defensible space around homes and to thin along roadways. A forester was contracted to educate homeowners and to provide assistance to the thinning contractor used for the project. Many residents took part in the cost-share program. The Village also received funding from the American Recovery and Reinvestment Act for thinning of hazardous fuels. New Mexico State Forestry also funded thinning near the boundaries of the Zia/Osha fire. The Village has also established a register of thinning contractors who have successfully implemented projects and can certify appropriate liability and workman's compensation insurance.

The Village has a slash removal program to help landowners dispose of slash from thinning projects. The program is funded by the wildfire protection fund, which assesses a fee from resident utility bills. Since 2009, the Village has purchased a grapple truck to help with the removal of larger material and has ordered a second grapple truck. In 2014, the Village received funding from a Collaborative Forest Restoration Program grant to purchase a cordwood boiler that uses woody debris to heat the transfer station.

The Village owns an air curtain burner, but refinements in the permitting process are still needed to take full advantage of this technology for green waste disposal. The air curtain burner was purchased in 2003 in part with funds from a grant from New Mexico State Forestry.



**Image 2** Participants at a 2014 New Mexico Wildland Urban Interface Summit watch a demonstration of the Village's air curtain burner



**Image 3** Cordwood boiler installed outside of transfer station

## Fuels Treatment

1. *Expand the current Wildland Urban Interface provisions to existing undeveloped lots. Treat the highest hazard and risk areas first. Consider requirements that emphasize thinning along roadways and property lines and might not require thinning entire lots.*
2. *Conduct fuels reduction projects within or adjacent to the Village of Angel Fire based on the community hazard rating and fire behavior analysis sections of this plan.*
3. *Pursue state and federal grants that can support fuels reduction projects on both public and private lands within the Village. Landowners and local government can provide cost share support.*
4. *Work with the Association of Angel Fire Property Owners (AAFPO) Amenities Committee to conduct demonstration fuels reduction projects on the open space “green belt” trails throughout the Village that they maintain.*
5. *Continue to participate in the Taos Canyon Collaborative Forest Restoration Program (CFRP) Coalition as described in its Memorandum of Understanding between Taos Pueblo, the Village of Angel Fire, Rocky Mountain Youth Corps, National Renewable Energy LLC, H.R. Vigil Small products, Urban Interface Solutions, and Amigos del Bosque, LLC.*
6. *Actively participate in the planning, evaluation and monitoring of all federal, state, tribal and CFRP fuels treatment projects to assure agencies are working together to conduct high priority projects that are effective and benefit the Village.*
7. *Consider supporting the USDA-Forest Service, Carson National Forest prescribed burn and wildfire use programs, provided that community concerns for safety and smoke management are understood and followed.*
8. *Encourage the New Mexico Department of Game and Fish (NMDGF) to participate in the Angel Fire Community Wildfire Protection Plan implementation to provide a wildlife management perspective.*

As previously discussed, while updates to the WUI ordinance were approved in 2010 and proposed in 2014, challenges remain to address challenges related to slash management and public approval of the ordinance before enforcement is fully implemented.

Map 1 and map 2 show fuels reduction treatments that have occurred in and around the village since 2009. Defensible space treatments have been implemented by many landowners through a cost-share grant program the Village received from New Mexico State Forestry. Table 1 in section 2 of this document provides a brief overview of treatments that have occurred in each of the communities within the Village.

With funding from New Mexico State Forestry, thinning in the Village greenbelts has been completed and is depicted as NMSF fire treatments in map 1. However, maintenance thinning is needed in the future as vegetation regrows.

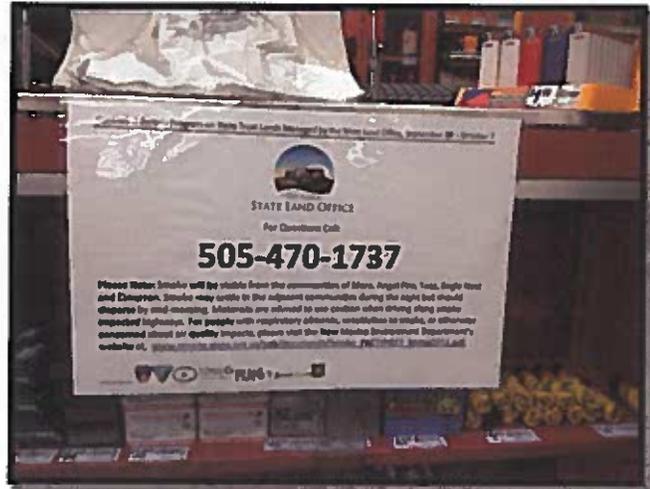
The Village has supported several forest restoration projects on State Trust and Forest Service land that have reduced the risk of wildfire for the Village. These include several Collaborative Forest Restoration Program (CFRP) Projects near Black Lake and New Mexico State Forestry



funded projects. Map 2 contains a map of nearby forest restoration treatments that have reduced the threat of wildfire to the Village.

The Village worked successfully with the New Mexico State Land Office, the Forest Stewards Guild (Guild), The Nature Conservancy and other partners to implement prescribed burns in 2013 and 2014 near Black Lake on State Trust lands. Both prescribed burns were funded by a CFRP grant awarded to the Guild. There were pre and post burn public meetings where residents shared their concerns, which included smoke impacts, and learned about using fire as a forest restoration tool.

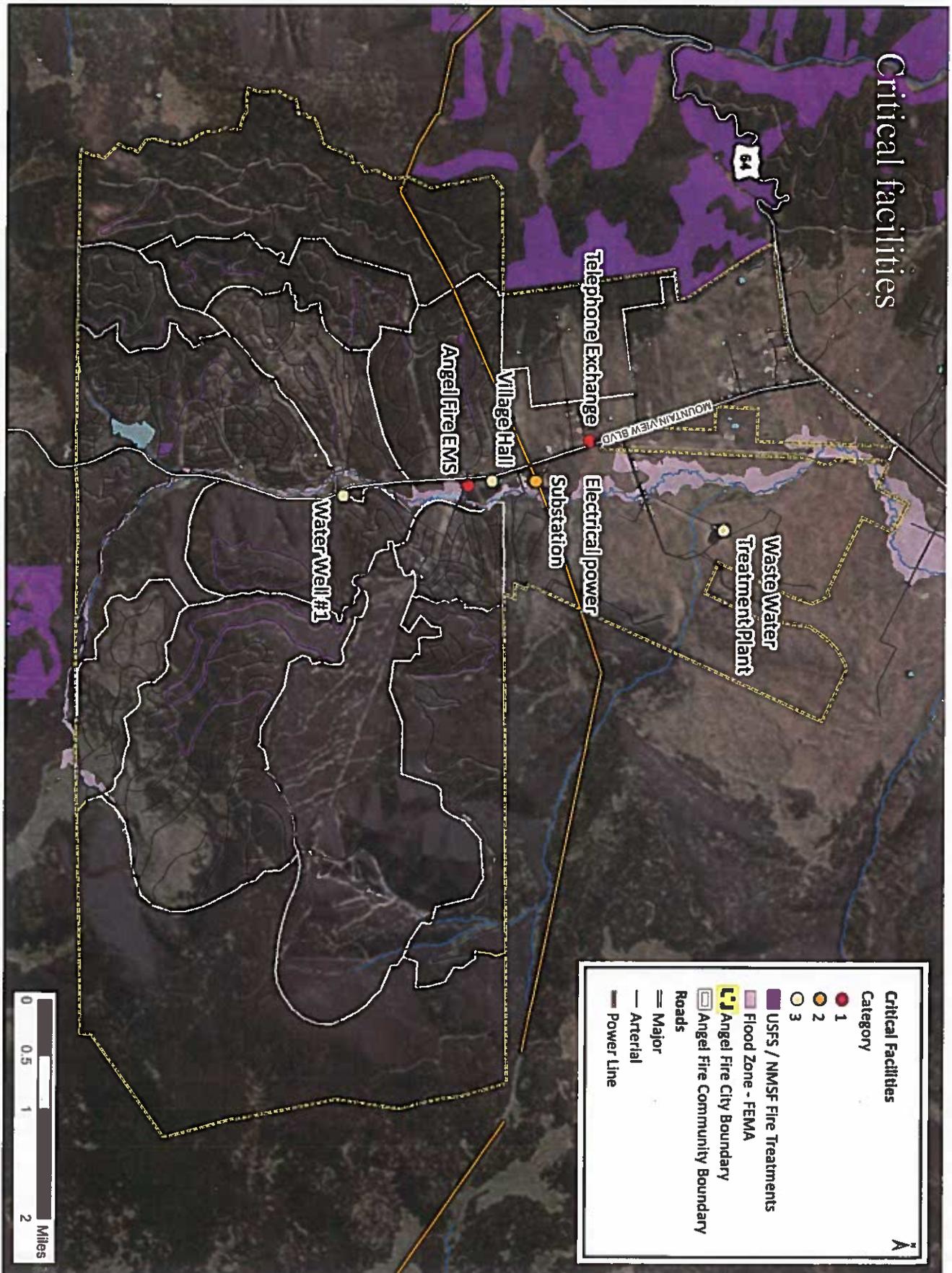
The Guild implemented several lessons learned from 2013 to alleviate resident concerns and improve communication. In 2014, the Guild utilized social media to share information about the burn more frequently and sent out a daily email summary to keep residents informed about burn operations. In 2014, the Guild and local partners went door-to-door to businesses in town to answer questions residents might have and to share information about burn operations.



**Image 1 A public notice about the 2014 Black Lake Prescribed burn at Lowes grocery store in Angel Fire.**



Map 1 Critical facilities and fuels reduction treatments





### Evacuation Planning

1. *Establish signs identifying evacuation routes. Routes could be color coded to simplify instructions to the public.*
2. *Thin vegetation along roadways and at intersections where possible to create the greatest potential for visibility during a wildfire. Refer to the fuels treatment section of this Plan for more information.*
3. *Advise the public about evacuation routes and the pre-identified safety zones at the airport, community center and golf course.*
4. *Use radio stations to disseminate emergency information and advise the public of their importance as a primary source of information.*
5. *Ensure that area radio stations are aware of their importance as disseminators of emergency messages, and regularly review and update procedures for authorizing such messages.*
6. *Investigate the potential use of warning systems such as emergency sirens, mass notification systems (such as "Reverse 911), helicopter-mounted public address systems, etc.*
7. *Involve the Village Police Department, Colfax County Sherriff's Department, State Police, and other cooperators in reviewing current Emergency Operating Plans and conducting field exercises.*
8. *Create handouts or messages advising the public about how to prepare for an evacuation. Consider emphasizing that when getting ready to evacuate, people should remember the "5 P"s: Pictures, Pets, Papers, Pills and Phones."*

The fuels treatment section of this document provides an overview of fuels reduction grants the Village has received since 2009. In total, 144 acres have been thinned since 2009 along Village roadways, improving ingress and egress for emergency vehicles and residents. Roadways that have been thinned include: Agua Fria Circle, Agua Fria Drive, Back Basin Road, Buming Sky Drive, El Camino Real, Panorama Overlook, Panorama Way, Peralta Circle, Peralta Drive, Royal Avenue, Santo Domino Trail, South Vail Overlook, Spyglass Hill Road, Taos Drive, Trevino Circle, Vail Avenue North, Vail Avenue South, Vail Overlook, Valle Grande Trail North, Via del Rey, and Zia Road.

In the event of an emergency such as a wildfire, the Village has signage that can be used to guide residents during an evacuation. To clarify the evacuation procedure for residents and to provide a single meeting place, safety zones identified in 2009 have been replaced with a single evacuation staging area for the 2016 CWPP update. In the event of an evacuation, residents will be directed to the area behind Village hall and fire station #1. Map 5 shows the location of the evacuation staging area and more information is included in the Wildfire preparedness section. The Village has a draft evacuation plan in development that will provide greater detail about evacuation procedures. Colfax County has an emergency notification system (reverse 911) that Village residents can use to receive notifications. To sign up for this program, residents can go to this website, <https://public.coderedweb.com/cne/en-US/6AF053DCB942> and enter their contact information.



Area Firewise communities, such as Taos Pines Ranch, have several resources available on their websites related to wildfire preparedness. The Village Wildfire Committee also has resources available for residents on their webpage <http://www.angelfirenm.gov/departments/page/44/Wildfire-Protection-Committee/>.

Fire Department Capacity [The items noted here are specific to wildland fire needs.]

1. *Improve the fire department's Insurance Services Organization (ISO) rating. Improved firefighter response, fire equipment such as a ladder truck, additional fire stations and additional water delivery and storage capacity should improve the fire department's Insurance Services Organization (ISO) rating. An improved ISO rating will increase annual fire department funding and reduce homeowner insurance rates.*
2. *Establish a position knowledgeable in forestry or natural resources to implement and enforce WUI ordinances, obtain and manage WUI and hazardous fuels reduction grants, coordinate fire prevention activities and public involvement such as the Firewise communities program, and coordinate cooperator actions (including Forest Service, NM State Land Office, Taos Pueblo, and local Colfax County groups).*
3. *Encourage the cross-training of area fire departments, local government officials and state and federal agencies using the Incident Command System (ICS) to manage an emergency incident.*
4. *Maintain the Enchanted Circle annual operating plan to coordinate area wildfire management. An annual operating plan has been prepared cooperatively with local, state, and federal government agencies.*
5. *Participate in interagency fire incidents to increase experience. Continue to participate in the New Mexico Resource Mobilization Plan to gain experience conducting wildfire suppression in wildland urban interface communities.*
6. *Conduct local, effective, and certified wildland fire trainings. Maintain wildland firefighter qualifications.*
7. *Consider developing a regional training center. Reach out to regional cooperators such as the Enchanted Circle, Raton Fire Department and Colfax and San Miguel County Fire Departments.*
8. *Continue to improve water storage and delivery systems. Complete development of one million gallon storage tank and connect the new storage into the existing water delivery system. Study how power outages or other problems during a wildland fire would affect water delivery.*

The Angel Fire Fire Department has increased its capacity in several ways since 2009, resulting in a reduced Insurance Services Office (ISO) rating from 7 to 5, which, in turn, can significantly reduce insurance rates for residents. Accomplishments include the completion of the new Fire Station number 2, and equipment purchases of a platform truck and Type 3 wildland urban interface engine. Village fire fighters have also gained experience on many wildfires including the White, Los Conchas, Wallow Canyon, Mayhill, Little Bear, Whitewater Baldy, Whites Peak,



and the Chalen Complex. Village fire fighters also participated in the 2013 and 2014 Black Lake prescribed fires.

During the White Peaks Fire near Ocate, the Village Fire Department and other area fire department including the Moreno Valley Fire Department worked together with the Colfax County Sherriff's office to alert residents of the possibility that they might need to evacuate. The wildfire provided a unique opportunity for area fire and emergency managers to train for an evacuation event during an ongoing incident.

As part of ongoing training efforts, Village fire fighters and members of the community participated in a training led by Krys Nystrom of the Wildfire Network, ([www.wildfirenetwork.org](http://www.wildfirenetwork.org)) on Assessing Wildland Fire Risk in the Wildland Urban Interface in July 2016. The training included methods for assessing lot-by-lot risk, which will help Village firefighters and their community partners address action items identified in section 3 of this document. The training focused largely on assessing the risk of individual home sites, evaluating such site and construction features as driveway length, roof material, detached structures, and topography. Home assessments educate both fire fighters and homeowners about wildfire risk and mitigation steps homeowners can take that are easy to implement and do not involve cutting any trees. For example, moving woodpiles out from under a deck or keeping pine needles from accumulating on roof tops.

**Image 5 Wood piles near propane tanks and other structures increases fire risk**



**Image 4 Krys Nystrom of Wildfire Network leads a homesite assessment training for the Village**



## 2| Community hazard ratings and priority rankings

Community hazard ratings for the 2016 CWPP update were re-assessed in collaboration with members of the CWPP core team and through input from members of the public. The 2009 community hazard ratings (CHR) were developed using the Wildfire Hazard Rating System model, which “combines physical infrastructure such as structure density and roads, and fire behavior components like fuels and topography, with the field experience and knowledge of wildland fire experts” (Angel Fire CWPP, 2009). In order to conform to New Mexico State Forestry’s statewide CHR system, CHR for the Village of Angel Fire of High, Medium, and Low were used in place of the 2009 ratings of Extreme, Very High, High, Moderate, and Low. It



should be noted that this change in rating does not necessarily reflect improvement or a reduction in risk.

Many of the factors that went into the 2009 CHR are relatively static and not subject to change such as topography. The reassessment for the 2016 update focused on dynamic factors of the CHR including fuels, community involvement, and road improvements to determine whether the improvement or degradation of any of these factors warrants a change to the CHR. Core team members and members of the public provided input and comment on the updated 2016 CHR. Core team members were asked the following questions related to CHR for each community in the Village of Angel Fire:

1. Have any access roads been added or taken away from the community?
2. Have there been any positive or negative changes to road conditions?
3. Have there been any fuels reduction projects in the community?
  - a. Are they older than 10 years?
  - b. Defensible space zone 1 treatments?
  - c. Fuel break?
  - d. Open space thinning?
4. Have there been any changes to community involvement, such as the creation or dissolution of a firewise community?

Priority rankings help to guide fuels reduction and other efforts to reduce the risk of wildfire faced by each community in the Village of Angel Fire. While reducing wildfire risk is important in all communities within the Village, residents and Village officials may find it helpful to have guidance for where to focus their efforts using limited resources. After discussion with core team members and members of the public, priority rankings for communities largely remained the same with two exceptions. First, due to a greater amount of fuels reduction projects in the Vail Loop neighborhood, it was reduced to the second priority ranking. Second, taking into consideration factors including a high concentration of wooden structures, and the presence of youth during fire season, the Girl Scout priority ranking was increased to number 8. Table 1 displays the priority rankings and CHR for 2009 and 2016 and also includes notes on progress made since 2009. Map 3 shows each of the communities with their associated CHR.

**Table 1 Community hazard ratings and priority rankings**

Community Name	2009 Priority Ranking	2016 Priority Ranking	2009 Hazard Rating	2016 Hazard Rating	Changes since 2009
Back Basin	2	1	Very High	High	<ul style="list-style-type: none"> <li>• Public Improvement District added some new roads. Existing roads have experienced some deterioration.</li> <li>• Some defensible space zone 1 treatments and open space thinning.</li> </ul>
Vail Loop	1	2	Very High	High	<ul style="list-style-type: none"> <li>• Some defensible space zone 1 treatments.</li> <li>• Thinning on major egress from community.</li> <li>• Increased community involvement, informal Firewise group established.</li> </ul>



El Camino Real	3	3	Very High	High	<ul style="list-style-type: none"> <li>• Some defensible space zone 1 treatments.</li> <li>• Increased community involvement.</li> <li>• Some thinning along roadways.</li> </ul>
Taos Drive	4	4	High	High	<ul style="list-style-type: none"> <li>• Some defensible space zone 1 treatments.</li> <li>• Thinning around primary egress routes.</li> <li>• Increased community involvement.</li> </ul>
South Village	5	5	High	High	<ul style="list-style-type: none"> <li>• Some defensible space zone 1 treatments.</li> </ul>
Valle Grande North	7	6	High	High	<ul style="list-style-type: none"> <li>• Some open space thinning.</li> <li>• Road conditions have deteriorated as they have been converted back to gravel.</li> <li>• Increased community involvement.</li> </ul>
South East Village	6	7	High	High	<ul style="list-style-type: none"> <li>• Improved access with the Valley of the Utes development.</li> <li>• Some defensible space zone 1 treatments.</li> </ul>
Girl Scout Camp	13	8	Moderate	Medium	<ul style="list-style-type: none"> <li>• Forest service side of girl scout camp, thinning, piles etc. Some thinning on Girl Scout camp property. Priority ranking raised due to presence of youth during fire season, density of wooden structures, and potential ignition sources (campfires).</li> </ul>
The Aspens	8	9	Moderate	Medium	<ul style="list-style-type: none"> <li>• Some thinning on private land (3-8 acres).</li> <li>• New road created through Public Improvement District.</li> </ul>
North Via del Rey	9	10	Moderate	Medium	<ul style="list-style-type: none"> <li>• Some defensible space zone 1 treatments.</li> <li>• Increased community involvement.</li> </ul>
Country Club	10	11	Moderate	Medium	<ul style="list-style-type: none"> <li>• Some thinning on individual lots.</li> <li>• Increased community involvement.</li> </ul>
The Chalet	11	12	Moderate	Medium	<ul style="list-style-type: none"> <li>• Some defensible space zone 1 treatments.</li> </ul>
Valley of the Utes	12	13	Moderate	Medium	<ul style="list-style-type: none"> <li>• Some defensible space zone 1 treatments.</li> <li>• Some new roads improve access.</li> </ul>





**Areas of special interest**

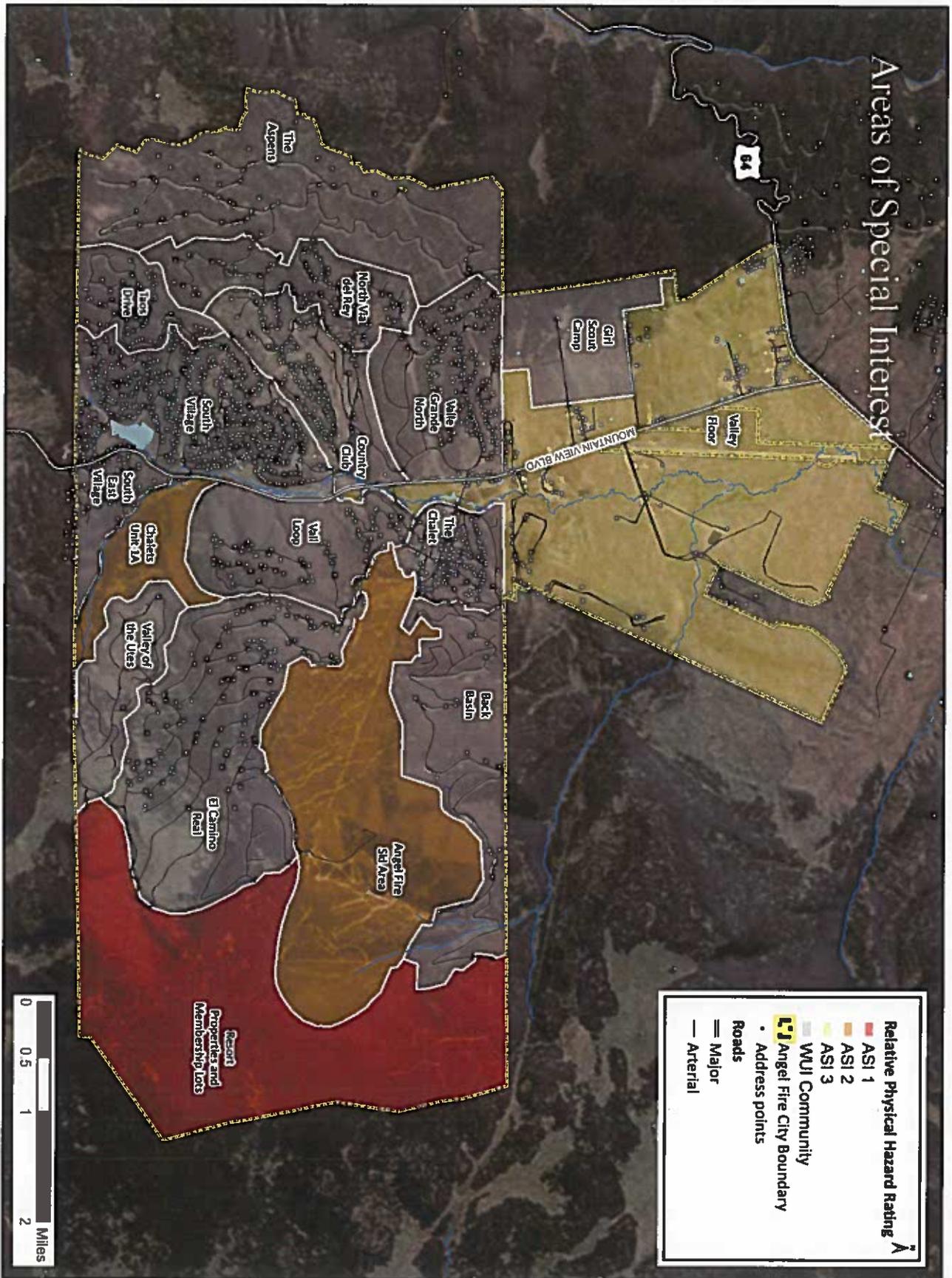
The 2009 Angel Fire CWPP (2009) also identified four special interest areas and assigned each of them a relative physical hazard rating (Angel Fire CWPP, 2009), which are different from community hazard ratings. The relative physical hazard rating (RPH) has three categories; low, moderate, and high. RPH combines the mean fireline intensity and “other fire behavior indicators such as rate of spread, flame length, and heat per unit area” and models (Angel Fire CWPP, 2009). Table 2 below lists each of the areas of special interest and their associated relative physical hazard rating. To date, no fuels reduction treatments have been conducted in any of the special interest areas since 2009. As such, the 2009 ratings remain the same. Map 4 shows the areas of special interest and their RPH.

**Table 2 Areas of special interest relative physical hazard ratings and priority rankings**

Areas of Special interest	Priority ranking 2009	Priority ranking 2016	Relative physical hazard rating (2009)	Relative physical hazard rating (2016)
Angel Fire Ski Area	1	1	2	2
Chalets Unit 1A	2	2	2	2
Resort Properties and Membership Lots	3	3	1	1
Valley Floor	4	4	3	3



Map 4 Areas of special interest



### 3) Priorities for 2016 and beyond

#### Fire adapted communities and Firewise communities

The National Cohesive Wildland Fire Management Strategy, a “strategic push to work collaboratively among all stakeholders and across all landscapes” developed in 2014 lists creating fire adapted communities as one of three primary goals along with resilient landscapes, and safe and effective wildfire response. Fire adapted communities (FAC) is a conceptual framework for engaging community stakeholders at various scales from the individual homeowner to businesses to reduce wildfire risk. FAC concepts are useful for helping communities reframe how they think about wildfire. In the West, wildfire is a natural – and ecologically necessary – component of fire adapted ecosystems. Acknowledging this fact is an important component to becoming a more fire adapted community and a good starting point for education and outreach to community members. Figures 1 and 2 outline the various elements that make a community fire adapted.

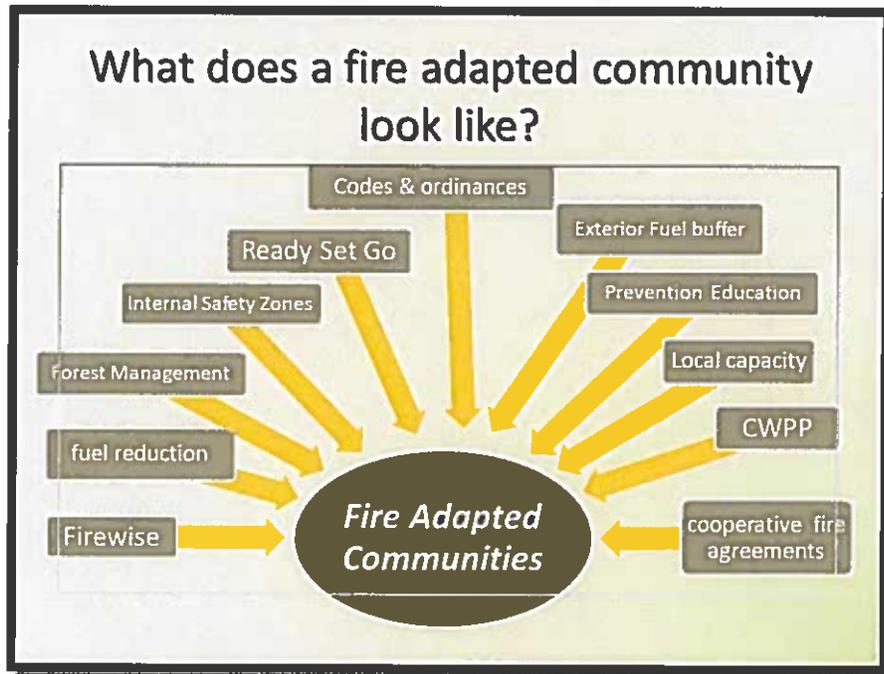


Figure 1 Elements of a fire adapted community

Firewise Communities is a recognition program administered by the National Fire Protection Association that began in 2002. Firewise emphasizes fuels reduction and steps homeowners can take to reduce their individual wildfire risk. For example, landscaping practices to reduce flammable materials close to the home and standards for pruning trees and bushes. [Firewise.org](http://Firewise.org) contains several resources for homeowners, such as an online toolkit and checklist for steps to reduce wildfire risk. Firewise recognition is achieved after a community completes a 5-step process:

1. Obtain a wildfire risk assessment as a written document from your state forestry agency or fire department.
2. Form a board or committee, and create an action plan based on the assessment.
3. Conduct a “Firewise Day” event.
4. Invest a minimum of \$2 per capita in local Firewise actions for that year.

5. Submit an application to your Firewise liaison.

Firewise recognition is an important tool in the ongoing process to be fire adapted. Many communities working to be fire adapted begin by becoming recognized as a Firewise community. In summary, "Firewise is a designation, fire adapted is a lifestyle" (Nystrom, 2016).

CWPP implementation and action items

Many of the priority action items identified in the 2009 CWPP are ongoing and will be carried over to the 2016 update. Some action items have been amended slightly to reflect progress made since 2009. The CWPP core team, and members of the public, worked together to identify action items that have been accomplished and are no longer relevant, are ongoing, and also identified new actions that will help make Angel Fire a more fire adapted community.

Table 3 outlines the priority action items for 2016 and beyond using the same focus areas from the 2009 CWPP. The status of each action item is described as ongoing, amended, or new. Ongoing action items were in the 2009 CWPP and are still relevant to 2016 and beyond. Amended action items were included in the 2009 CWPP and contain new language for 2016 to reflect a change in conditions or progress made since 2009. Core team members and members of the public worked together to identify new action items throughout the CWPP update process. Table 3 also provides the original 2009 language for amended action items and greater detail for new action items.

The Village Firewise committee will lead the effort to implement the 2016 CWPP action items. In addition to regularly scheduled monthly meetings, the Firewise committee will prepare an annual CWPP implementation strategy, including prioritized action items, and a review of progress made to implement action items to the Village council. The Mayor and Council will approve the implementation strategy within 90 days of the approval of the 2016 CWPP update and ensure that CWPP implementation is successful.

Table 3 Priority action items for 2016 and beyond

Priority action items for 2016 and beyond	
Public information and involvement	
Status	Action item
Ongoing	Educate homeowners and potential contractors (home-building, forest thinning, etc.) about forest health and fire prevention.
Ongoing	Coordinate with community groups and area Firewise organizations to promote fire prevention, fuels treatment and defensible space.
Amended	2009 Create a group to develop fire prevention and hazard reduction messages and methods to promote community awareness and minimize the effects of a wildfire on the economy and environment. 2016 Maintain the Village Firewise Committee to develop fire prevention and hazard reduction messages and methods to promote community awareness, minimize the effects of a wildfire on the economy and environment, and to lead implementation of CWPP action items.
Ongoing	Conduct fire prevention campaigns during times when fire danger is high. Use newspapers, radio messages and signs to alert visitors and residents alike.
New	In addition to regularly scheduled monthly meetings, the Firewise committee will prepare an annual CWPP implementation strategy, including prioritized action items, and a review of progress made to implement action items to the Village council. Detail An annual implementation strategy and review of progress will help ensure that CWPP action items are accomplished in a timely manner.
New	Pursue Firewise designation for the Village of Angel Fire. Detail Attaining Firewise status for a community often provides the “spark” to engage community members in fuels reduction, wildfire preparedness, and other actions related to becoming a more fire adapted community.
New	Establish an association of neighborhoods for the Village of Angel Fire. Engage with neighborhood representatives on wildfire preparedness and fuels reduction projects. Detail Becoming a more fire adapted community requires collaboration at various scales, the smallest of which is being the individual homeowner. Engaging and empowering neighborhood leaders to address their wildfire risk will increase the capacity of all scales of a fire adapted community (homeowners, neighborhoods, Village officials, etc.) to address wildfire risk.
New	Utilize social media to a greater extent to notify and engage with residents about wildfire incidents, preparedness, and mitigation efforts. Consider applying for a <a href="http://Nextdoor.com">Nextdoor.com</a> partnership to improve neighbor-neighbor communication and to better connect residents with village officials. Detail Fire adapted communities utilize a variety of outreach and communication methods. Social media is one such method that is continually evolving. Nextdoor.com is one useful tool to help connect Village officials with residents and neighbors with neighbors in a private, useful format.
New	Create an education and outreach program and subcommittee within the Firewise Committee

	Detail	To provide more targeted and robust outreach to residents. Recruit and include volunteers outside of the current committee.
New		Include information about actions residents can take to reduce wildfire risk, emergency preparedness, etc. seasonally in utility bills.
	Detail	Utility bills are one method for conducting outreach to Village residents on steps they can take to reduce their personal wildfire risk.
New		Continue to host annual open house about wildfire preparedness and mitigation for Village residents with presentations by adjacent land managers, forestry and wildfire experts, and other Village officials.
	Detail	Face to face meetings with residents, Village officials, and experts in forestry and wildfire will enhance collaboration among various stakeholders.
New		Use Village electronic bulletin board to promote wildfire preparedness and mitigation actions residents can take during wildfire season.
	Detail	The electronic bulletin board provides another method of outreach for Village residents.
New		Include information about actions residents can take to reduce wildfire risk, emergency preparedness, etc. in the Sangre de Cristo Chronicle. Notices should be included seasonally as mitigation efforts can occur year round.
	Detail	Reminding residents seasonally (including in the winter) is necessary if mitigation measures are to be accomplished at the necessary scale.
<b>Reducing structural ignitability</b>		
Ongoing		Expand the current Wildland Urban Interface provisions to existing structures. Develop construction standards to reduce the vulnerability of wooden decks, especially on slopes. Implement the provisions in the highest hazard and risk areas first. Thin vacant lots adjacent to existing structures where needed to provide adequate defensible space.
Ongoing		Pursue state and federal grants that can support defensible space projects on both public and private lands. Landowners and local government can provide cost share support.
	2009	Expand the slash disposal service to encourage homeowners to reduce wildland fuels on undeveloped lots and to install and maintain defensible space around structures. Implement incentives for slash fees to support thinning.
Amended	2016	Continue to expand green waste disposal capacity within the village to encourage homeowners to reduce wildland fuels on undeveloped lots and to install and maintain defensible space around structures. Maintain incentives for slash fees to support thinning.
		Conduct a lot-by-lot assessment of wildfire hazard within the Village.
New	Detail	Lot-by-lot or home site assessments provide valuable information to Village firefighters about how to prioritize mitigation measures in communities. Assessments also help to educate homeowners about steps they can take to make their homes more resistant to embers showers and direct heat in the event of a wildfire. Homeowners should endeavor to make their homes resistant to wildfire without direct suppression efforts from fire fighting resources that may be committed elsewhere during a wildfire incident.
New		Develop a Geographic Information System Database (GIS) to store and utilize Village home site assessments for planning, response,

	and educational efforts.
	<p><b>Detail</b> As more home sites are assessed, the Village will require a system to store and make use of those assessments.</p> <p>Work with neighboring communities (Black Lake, Guadalupe, etc.) to utilize green waste generated from fuels reduction projects, e.g. fire wood, wood chips, etc. at little or no cost to interested participants.</p>
New	<p><b>Detail</b> Managing green waste from fuels reduction projects is often resolved by connecting those with green waste (firewood, wood chips etc.) with those in need of those materials. Utilizing green waste, rather than disposing of it (burning etc.) provides several benefits to Village residents as well as neighborhood communities.</p> <p>Finalize air curtain burner permitting process.</p>
New	<p><b>Detail</b> To take full advantage of one method of disposing of green waste, the Village should finalize and/or update air curtain burning permits with the appropriate regulatory authorities.</p>
<b>Fuels treatment</b>	
Ongoing	Expand the current Wildland Urban Interface provisions to existing undeveloped lots. Treat the highest hazard and risk areas first. Consider requirements that emphasize thinning along roadways and property lines and might not require thinning entire lots.
Ongoing	Conduct fuels reduction projects within or adjacent to the Village of Angel Fire based on the community hazard rating and fire behavior analysis sections of this plan.
Ongoing	Pursue state and federal grants that can support fuels reduction projects on both public and private lands within the Village. Landowners and local government can provide cost share support.
Amended	2009 Work with the Association of Angel Fire Property Owners (AAFPO) Amenities Committee to conduct demonstration fuels reduction projects on the open space "green belt" trails throughout the Village that they maintain.
Ongoing	2016 Work with the Association of Angel Fire Property Owners (AAFPO) Amenities Committee to conduct and maintain demonstration fuels reduction projects on the open space "green belt" trails throughout the Village that they maintain. Actively participate in the planning, evaluation and monitoring of all federal, state, tribal and CFRP fuels treatment projects to assure agencies are working together to conduct high priority projects that are effective and benefit the Village.
Amended	2009 Consider supporting the USDA-Forest Service, Carson National Forest prescribed burn and wildfire use programs, provided that community concerns for safety and smoke management are understood and followed.
Ongoing	2016 Continue to support the USDA-Forest Service, Carson National Forest prescribed burn and wildfire use programs, provided that community concerns for safety and smoke management continue to be understood and followed. Encourage the New Mexico Department of Game and Fish (NMDGF) to participate in the Angel Fire Community Wildfire Protection Plan implementation to provide a wildlife management perspective.
New	<p>Work with neighborhood representatives to develop action items and priority treatments on the neighborhood level scale.</p> <p><b>Detail</b> Addressing wildfire risk at the neighborhood level provides a starting point for mitigation measures in a more manageable scale and will be guided by priority rankings. By implementing a neighborhood level approach, residents and Village officials can take a methodical approach to reducing wildfire risk.</p>

Evacuation planning		
Amended	2009 2016	Establish signs identifying evacuation routes. Routes could be color coded to simplify instructions to the public. Install signs identifying evacuation routes.
Amended	2009 2016	Thin vegetation along roadways and at intersections where possible to create the greatest potential for visibility during a wildfire. Refer to the fuels treatment section of this Plan for more information. Thin vegetation along roadways and at intersections and maintain previous treatments to create the greatest potential for visibility during a wildfire. Refer to the fuels treatment section of this Plan for more information.
Amended	2009 2016	Advise the public about evacuation routes and the pre-identified safety zones at the airport, community center and golf course. Advise the public about evacuation routes and the pre-identified evacuation staging area behind the Village hall and fire station #1.
Ongoing		Use radio stations to disseminate emergency information and advise the public of their importance as a primary source of information.
Ongoing		Ensure that area radio stations are aware of their importance as disseminators of emergency messages, and regularly review and update procedures for authorizing such messages.
Amended	2009 2016	Investigate the potential use of warning systems such as emergency sirens, mass notification systems (such as "Reverse 911), helicopter-mounted public address systems, etc. Investigate the potential use of warning systems such as emergency sirens, helicopter-mounted public address and other mass notification systems.
New		Conduct an evacuation drill within the village, including a test of the Colfax County reverse 911 "Code Red" system.
New	Detail	Establish an evacuation plan for the Village, which should include the location of evacuation shelters and procedures for evacuating pets and livestock. An evacuation plan addressing these issues will limit confusion during an event. The evacuation plan may be added as an appendix to the Village Hazard Mitigation Plan or Community Wildfire Protection Plan.
Ongoing		Involve the Village Police Department, Colfax County Sheriff's Department, State Police, and other cooperators in reviewing current Emergency Operating Plans and conducting field exercises.
Ongoing		Create handouts or messages advising the public about how to prepare for an evacuation. Consider emphasizing that when getting ready to evacuate, people should remember the "5 P's": Pictures, Pets, Papers, Pills and Phones."
Ongoing		Improve the fire department's Insurance Services Organization (ISO) rating. Improved firefighter response, fire equipment such as a ladder truck, additional fire stations and additional water delivery and storage capacity should improve the fire department's Insurance Services Organization (ISO) rating. An improved ISO rating will increase annual fire department funding and reduce homeowner

	insurance rates.	
Amended	2009	Establish a position knowledgeable in forestry or natural resources to implement and enforce WUI ordinances, obtain and manage WUI and hazardous fuels reduction grants, coordinate fire prevention activities and public involvement such as the Firewise communities program, and coordinate cooperator actions (including Forest Service, NM State Land Office, Taos Pueblo, and local Colfax County groups).
	2016	Establish a Wildland Urban Interface Specialist position within the Village of Angel Fire Fire Department to implement and enforce WUI ordinances, obtain and manage WUI and hazardous fuels reduction grants, coordinate fire prevention activities and public involvement such as the Firewise communities program, coordinate cooperator actions (including Forest Service, NM State Land Office, Taos Pueblo, and local Colfax County groups), and work with the Firewise Committee and Village staff to implement CWPP action items.
Ongoing		Encourage the cross-training of area fire departments, local government officials and state and federal agencies using the Incident Command System (ICS) to manage an emergency incident.
Ongoing		Maintain the Enchanted Circle annual operating plan to coordinate area wildfire management. An annual operating plan has been prepared cooperatively with local, state, and federal government agencies.
Ongoing		Participate in interagency fire incidents to increase experience. Continue to participate in the New Mexico Resource Mobilization Plan to gain experience conducting wildfire suppression in wildland urban interface communities.
Ongoing		Conduct local, effective, and certified wildland fire trainings. Maintain wildland firefighter qualifications.
Amended	2009	Consider developing a regional training center. Reach out to regional cooperators such as the Enchanted Circle, Raton Fire Department and Colfax and San Miguel County Fire Departments.
	2016	Continue to develop a regional training center. Reach out to regional cooperators such as the Enchanted Circle, Raton Fire Department and Colfax and San Miguel County Fire Departments.
Amended	2009	Continue to improve water storage and delivery systems. Complete development of one million gallon storage tank and connect the new storage into the existing water delivery system. Study how power outages or other problems during a wildland fire would affect water delivery.
	2016	Continue to improve water storage and delivery systems. Purchase backup generators in the event of a loss of power to continue water delivery.
		Identify a community liaison that can relay relevant information between emergency personnel and residents in the event of a wildfire or other emergency.
New	Detail	Identifying a community member to work with emergency personnel and residents is part of planning for during and after wildfires and other emergencies. A community liaison will help keep residents informed, providing a trusted and familiar voice to compliment more official channels.
New		Establish a Community Emergency Response Team for the Village of Angel Fire and support residents interested in earning the certification. <a href="https://www.fema.gov/community-emergency-response-teams">https://www.fema.gov/community-emergency-response-teams</a>

	Detail	Utilizing existing training and certification programs will help make residents and the Village as a whole more prepared to respond to wildfires and other emergencies.
	<b>CWPP Implementation</b>	
New		In addition to regularly scheduled monthly meetings, the Firewise committee will prepare an annual CWPP implementation strategy and a review of progress made to implement action items and present it to the Mayor and Village council. The first implementation strategy will be presented to the Mayor and council within 90 days of the approval of the 2016 CWPP update.
	Detail	An annual implementation strategy and review of progress will help ensure that CWPP action items are accomplished in a timely manner. The implementation strategy will include a prioritized list of action items, a schedule with completion deadlines, and will identify Village staff and Firewise committee members who are responsible for implementing action items. The Mayor and Village council will approve the implementation strategy and ensure that CWPP implementation is successful.
Amended	2009	Create a group to develop fire prevention and hazard reduction messages and methods to promote community awareness and minimize the effects of a wildfire on the economy and environment.
	2016	Maintain the Village Firewise Committee to develop fire prevention and hazard reduction messages and methods to promote community awareness, minimize the effects of a wildfire on the economy and environment, and to lead implementation of CWPP action items.
Amended	2009	Establish a position knowledgeable in forestry or natural resources to implement and enforce WUI ordinances, obtain and manage WUI and hazardous fuels reduction grants, coordinate fire prevention activities and public involvement such as the Firewise communities program, and coordinate cooperator actions (including Forest Service, NM State Land Office, Taos Pueblo, and local Colfax County groups).
	2016	Establish a Wildland Urban Interface Specialist position within the Village of Angel Fire Fire Department to implement and enforce WUI ordinances, obtain and manage WUI and hazardous fuels reduction grants, coordinate fire prevention activities and public involvement such as the Firewise communities program, coordinate cooperator actions (including Forest Service, NM State Land Office, Taos Pueblo, and local Colfax County groups), and work with the Firewise Committee and Village staff to implement CWPP action items.



## What does a fire adapted community look like?

Fire is a natural part of our environment. As we choose to live in areas where wildfires occur, we must adapt the way we design, build and live within those areas to prepare our communities for wildfire. A fire adapted community understands its risks and takes action that minimizes harm to residents, homes, businesses, parks, and other community assets. These collective actions empower all community members to be safer in their communities. To learn more about making your community fire adapted, visit [www.fireadapted.org](http://www.fireadapted.org).

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Figure 1 Fire adapted communities in infographic



#### 4| Companion plan crosswalk

##### Hazard Mitigation Plan

The Village of Angel Fire Hazard Mitigation Plan updated in October 2015 is an important companion document and should be linked to the CWPP. In fact, the Hazard Mitigation Plan ranks wildfire as the hazard with the highest impact and the highest likelihood. The total risk score for wildfire is more than double the score for the next highest ranked hazard (drought). Future updates to the Hazard Mitigation Plan should include the risk from post-fire flooding. Table 4 below provides an overview of hazards and associated vulnerability scores.

**Table 4 Hazard mitigation plan impact and vulnerability score for wildfire**

Village of Angel Fire Hazard Mitigation Plan Impact and Vulnerability Score for Wildfire			
Parameter	Definition	Wildfire score	
Geographic Extent	Size of the affected area. Includes areas not damaged but strongly affected by the incidents. For example, areas backed up by a transportation accident.	5	Regional
Duration	How long does the acute crisis part of the disaster last?	5	30+ days
Environment	How damaging is the disaster for the natural environment?	5	Permanent loss of ecosystem
Health Effects	How dangerous is the disaster for the natural environment?	2	1-10 deaths and/or 1-100 injuries
Displacement	How likely is the hazard to negatively impact the exposed population in terms of displacement, personal property loss and increased indebtedness?	5	1000+ displaced people. More than 30% of population facing acute shortages of basic supplies and access to services
Economy	How does the hazard affect the local economy?	5	Physical losses equal to 10% to assess value. Loss of ability to generate revenue.
Built Environment	How does the hazard affect the ability of residents and workers to access the resources they need?	5	1000+ structures red tagged. At least two major utilities degraded at least 50%.
Transportation	How does the hazard affect the ability of residents and workers to access the resources they need?	4	Many critical services inaccessible. One major mode inoperable. One major corridor inoperable.
Critical Services	How likely is the hazard to reduce the ability of government and business to provide critical services? (Medical, Public Safety, Social, Financial, etc.)	4	Temporary degradation of most critical services. Long term degradation of multiple services.
Confidence in Government	Would public's confidence in government be shaken?	3	Somewhat
Cascading Effects	How severe and complex will the secondary effects be?	5	Secondary effects generated and rival or exceed primary hazard. Secondary impacts would definitely be disaster in their own right.
<b>Total vulnerability score</b>		<b>43</b>	



The Hazard Mitigation Plan divides the village into four areas though no map was provided in the plan:

- a. Area 1- heavily forested rugged mountainous terrain with few structures (6 total)
- b. Area 2 - heavily forested moderate mountainous terrain with single-family residential structures (1,200 structures)
- c. Area 3 - grassland meadows with business and multi-family condominium/hotel structures (190 structures)
- d. Area 4 - grassland meadows with business and a few single-family structures (above grade utilities and no fire hydrants) (200 structures).

The Village of Angel Fire has identified six facilities as critical and has placed these facilities in three operational categories: (1) must not lose operational capability, (2) must be operational within 24 hours, and (3) must be operational within 24 to 72 hours. Map 1 shows the location of each critical facility. Category 1 facilities are:

- Telephone Exchange (Q west) Mountain View Blvd.
- Village Fire Station 11 N. Angel Fire Road

Category 2:

- Electrical power Substation (Kit Carson) East of Hwy 434

Category 3:

- Waste Water Treatment Plant (Village) 67 Service Road
- Village Hall (Village) 3388 Mountain View Blvd.
- Water Well #1 (Village) 434 and Country Club Drive

The Hazard Mitigation Plan prioritizes 17 mitigation initiatives many of which would increase the Village's wildfire preparedness including:

- Priority 1 Additional Water Rights
- Priority 2 Hire Emergency Manager
- Priority 3 Fire Station 3
- Priority 5 Additional Fire Equipment
- Priority 7 Water Storage Tanks Repair or Replacement
- Priority 12 Adoption of current NFPA and Life Safety Codes
- Priority 14 Vegetation Management Program to thin forested areas creating defensible space within the Village to protect against wildfires and provide for forest health.

According to the Hazard Mitigation Plan, the Village Planning Committee prioritized the projects using social, economic, technological, administrative, political, legal, and environmental factors. The Hazard Mitigation Plan includes more detail on the estimated costs, benefits, funding, and timeline for each of these priorities.

#### Comprehensive plan

Like the Hazard Mitigation Plan, the Village of Angel Fire's 2008 Comprehensive Plan addresses some issues relevant to this CWPP. The Comprehensive Plan is a policy guide focused on the physical development of the community built from public meetings; interviews with Village staff, representatives from the Angel Fire Resort, and business people and students. In the Natural Resources section, the Comprehensive Plan recommends Angel Fire become a Firewise community. Other priorities related to wildfire mitigation in the Comprehensive Plan mirror those in the Hazard Mitigation Plan. Future updates to the Comprehensive Plan should include references to both the CWPP and the Hazard Mitigation Plan. For more information please see the Village of Angel Fire Comprehensive Plan at:

<http://www.angelfirenm.gov/assets/documents/2008ComprehensivePlan-e66efb18ea.pdf>



## **5| Wildfire preparedness**

### **Ingress and egress**

Ingress (access for wildfire suppression equipment and personnel) and egress (ways for residents and visitors to escape the wildfire) are crucial to wildfire preparedness. The 2009 Angel Fire CWPP (p 30) includes a discussion of treatments to maintain ingress and egress roads in safe condition as well as a map of the key ingress/egress roads (figure 8 page 31, 2009). Some areas, such as the Taos Drive area, are identified in the 2009 CWPP as having a single gravel road for ingress/egress and has multiple dead ends, which could present serious problems during an evacuation.

### **Smoke impacts**

Wildfire smoke is not healthy and older adults, children, and people who have heart or lung diseases are most at risk from its adverse effects. Even wildfires miles away from the Village of Angel Fire may cloud the air with smoke and residents and the Center for Disease Control recommends the follow measures to decrease the impact of wildfire smoke:

- Check local air quality reports;
- Keep indoor air as clean as possible by keeping doors and windows shut;
- Avoid activities that increase indoor pollution such as smoking, burning candles, fireplaces, or gas stoves; and
- Seek shelter in a designated evacuation center or away from the affected area if necessary.

### **Communication**

Communication is one of the best tools for reducing the impact of wildfires. Good communication allows firefighter to efficiently suppress wildfires, residents to evacuate if the need arises, and responders to help those in need. In order to ensure good communication during an incident, it is crucial to have communication before an incident. Emergency responders from Village, county, volunteer fire departments, state, and federal agencies need to be sure they understand each other's communications protocols and requirements. Pre-wildfire season meetings of key individuals are a worthwhile investment to ensure seamless communication during a wildfire. These meetings also serve to build the personal connections and trust that can be very important during an incident.

Communication is also important for families to ensure everyone is safe and accounted for. Often designating an out-of-area friend or relative as a point of contact works best. He or she can act as a single source of communication among family members in case of separation more efficiently when phone, cell, and internet systems are overloaded or limited during a wildfire.

### **Community Emergency Response Team**

The Federal Emergency Management Agency (FEMA) has a program to help community members be part of the response to disasters called Community Emergency Response Team (CERT). The CERT program helps volunteers use training learned in the classroom and during exercises to assist others in their community after a disaster when professional responders are not immediately available to help.



### Evacuation

Residents should be ready to leave as soon as evacuation is recommended by officials to avoid being caught in fire, smoke, or road congestion. Evacuating early helps firefighters keep roads clear of congestion and lets them move more freely to do their job.

The 2009 CWPP identified three safety zones for the Village: the airport, community center, and the golf course. A safety zone is an area without burnable fuel that is large enough so that the distance between the firefighters and flames is at least four times the maximum flame height. However, in the context of an evacuation order issued for the village in the event of a wildfire, an “evacuation staging area” more accurately describes the need and intent of previously named safety zones. In order to clarify for residents the procedure following an evacuation order, the area behind Fire Station #1 (11 N Angel Fire Road) and Village hall (3388 Mountain View Blvd) was identified as the single evacuation staging area for the 2016 CWPP update. Map 5 shows the location of the evacuation staging area. If an evacuation order is given for Village residents to leave their homes, they should convene at the evacuation staging area and await further instructions. Residents with livestock who may be towing trailers should also convene at the evacuation staging area.





Before wildfire season starts residents should develop a plan for evacuation. Family members should have an established emergency meeting location outside the hazard area and a plan for pets and large animals such as horses and other livestock. An easy way to remember what to prepare for an evacuation is the 6 Ps:

- People and pets
- Papers, phones numbers, and important documents
- Prescriptions
- Photos and pictures (irreplaceable memorabilia)
- Personal computer harddrives
- Plastic: credit cards, ATM cards, and cash

Knowing where all these things are when a wildfire starts can make evacuation less stressful.

The Home Evacuation Checklist from [www.ReadyForWildfire.org](http://www.ReadyForWildfire.org) gives a good list of how to prepare for evacuation:

#### **Inside the House**

- Shut all windows and doors, leaving them unlocked.
- Remove flammable window shades, curtains and close metal shutters.
- Remove lightweight curtains.
- Move flammable furniture to the center of the room, away from windows and doors.
- Shut off gas at the meter; turn off pilot lights.
- Leave your lights on so firefighters can see your house under smoky conditions.
- Shut off the air conditioning.

#### **Outside**

- Gather up flammable items from the exterior of the house and bring them inside (patio furniture, children's toys, door mats, trash cans, etc.) or place them in your pool.
- Turn off propane tanks.
- Move propane BBQ appliances away from structures.
- Connect garden hoses to outside water valves or spigots for use by firefighters. Fill water buckets and place them around the house.
- Don't leave sprinklers on or water running, they can affect critical water pressure.
- Leave exterior lights on so your home is visible to firefighters in the smoke or darkness of night.
- Put your Emergency Supply Kit in your vehicle.
- Back your car into the driveway with vehicle loaded and all doors and windows closed. Carry your car keys with you.
- Have a ladder available and place it at the corner of the house for firefighters to quickly access your roof.
- Seal attic and ground vents with pre-cut plywood or commercial seals.
- Patrol your property and monitor the fire situation. Don't wait for an evacuation order if you feel threatened.
- Check on neighbors and make sure they are preparing to leave.

#### **Animals**

- Locate your pets and keep them nearby.
- Prepare farm animals for transport and think about moving them to a safe location early.



## 5| Planning for post-fire recovery

Because of the significant probability of a wildfire eventually occurring in or around Angel Fire, it is important to plan for how the community will recover after a wildfire. New Mexico State Forestry provides an excellent resource for thinking about post-fire recovery called *After Wildfire* ([www.afterwildfirenm.org](http://www.afterwildfirenm.org)). In addition, many elements of post-wildfire recovery are similar to recovery from other disasters and are covered in the Village of Angel Fire Hazard Mitigation Plan.

The first post-fire recovery concern is safety. After a wildfire it is important that residents stay away from their homes or businesses until officials determine it is safe to return. Because utility services can be disrupted by wildfire:

- do not drink or use water from the faucet until officials say it is okay;
- use extreme caution around trees, power poles and other tall objects that may have lost stability during the fire;
- if you have a propane tank or system, contact a propane supplier, turn off valves on the system, and leave valves closed until the supplier inspects your system; and
- Look for smoke or sparks that may still be burning.

Post fire flooding is a major concern. The heavy monsoon season rains common in New Mexico in the late summer and early fall can often bring flooding and debris flows after wildfire. These storms are typically very local, very intense, and of short duration, delivering a lot of rain in a short amount of time. When such storms develop over burned areas, the ground cannot absorb the rain, so it runs off the burned area, accumulates in streams, and produces flash floods.

FEMA produces flood risk maps that can help guide post-fire preparation for flooding (see Figure 2 below). Post-wildfire flooding preparation should also be included in the Angel Fire Hazard Mitigation Plan. Some homes and businesses may want to reevaluate their flood insurance coverage in light of the fact that post-wildfire floods are often more extensive than the flood risk before a wildfire might indicate.

**Image 6 Post-fire flooding in Arizona**





**Figure 2 National Flood Insurance Map from FEMA (panel 1100D) showing special flood hazard areas subject to inundation by the 1% annual chance flood**

The New Mexico's *After Wildfire* guide suggests communities designate a Post Fire Coordinator (or a few coordinators) to work directly with local, state or federal agencies, emergency response officials, volunteers, and other stakeholders to address needs and seek assistance. Post Fire Coordinators may be part of the Community Emergency Response Team (CERT) mentioned above in the Wildfire Preparedness section.

It may be appropriate to implement post-wildfire treatments in the forest such as erosion control or planting, but first communities should be sure to identify values at risk post-wildfire and focus on treatment that reduce the threat to those values. The *After Wildfire* guide has a catalogue of potential treatments that include:

- Seeding and mulch to reduce erosion;
- Contour log felling and other erosion barriers;
- Check dams and other channel treatments; and
- Culvert modifications and other road treatments.



Image 8 Spreading mulch to reduce erosion



Image 7 A checkdam stabilizes soil behind it

## 6| Collaboration and public participation

The 2016 CWPP update was developed collaboratively with members of the CWPP core team, Village residents, and other stakeholders. A project website was established ([www.forestguild.org/angelfirecwpp](http://www.forestguild.org/angelfirecwpp)) to announce meetings and share drafts of the 2016 update. The CWPP core team led the collaborative effort and was comprised of village officials, adjacent land management agencies, residents, and other stakeholders. Table 5 below lists members of the core team who were invited to core team meetings. It should be noted that not all members of the core team were able to meet in person. Residents and other stakeholders were also provided with options other than meetings to provide input to the CWPP update.

Table 5 2016 CWPP core team

Name	Position	Affiliation
Jimmy Linton	Tourism manager	Angel Fire Convention & Visitors Bureau
Bubba Davis	Board of directors	Angel Fire Property Owners Association
Dan Rakes	General Counsel	Angel Fire Resort
Andy Whitacre	Asst. Mountain Operations Manger	Angel Fire Resort
Kyle Sahd	Fire management specialist	Bureau of Land Management, Taos Field Office
Ray Corral	Zone Fire Management Officer	Carson National Forest
Tom Vigil	Emergency manager	Colfax County
Larry Osborne	Fire Marshall	Colfax County
Scott Jones	President	Colfax County Coalition of Firewise Communities
Michael Dean	Caretaker	Elliot Barker Girl Scout Camp
Joe Stehling	Firewise and Fire Adapted Communities Coordinator	Hidden Lake Firewise Community
Bob Coss	Fire Chief	Moreno Valley Fire Department
Ernie Lopez	District Forester	New Mexico State Forestry, Cimarron District
Arnie Friedt	Timber management officer	New Mexico State Forestry, Cimarron District
Mark Meyers	Forester	New Mexico State Land Office
Ron Burnham	Fire Chief	Red River Fire Department
Brinn Colenda	Councilor	Village of Angel Fire
Terry Cordova	Assistant Village manager	Village of Angel Fire



Amos Torres	Public works director	Village of Angel Fire
Barbara Cottom	Mayor	Village of Angel Fire
Rick Tafoya	Public Works Director	Village of Angel Fire
Christine Breault	Director, Community Development Department	Village of Angel Fire
Tracy Orr	Grants administrator	Village of Angel Fire
Andy Bertges	Fire Chief	Village of Angel Fire
Fabian Mascarena	Grants management	Village of Angel Fire
Kevin Pool	Captain	Village of Angel Fire Fire Department
David Hartson	Member	Village of Angel Fire Firewise Committee
John Goodson	Member	Village of Angel Fire Firewise Committee
Marcos Rivera	Member	Village of Angel Fire Firewise Committee
Rick Sprott	President	Village of Angel Fire Firewise Committee
Don Clark	Member	Village of Angel Fire Firewise Committee

The core team convened several meetings to discuss progress since the 2009 CWPP, identify priority action items for the 2016 update, and to review drafts of the final document. Table 6 below provides an overview of all core team and public meetings convened for the 2016 CWPP update.

**Image 9 Participants at the June public meeting**



**Table 6 2016 CWPP update meetings**

Date	Meeting	# of Participants	Representation
2/29/16	Core team	13	Forest Stewards Guild, Village of Angel Fire, Village of Angel Fire Fire Department, NM State Land Office, NM State Forestry, Moreno Valley Fire Department, Association of Angel Fire Property Owners, US Forest Service, Bureau of Land Management
3/29/16	Public meeting	26	Forest Stewards Guild, Village of Angel Fire, Village of Angel Fire Fire Department, NM State Forestry, Moreno Valley Fire Department, Association of Angel Fire Property Owners, US Forest Service, Bureau of Land Management, Angel Fire Resort
6/27/16	Core team meeting	12	Forest Stewards Guild, Village of Angel Fire, Village of Angel Fire Fire Department, NM State Land Office, NM State Forestry, Moreno Valley Fire Department, US Forest Service, Bureau of Land Management



6/29/16	Public meeting	14	Forest Stewards Guild, Village of Angel Fire, Village of Angel Fire Fire Department, NM State Forestry, Association of Angel Fire Property Owners
7/28/16	Core team meeting	5	Forest Stewards Guild, Village of Angel Fire, Village of Angel Fire Firewise Committee, NM State Forestry

In addition to meetings, core team members and members of the public were invited to complete a survey that helped inform priorities and action items for the 2016 update. A similar survey was used in the 2009 CWPP. Many questions were repeated in 2016 to track changes in resident involvement in wildfire preparedness and perceptions regarding various fuel management practices. A paper and digital version of the survey were made available to residents. Paper copies of the survey were distributed at the March and June public meetings. The survey was posted online using Google forms. A link to the online survey was provided on the project website and the Village website. Survey questions and results are included in appendix A.

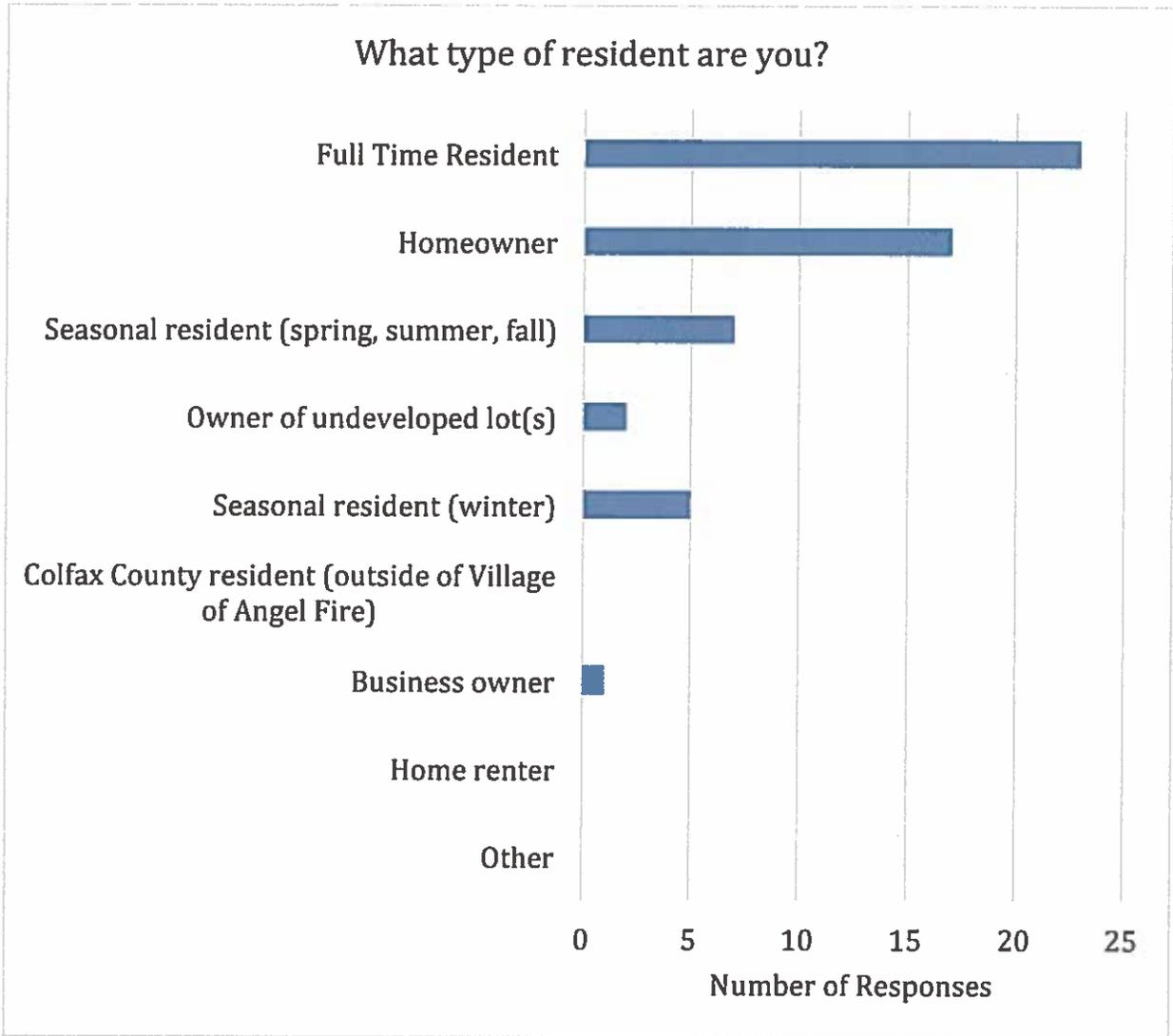
Image 10 URL to resident survey displayed on Village website



The 1<sup>st</sup> draft of the 2016 update was posted on the project website ahead of the June core team and public meetings to provide residents with an opportunity to recommend revisions and submit their comments and concerns.

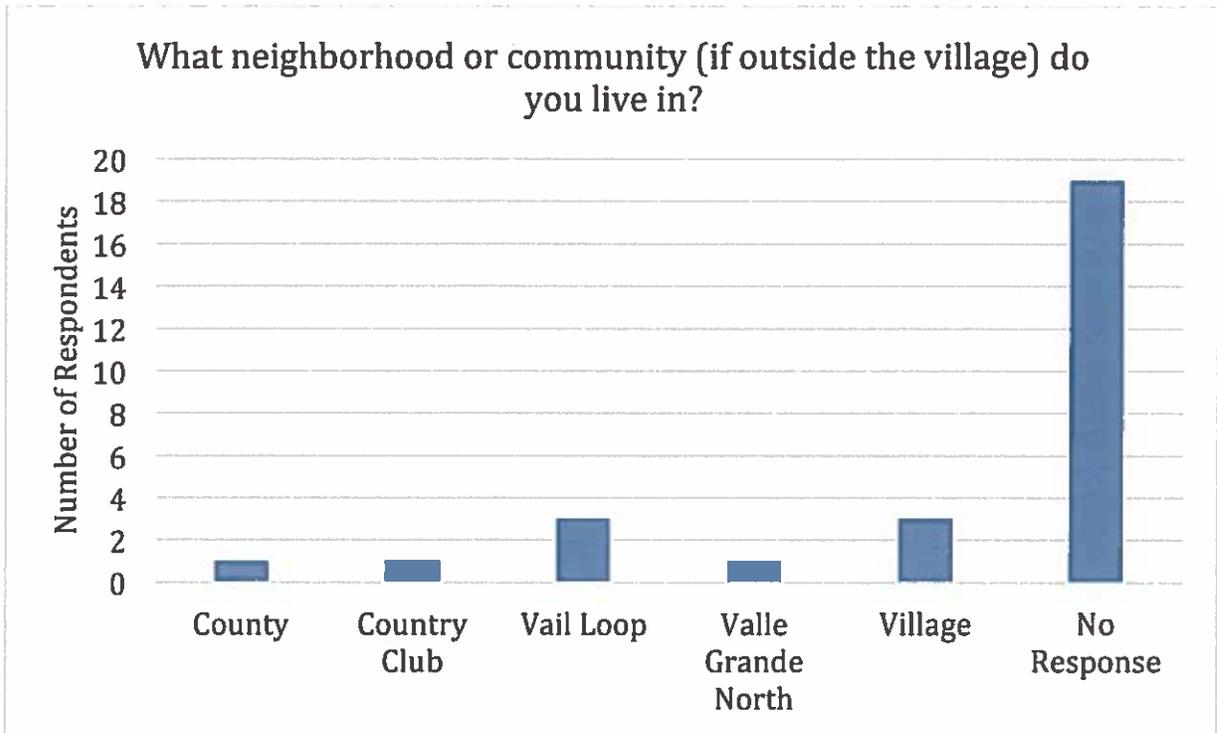


**Appendix A: Resident survey responses**



Number of respondents: 32

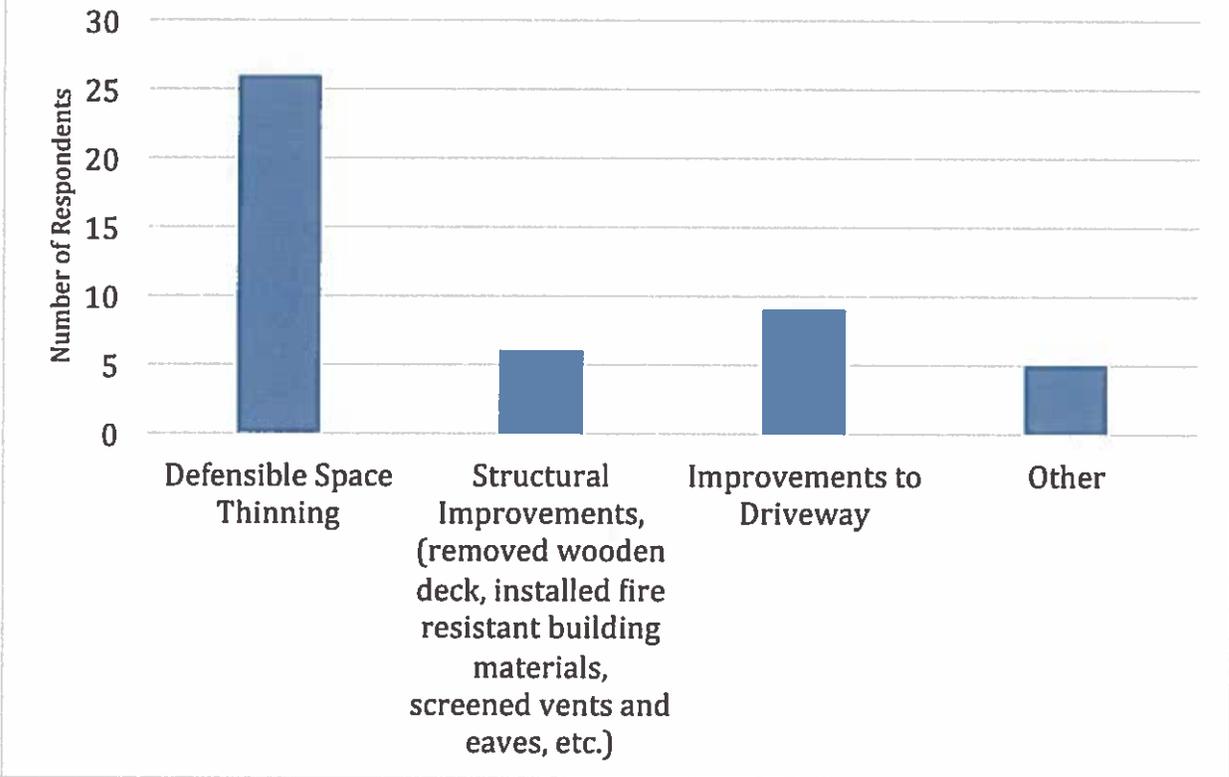




Number of respondents: 13



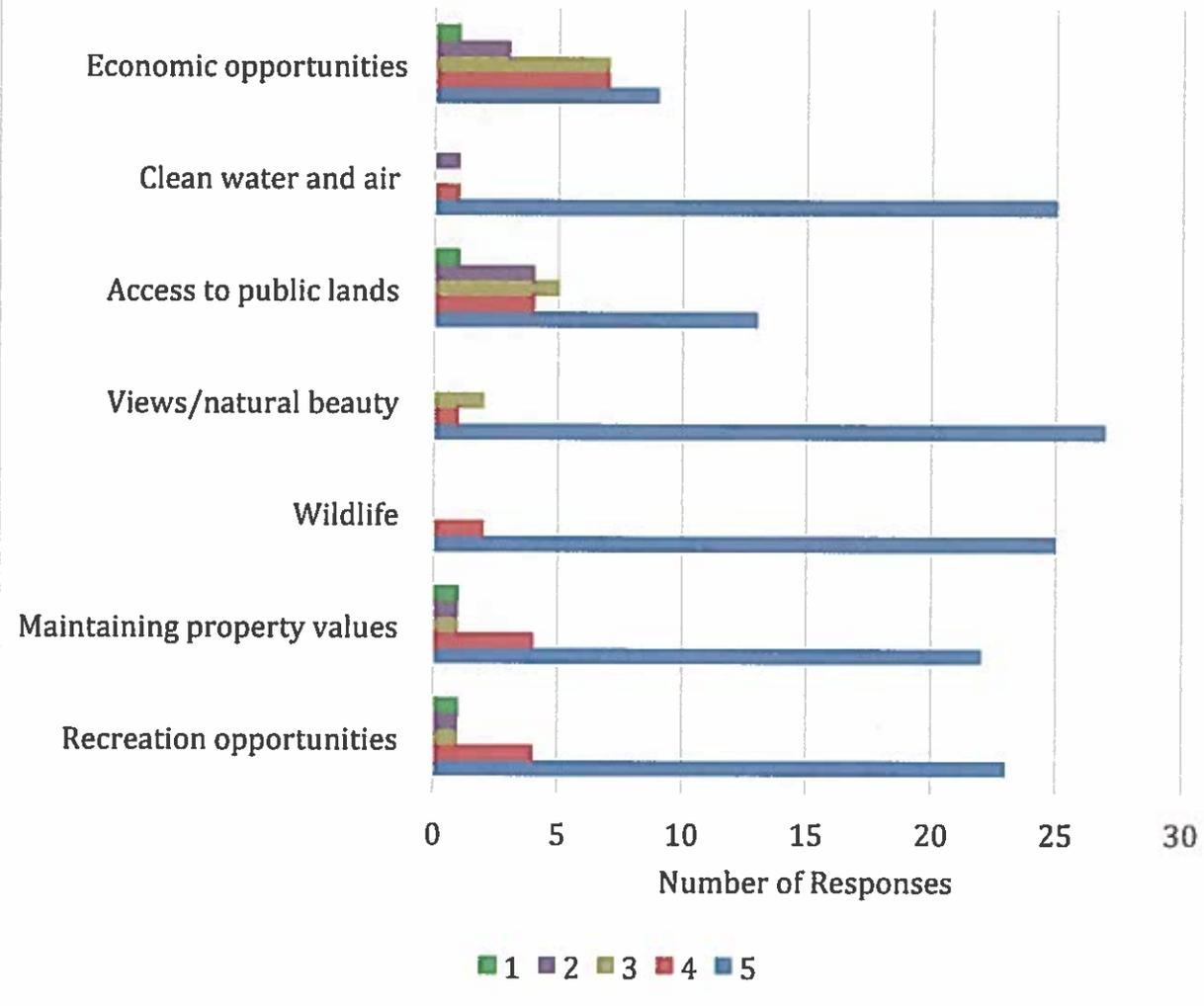
Since 2009 have you taken any of the following steps to reduce the wildfire risk to your home?



Number of respondents: 30



**What do you value most about Angel Fire and the local area?  
Rate each from low value = 1 to high value = 5**

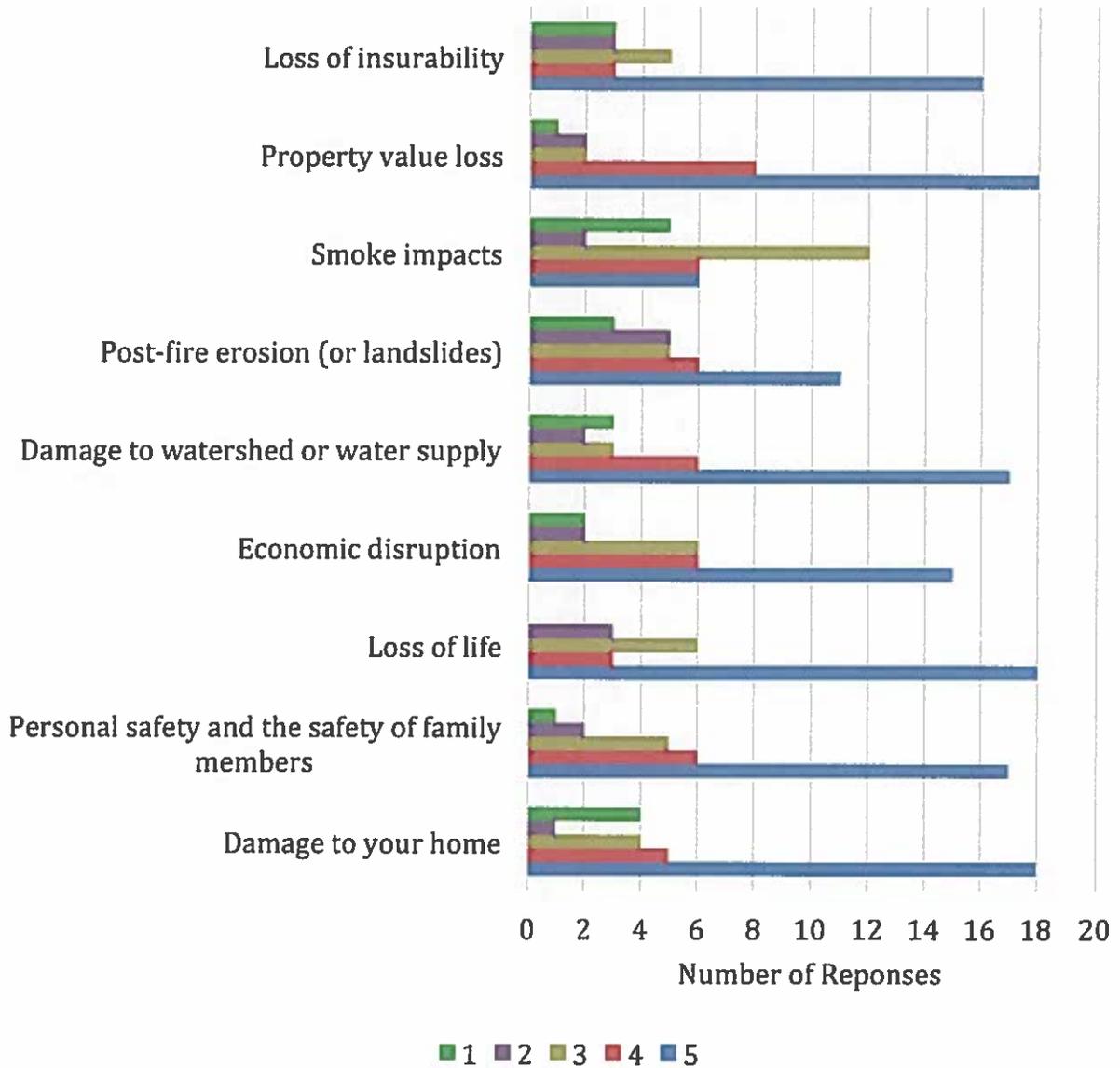


Number of respondents:

Recreation opportunities	30
Maintaining property values	29
Wildlife	27
Views/natural beauty	30
Access to public lands	27
Clean water and air	27
Economic opportunities	27



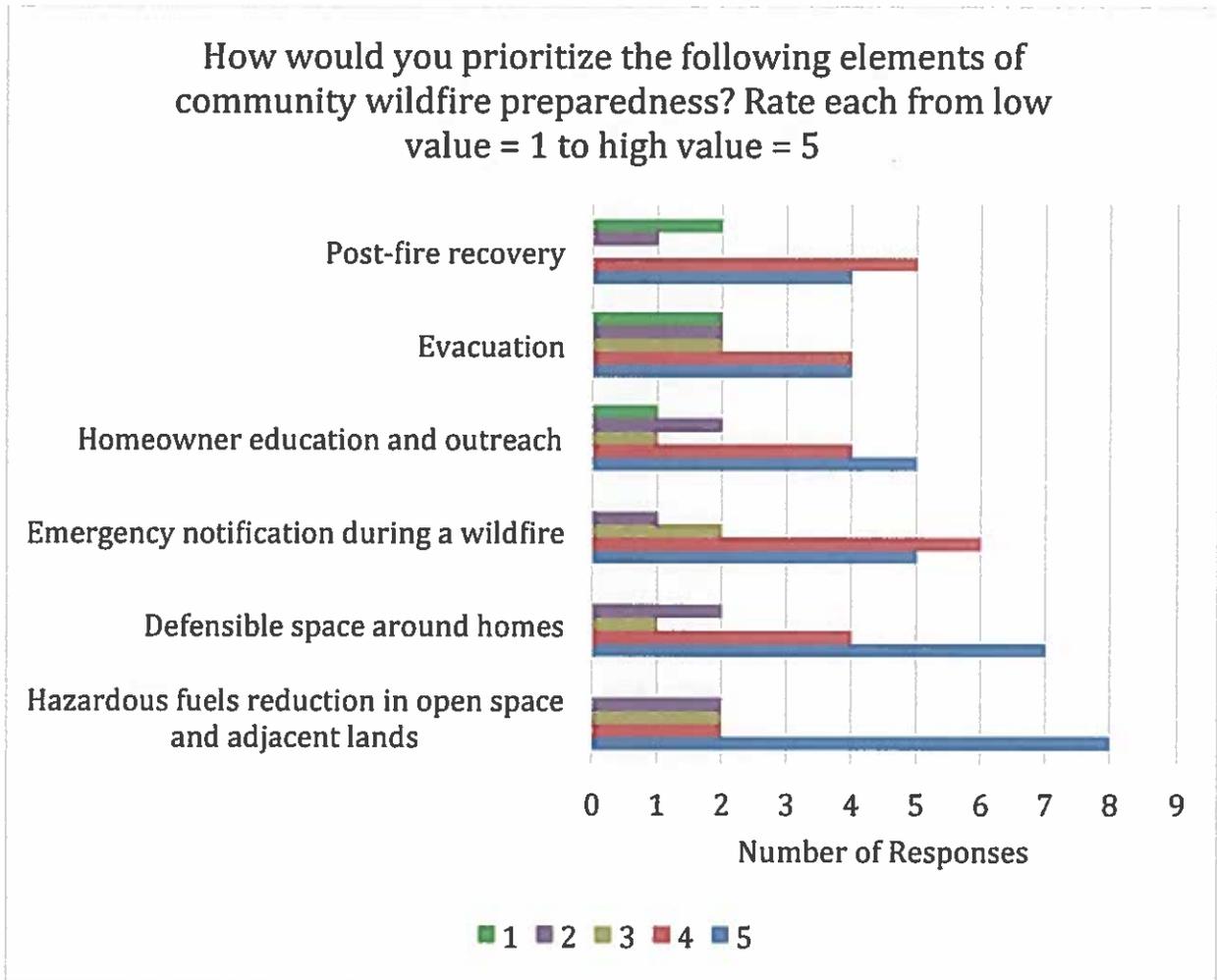
What are your concerns about fire threatening Angel Fire?  
Rate from low = 5 to high = 1



Damage to your home	32
Personal safety and the safety of family members	31
Loss of life	30
Economic disruption	31
Damage to watershed or water	31

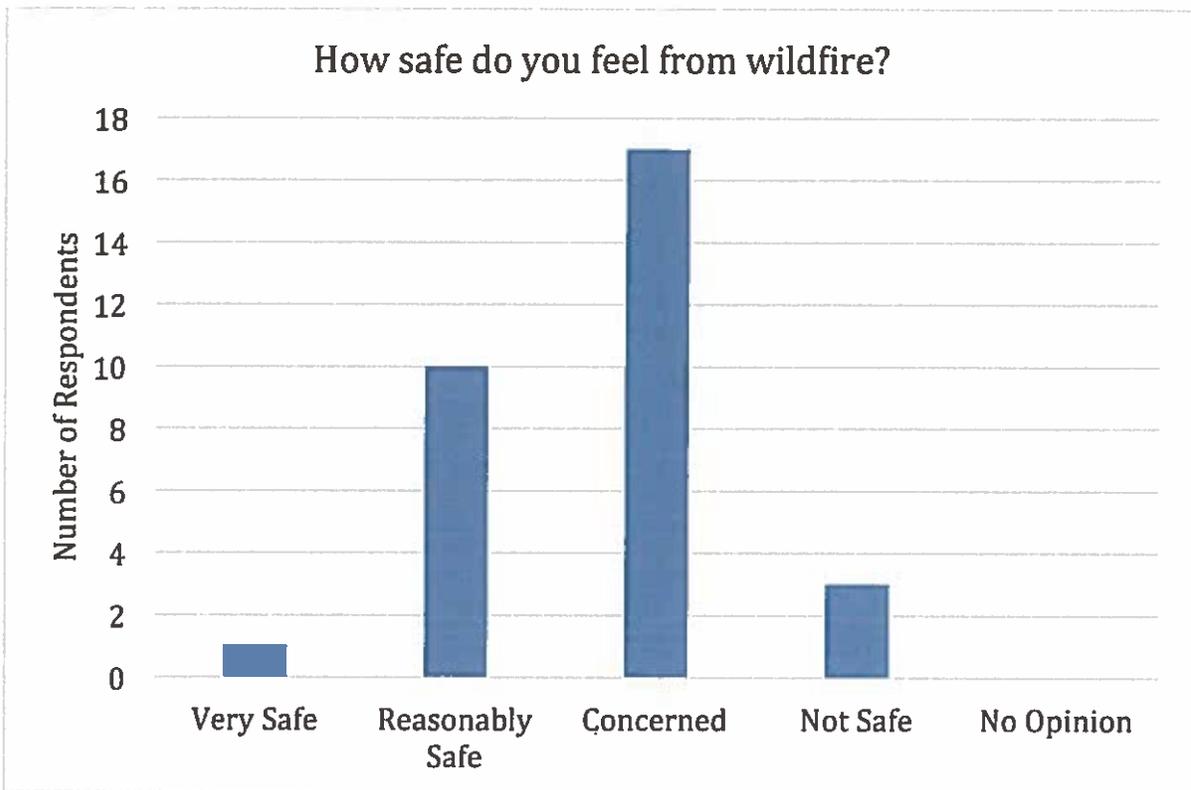


supply	
Post-fire erosion (or landslides)	30
Smoke impacts	31
Property value loss	31
Loss of insurability	30

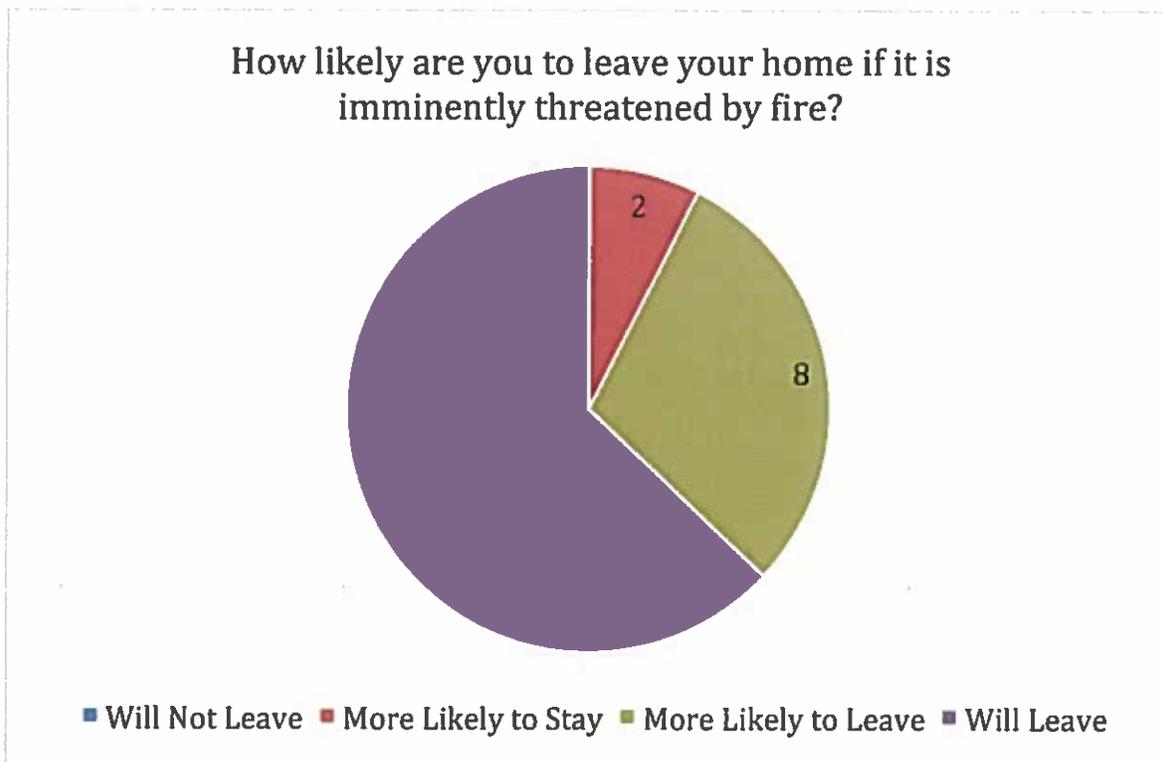


Hazardous fuels reduction in open space and adjacent lands	14
Defensible space around homes	14
Emergency notification during a wildfire	14
Homeowner education and outreach	13
Evacuation	14
Post-fire recovery	12





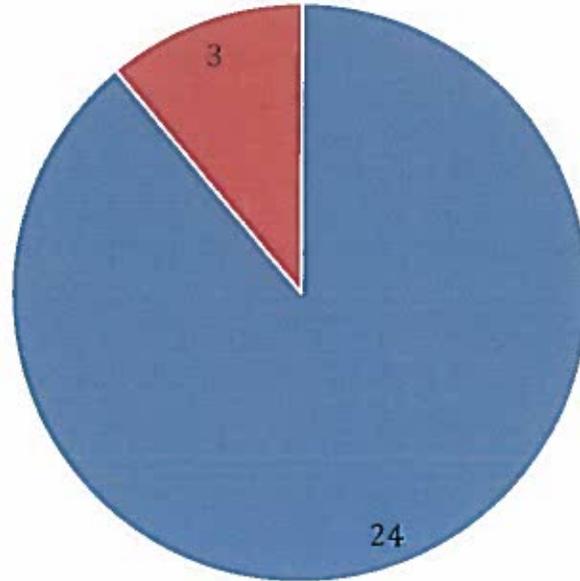
Number of respondents: 31



Number of respondents: 27



If you were to evacuate would you know which route to use?

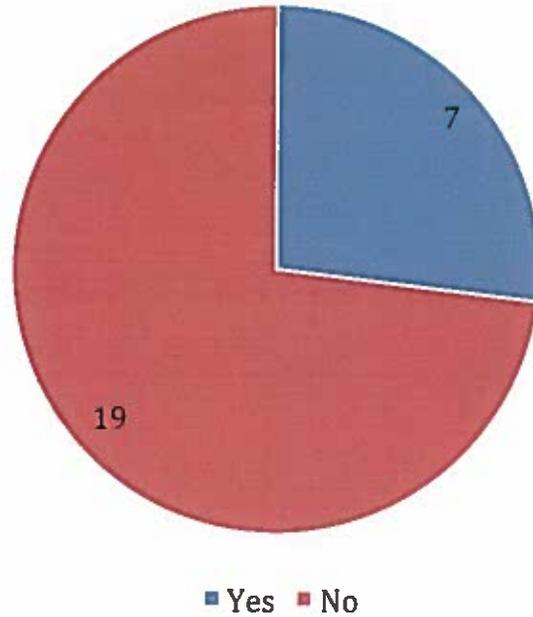


■ Yes ■ No

Number of respondents: 27



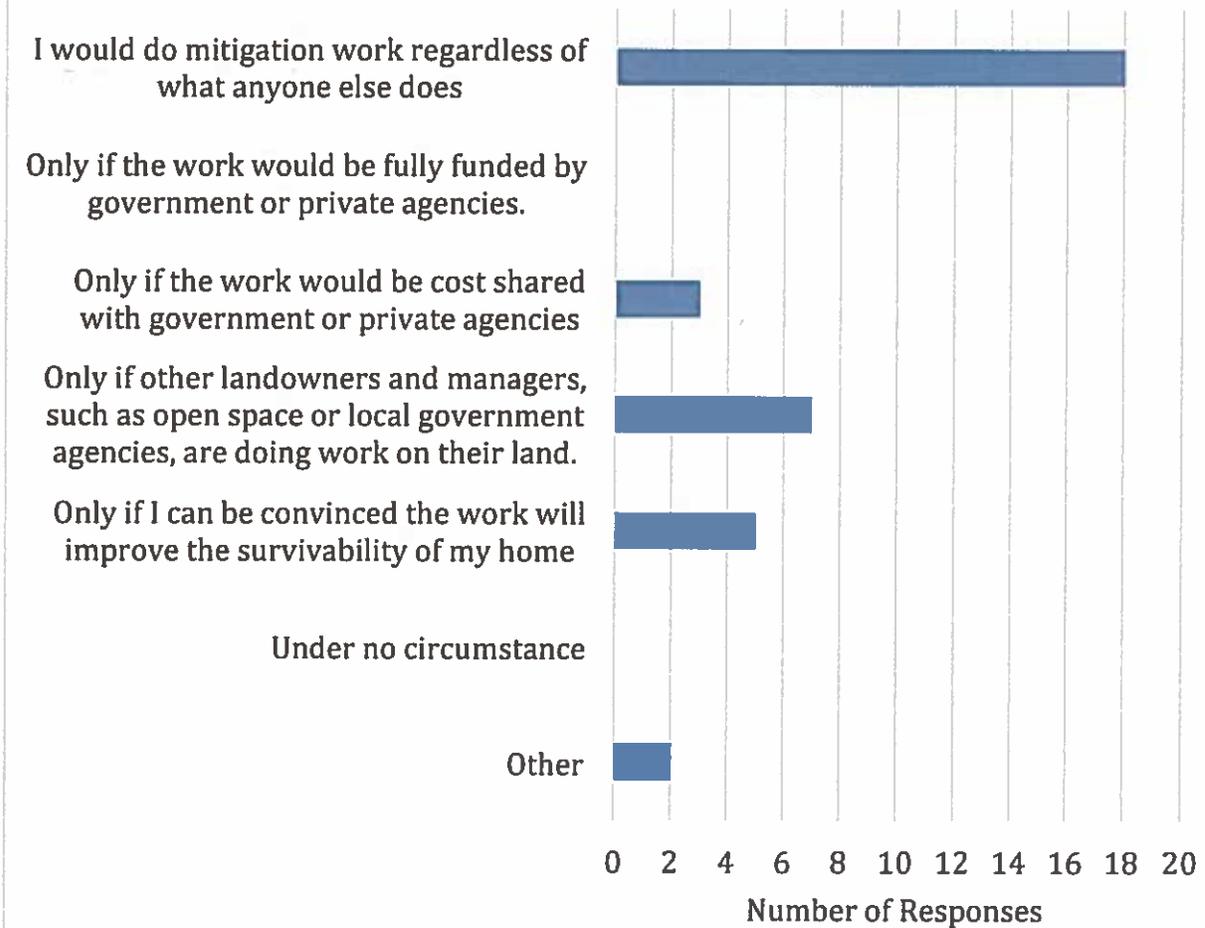
Do you have a prearranged meeting place for family members in the event of an evacuation?



Number of respondents: 26



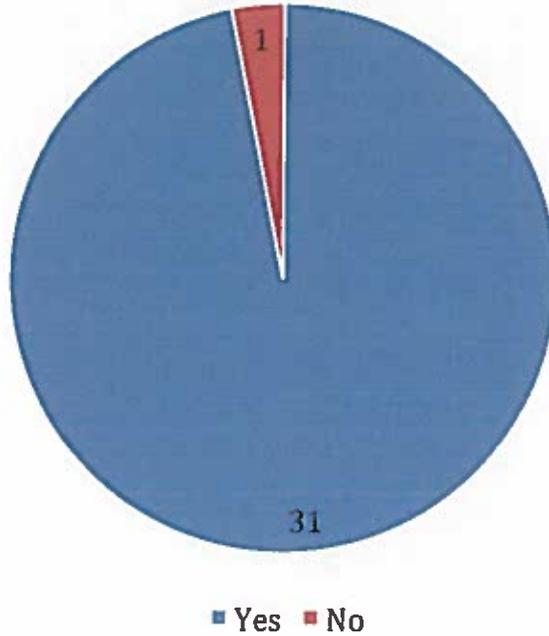
**Under which of the following conditions would you be willing to do mitigation work on your property?**



Number of respondents: 27



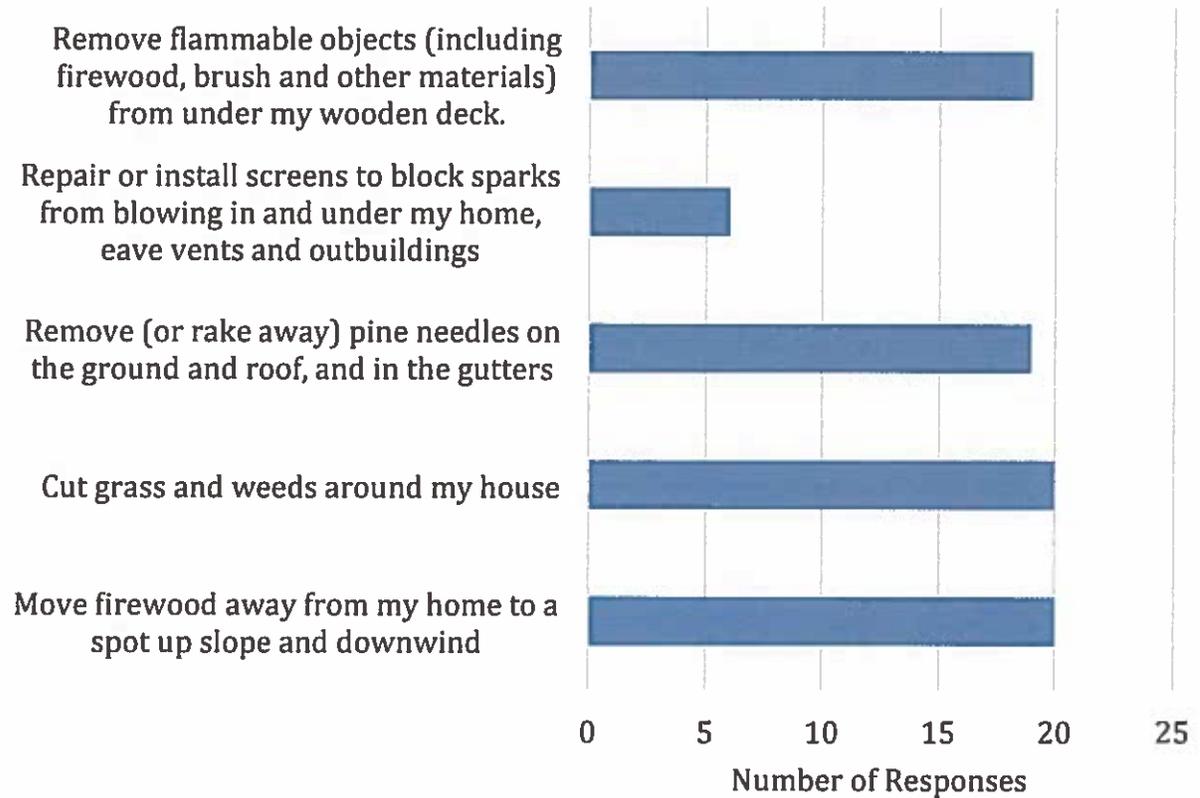
Are you aware of the free, community-sponsored slash (woody debris) pick-up program?



Number of respondents: 32



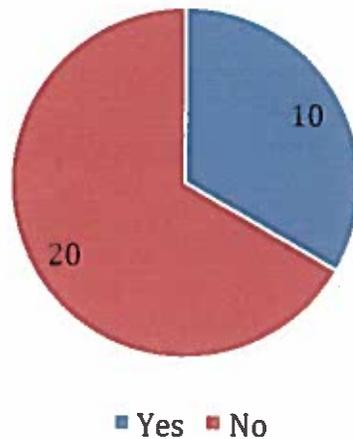
Which of the following mitigation actions do you do each spring to prepare for wildland fire season? Check all that apply.



Number of respondents: 28



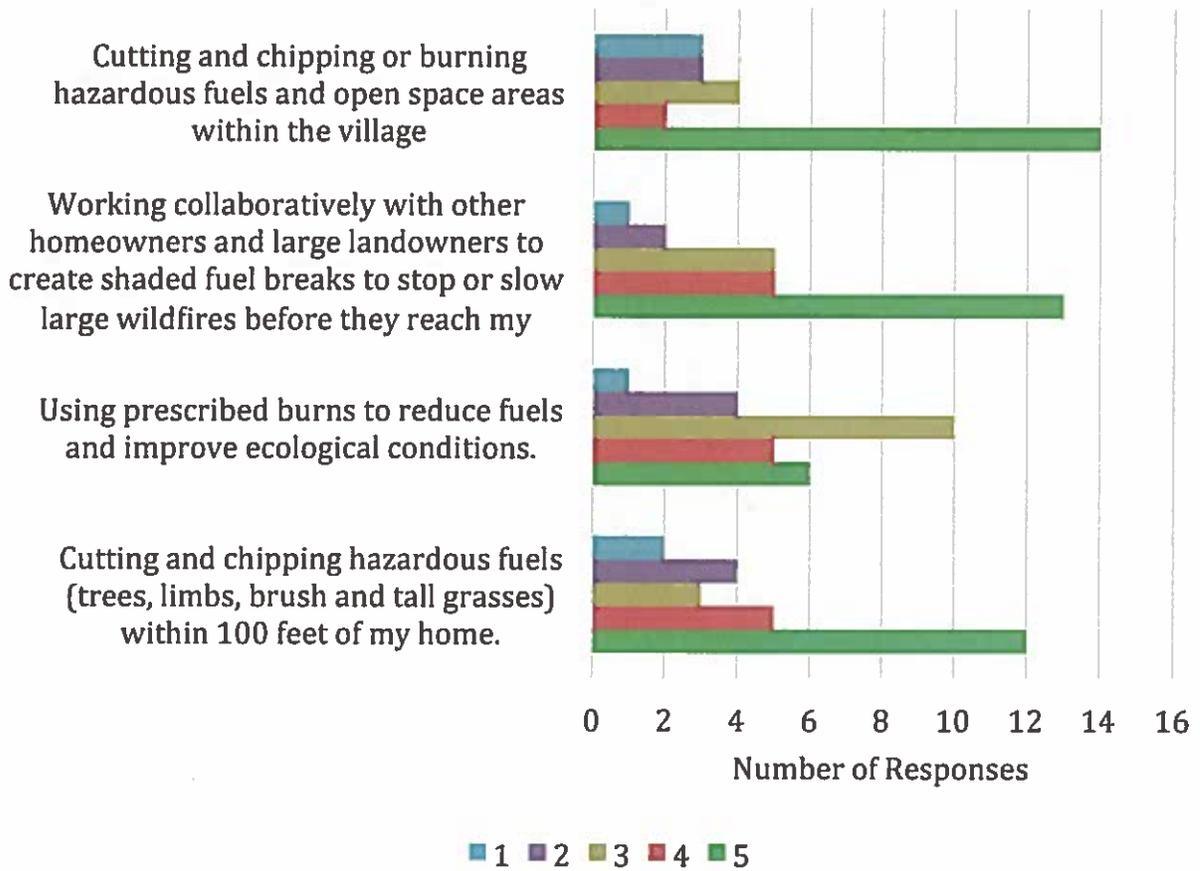
Would you join a volunteer organization that focuses on annual activities that remove hazardous fuels and manages mitigation activities in Angel Fire Green Spaces. If yes, please leave your name and contact information in the "other" option.



Number of respondents: 30



Rate your comfort level with the following activities. Rate from low = 1 to high =5



Number of respondents: 26



**COUNCIL AGENDA ITEM**  
**STAFF RECOMMENDATION**

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**MEETING DATE:** August 23, 2016

**TO:** Mayor / Council and Village Manager

**FROM:** Finance Department

**SUBJECT:** Resolution 2016-38 Approval of additional Year End Budget Adjustment Request

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**Background/Facts:** Attached are several Budget Adjustment Request forms containing several needed changes to the 2015-2016 fiscal budget. These changes are the result of unanticipated and unbudgeted revenues, expenses and intra-fund transfers that the Village has encountered in the fourth quarter of the year.

**Alternatives:** Had these expenditures and transfers not been made a reduction of service to the residents and guest of the Village of Angel Fire would have occurred. Several of the requested changes are due to emergency situations and the expenses have already been expended.

1) **Financial Impact and Review:**

**Financial Impact:** Yes

**Budgeted Item:** No

**Funding Source:** Some new revenues but primarily the carryover in cash.

**Finance Department Comments and Review:**

Because the 2015-2016 revenues exceeded the budget amounts the net result of these expenditures and intra-fund transfers will be a change in 2016-2017 carryover amounts in the applicable fund's cash balance.

  
Finance Manager's Signature

2) **Attached Documents:** Village of Angel Fire Year End Budget Adjustment Request Forms

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3) **Staff's Recommended Motion:** Motion and Second to approve.

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4) **Village Manager's Recommendation:**

Approval:  Disapproval:  other:

**Manager's Comments:**

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Signature: 

**VILLAGE OF ANGEL FIRE  
RESOLUTION 2016-38**

**A RESOLUTION APPROVING BUDGET ADJUSTMENT REQUESTS  
FOR THE FOURTH QUARTER OF THE 2016 FISCAL YEAR**

**WHEREAS**, the New Mexico Department of Finance and Administration requires that budget changes affecting the net revenues, expenses or intra-fund transfers of a department or fund be approved by the Council and

**WHEREAS**, the Village of Angel Fire has incurred several increases in budgeted revenues and expenses as well as unbudgeted intra-fund transfers in the fourth quarter of fiscal year 2016, and

**WHEREAS**, these changes in revenues and expense as well as unbudgeted intra-fund transfers must be reported as part of the fiscal year 2016 audit, and

**WHEREAS**, the purpose of these budget adjustment requests are to accurately reflect the revenues, expenditures and intra-fund transfers of the Village of Angel Fire.

**NOW, THEREFORE, BE IT RESOLVED** by the Governing Body of the Village of Angel Fire to approve the attached Budget Adjustment Request forms for the year end of fiscal year 2016:

**PASSED, ADOPTED AND APPROVED THIS 23<sup>rd</sup> DAY OF AUGUST, 2016.**

\_\_\_\_\_  
Barbara Cottam, MAYOR

ATTEST:

\_\_\_\_\_  
Terry Cordova, Village Clerk

COUNCIL AGENDA ITEM  
STAFF RECOMMENDATION

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MEETING DATE: August 23, 2016

TO: Mayor / Council and Village Manager

FROM: FINANCE DEPARTMENT

SUBJECT: Resolution 2016-39 Rescind Resolution 2016-32 and approve Resolution 2016-39 to change the name of the Wildland Fires Fund to FD Services Fund and to change the name of the First National Bank of New Mexico account ending in 2805 from Wildland Fires to FD Services.

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Background/Facts : In the Villages effort to better account for the non-emergency services provided by the Fire Department and to make the fund identity easier to understand we are requesting the permission to change the name of the fund used to report these non-emergency services from its current name of Wildland Fires Fund to the FD Services Fund. In making this change we will also need to change the name on the bank account associated with this fund.

Alternatives: Retain the current name.

1) Financial Impact and Review:

Financial Impact: No  
Budgeted Item: Yes  
Funding Source: N/A

Finance Department Comments and Review:

---

  
Finance Directors Signature

2) Attached Documents Resolution 2016-39 Approval to rescind Resolution 2016-32 and to approve Resolution 2016-39 to change the name of the Wildland Fires Fund to FD Services Fund and to change the name of the First National Bank of New Mexico account ending in 2805 from Wildland Fires to FD Services.

3) \_\_\_\_\_

4) Staff's Recommended Motion: Motion and Second to approve.

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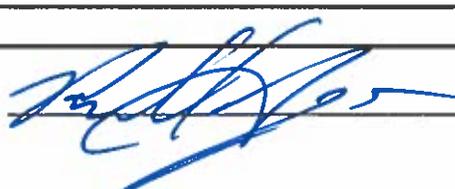
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5) Village Manager's Recommendation:

Approval:  Disapproval:  other:

Manager's Comments:

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Signature: 

By  
Wed - 17th  
Rescinded

STATE OF NEW MEXICO  
VILLAGE OF ANGEL FIRE  
RESOLUTION NO. 2016-32

ESTABLISHMENT

WHEREAS, the Governing Body for the Village of Angel Fire, State of New Mexico, has developed a budget for Fiscal Year 2016-2017: and

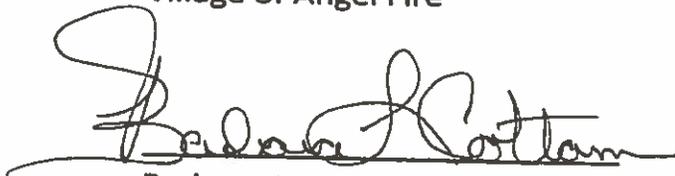
WHEREAS, it has been determined by the Finance Department that changing the name of the Wildland Fires Fund to the FD Services Fund and to change the name of the ~~International Bank~~ account [REDACTED] from Wildland Fires to FD Services will allow for better management of the revenue received by these funds: and

WHEREAS, it is hereby certified that the contents in this resolution are true and correct to the best of our knowledge and that this resolution complies with the policies of the Village of Angel Fire.

NOW THEREFORE, BE IT HEREBY RESOLVED that the governing body of the Village of Angel Fire, State of New Mexico, hereby approves the changing the name of the Wildland Fires Fund to the FD Services Fund and to change the name of the ~~International Bank~~ account 522805 from Wildland Fires to FD Services and respectfully requests approval from the Local Government of the Department of Finance and Administration.

Resolved: In the Regular Council Session the 26<sup>th</sup> day of July, 2016.

Village of Angel Fire



Barbara Cottam, Mayor

ATTEST:



Terry Cordova, Village Clerk

**IT'S TIME TO REORDER YOUR CHECKS**

**VILLAGE OF ANGEL FIRE  
WILDLAND FIRES FUND  
PO BOX 610  
ANGEL FIRE, NM 87710  
575 377-3232**

Delivery address (if different from Imprint Information)



⑆ 10 2201040⑆

To view, or reorder other check styles, please visit us online.

Starting Number For Your Next Order:

WTV 1151 95-104/1022

Reorder online at

[www.whicochecks.com](http://www.whicochecks.com)

Please verify information and  
make necessary changes

CHECK QUANTITY NEEDED

150 \_\_\_\_\_ 300 \_\_\_\_\_ 600 \_\_\_\_\_

WALLET CHECK - CHARGE MY ACCOUNT

2 SIGNATURES REQUIRED

**VILLAGE OF ANGEL FIRE  
WILDLAND FIRES FUND  
PO BOX 610  
ANGEL FIRE, NM 87710  
575 377-3232**



**Check Pad**

**#5**

95-104/1022

2 SIGNATURES REQUIRED

**STATE OF NEW MEXICO  
VILLAGE OF ANGEL FIRE  
RESOLUTION NO. 2016-39**

**ESTABLISHMENT**

**WHEREAS**, the Governing Body for the Village of Angel Fire, State of New Mexico, has developed a budget for Fiscal Year 2016-2017: and

**WHEREAS**, it has been determined by the Finance Department that changing the name of the Wildland Fires Fund to the FD Services Fund and to change the name of the First National Bank of New Mexico account ending in 2805 from Wildland Fires to FD Services will allow for better management of the revenue received by these funds: and

**WHEREAS**, it is hereby certified that the contents in this resolution are true and correct to the best of our knowledge and that this resolution complies with the policies of the Village of Angel Fire.

**NOW THEREFORE, BE IT HEREBY RESOLVED** that the governing body of the Village of Angel Fire, State of New Mexico, hereby approves the changing the name of the Wildland Fires Fund to the FD Services Fund and to change the name of the First National Bank of New Mexico account ending in 2805 from Wildland Fires to FD Services and respectfully requests approval from the Local Government of the Department of Finance and Administration.

Resolved: In the Regular Council Session the 23<sup>rd</sup> day of **August, 2016**.

Village of Angel Fire

\_\_\_\_\_  
Barbara Cottam, Mayor

ATTEST:

\_\_\_\_\_  
Terry Cordova, Village Clerk

COUNCIL AGENDA ITEM

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**MEETING DATE:** August 23, 2016  
**TO:** Mayor, Council and Village Administrator  
**FROM:** Bret E. Wier, Finance Manager  
**SUBJECT:** **FIRST READING OF BOND ORDINANCE-REFINANCE OF WATER / WASTEWATER LOAN FROM USDA to NMFA**

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1. **Background/Facts:**  
1<sup>st</sup> Reading authorizing the issuance of the Village of Angel Fire Revenue Bond Series 2016, in the principal amount not to exceed \$7,300,000 for the purpose of refinancing the loans taken in 1998, 1999 and 2007 that were used for extensions and improvements to the Villages water and wastewater lines within the Villages Joint Utility system. Providing that the bonds will be payable and collectible solely from net revenues to be derived from the operation of the Villages Joint Utility System.

**Alternatives:**  
No action taken, First Reading

2. **Financial Impact Review:**  
**Budgeted Item:** YES  
**Funding Source:** Utility Fund Revenues  
**Budget Impact:** This will save over \$1,200,000 in interest expense of the life of the loan.  
**Finance Department Review:** This is an important part of our debt restructuring plan.

  
Finance Manager's Signature

- 1) **Attached Documents:** Ordinance, Public Notice of Intent to Adopt Ordinance

- 
- 2) **Staff's Recommended Motion:** Motion and Second to approve.
- 

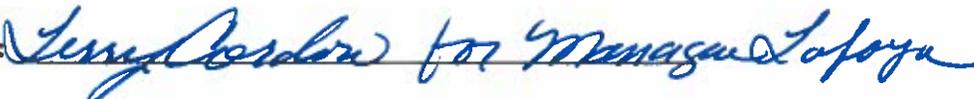
- 3) **Village Manager's Recommendation:**

Approval:   *X*   Disapproval: \_\_\_\_\_ other: \_\_\_\_\_

Manager's Comments:

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Signature: 

VILLAGE OF ANGEL FIRE, NEW MEXICO  
ORDINANCE NO. \_\_\_\_\_

AN ORDINANCE AUTHORIZING THE EXECUTION AND DELIVERY OF A LOAN AGREEMENT BY AND BETWEEN THE VILLAGE OF ANGEL FIRE, NEW MEXICO AND THE NEW MEXICO FINANCE AUTHORITY, EVIDENCING A SPECIAL, LIMITED OBLIGATION OF THE VILLAGE TO PAY A PRINCIPAL AMOUNT NOT TO EXCEED \$7,300,000, TOGETHER WITH INTEREST THEREON, FOR THE PUPOSES OF PAYING THE COSTS OF (1) REFUNDING, REFINANCING, PAYING AND DISCHARGING THE VILLAGE'S (A) JOINT UTILITY IMPROVEMENT REVENUE BONDS, SERIES 2007, (B) WATER SYSTEM AND WASTEWATER SYSTEM REVENUE BONDS, SERIES 1998 AND (C) WATER SYSTEM AND WASTEWATER SYSTEM REVENUE BONDS, SERIES 1999, (2) FUNDING A LOAN AGREEMENT RESERVE ACCOUNT, AND (3) PAYING COSTS OF ISSUANCE OF THE LOAN, INCLUDING A PROCESSING FEE; PRESCRIBING OTHER DETAILS CONCERNING THE LOAN AND THE FUNDS APPERTAINING THERETO; APPROVING THE FORMS AND TERMS OF THE LOAN AGREEMENT AND OTHER DETAILS CONCERNING THE LOAN AGREEMENT; RATIFYING ACTIONS HERETOFORE TAKEN; REPEALING ALL ACTION INCONSISTENT WITH THIS ORDINANCE; AND AUTHORIZING THE TAKING OF OTHER ACTIONS IN CONNECTION WITH THE EXECUTION AND DELIVERY OF THE LOAN AGREEMENT.

Capitalized terms used in the following recitals have the same meaning as defined in Section 1 of this Ordinance unless the context requires otherwise.

WHEREAS, the Governmental Unit is a legally and regularly created, established, organized and existing municipality under the general laws of the State; and

WHEREAS, the Governmental Unit has determined to refund the Refunded Bonds with the proceeds of the Loan to effect debt service savings and other economies for the Governmental Unit and its citizens (the "Project"); and

WHEREAS, the Governmental Unit is a qualified entity under the New Mexico Finance Authority Act, Sections 6-21-1 through 6-21-31, NMSA 1978, and the Governing Body is authorized to borrow funds for financing of public projects or for refinancing of outstanding bonds for the benefit of the Governmental Unit; and

WHEREAS, the Governing Body has determined and hereby determines that the Project may be financed with amounts borrowed under the Loan Agreement and that it is in the best interests of the Governmental Unit and its residents that the Loan Agreement be executed and delivered and that the financing of the Project take place by executing and delivering the Loan Agreement; and

WHEREAS, the Governmental Unit may use the Pledged Revenues to finance the Project and the Project will result in debt service savings and other economies for the Governmental Unit; and

WHEREAS, the Governing Body has determined that it may lawfully pledge the Net Revenues of the System for the payment of amounts due under the Loan Agreement; and

WHEREAS, other than as described on Exhibit "A" to the Loan Agreement, the Pledged Revenues have not been pledged or hypothecated in any manner or for any purpose to secure the payment of any obligation which is currently outstanding; and

WHEREAS, the Loan Agreement shall be a special, limited obligation of the Governmental Unit, payable solely from the Pledged Revenues and shall not constitute a general obligation of the Governmental Unit, or a debt or pledge of the faith and credit of the Governmental Unit or the State; and

WHEREAS, the Loan Agreement shall be executed and delivered pursuant to the Act with an irrevocable first lien, but not necessarily an exclusive first lien, on the Pledged Revenues; and

WHEREAS, there have been presented to the Governing Body and there presently are on file with the Village Clerk this Ordinance and the form of the Loan Agreement, which is incorporated by reference and considered to be a part hereof; and

WHEREAS, the Governing Body hereby determines that the projects financed with the Refunded Bonds have been and are to be used for governmental purposes of the Governmental Unit and will not be used for purposes which would cause the Loan Agreement to be deemed a "private activity bond" as defined by the Internal Revenue Code of 1986, as amended; and

WHEREAS, all required authorizations, consents and approvals in connection with (i) the use and pledge of the Pledged Revenues to the Finance Authority (or its assigns) for the payment of the amounts due under the Loan Agreement, (ii) the use of the proceeds of the Loan Agreement to finance the Project, and (iii) the authorization, execution and delivery of the Loan Agreement which are required to have been obtained by the date of this Ordinance, have been obtained or are reasonably expected to be obtained.

NOW, THEREFORE, BE IT ORDAINED BY THE GOVERNING BODY OF THE VILLAGE OF ANGEL FIRE THAT:

Section 1. Definitions. As used in the Ordinance, the following terms shall, for all purposes, have the meanings herein specified, unless the context clearly requires otherwise (such meanings to be equally applicable to both the singular and the plural forms of the terms defined):

"Act" means the general laws of the State, including Sections 3-31-1 through 3-31-12 NMSA 1978, as amended, and enactments of the Governing Body relating to the Loan Agreement, including this Ordinance.

"Aggregate Annual Debt Service Requirement" means the total principal and interest payments due and payable pursuant to the Loan Agreement and on all Parity Obligations secured by a pledge of any of the Pledged Revenues for any one Fiscal Year.

"Authorized Officers" means the Mayor, Manager, Finance Manager, and Clerk of the Governmental Unit.

“Bonds” means public project revolving fund revenue bonds, if any, issued hereafter by the Finance Authority to fund or reimburse the Loan Agreement.

“Closing Date” means the date of execution, delivery and funding of the Loan Agreement.

“Code” means the Internal Revenue Code of 1986, as amended, and the applicable regulations thereunder.

“Completion Date” means the date of final payment of the cost of the Project.

“Expenses” means the cost of execution of the Loan Agreement and the costs of issuance of the Bonds, if any, and the periodic and regular fees and expenses incurred by the Finance Authority in administering the Loan Agreement, including legal fees.

“Finance Authority” means the New Mexico Finance Authority.

“Finance Authority Debt Service Account” means the debt service account in the name of the Governmental Unit established under the Indenture and held by the Finance Authority to pay principal and interest on the Loan Agreement as the same become due.

“Finance Authority Loan Agreement Reserve Account” means the loan agreement reserve account in the name of the Governmental Unit established under the Indenture, funded from the proceeds of the Loan Agreement or by the Governmental Unit, and administered by the Trustee pursuant to the Indenture.

“Finance Authority Loan Agreement Reserve Requirement” means the amount shown as the Loan Agreement Reserve Account Deposit on the Term Sheet attached as Exhibit “A” to the Loan Agreement, which amount shall not to exceed the least of (i) ten percent (10%) of the Loan Agreement Principal Amount, (ii) 125% of the average annual principal and interest requirements under the Loan Agreement, or (iii) the maximum annual principal and interest requirements under the Loan Agreement.

“Fiscal Year” means the period commencing on July 1 in each calendar year and ending on the last day of June of the next succeeding calendar year, or any other twelve-month period which any appropriate authority may hereafter establish for the Governmental Unit as its fiscal year.

“Governing Body” means the Village Council of the Governmental Unit, or any future successor governing body of the Governmental Unit.

“Governmental Unit” means the Village of Angel Fire, New Mexico.

“Herein,” “hereby,” “hereunder,” “hereof,” “hereinabove” and “hereafter” refer to the entire Ordinance and not solely to the particular section or paragraph of the Ordinance in which such word is used.

“Indenture” means the General Indenture of Trust and Pledge dated as of June 1, 1995, as amended and supplemented, by and between the Finance Authority and the Trustee, as successor trustee, or the Subordinated General Indenture of Trust and Pledge dated as of March 1, 2005, as supplemented, by and between Finance Authority and the Trustee, as successor trustee, as

determined by the Finance Authority pursuant to a Pledge Notification or Supplemental Indenture (as defined in the Indenture).

“Loan” means the funds to be loaned to the Governmental Unit by the Finance Authority pursuant to the Loan Agreement.

“Loan Agreement” means the Loan Agreement dated the Closing Date between the Finance Authority and the Governmental Unit which provides for the financing of the Project and requires payments by or on behalf of the Governmental Unit to the Finance Authority.

“Loan Agreement Payment” means, collectively, the Principal Component and the Interest Component to be paid by the Governmental Unit as payment of the Loan Agreement as shown on Exhibit “B” thereto.

“Loan Agreement Payment Date” means each date a payment is due on the Loan Agreement as shown on Exhibit “B” thereto.

“Loan Agreement Principal Amount” means the original principal amount of the Loan Agreement as shown on the Term Sheet.

“Net Revenues of the System” means the gross revenues of the System less Operation and Maintenance Expenses.

“NMSA 1978” means the New Mexico Statutes Annotated, 1978 compilation, as amended and supplemented.

“Operation and Maintenance Expenses” means all reasonable and necessary current expenses of the Village, paid or accrued, of operating, maintaining and repairing the System, and shall include without limiting the generality of the foregoing, insurance premiums, reasonable charges of depository banks, paying agents and bond registrars, contractual services, professional services required by this Ordinance, salaries and system administrative expenses, labor, cost of materials and supplies used for current operations, legal and overhead expenses of the various Village departments directly related and reasonably allocable to the administration of the System, but shall not include any allowance for depreciation, liabilities incurred by the Village as the result of negligence in the operation of the System, costs of improvements, extensions, enlargements or betterments, or any charges for the accumulation of reserves for capital replacements.

“Ordinance” means this Ordinance No. \_\_\_\_\_ as adopted by the Governing Body on September 20, 2016, approving the Loan Agreement and pledging the Pledged Revenues to the payment of the Loan Agreement, as amended from time to time.

“Parity Obligations” means the Loan Agreement and any other obligations, now or hereafter issued or incurred, payable from or secured by a lien or pledge of the Pledged Revenues and issued with a lien on the Pledged Revenues on parity with the Loan Agreement, including those obligations described on the Term Sheet, if any.

“Pledged Revenues” means the Net Revenues of the System.

“Processing Fee” means the processing fee to be paid by the Governmental Unit on the Closing Date to the Finance Authority for the costs of originating and servicing the Loan, as shown on the Term Sheet.

“Program Account” means the account in the name of the Governmental Unit established pursuant to the Indenture and held by the Trustee for the deposit of the net proceeds of the Loan Agreement for disbursement to the Governmental Unit for payment of the costs of the Project.

“Project” means the project described in the Term Sheet.

“Refunded Bonds” means the Series 2007 Bonds, Series 1999 Bonds and Series 1998 Bonds maturing on and after September 1, 2016.

“Series 1998 Bonds” means the “Village of Angel Fire, New Mexico Water System and Wastewater System Revenue Bonds, Series 1998.”

“Series 1999 Bonds” means the “Village of Angel Fire, New Mexico Water System and Wastewater System Revenue Bonds, Series 1999.”

“Series 2007 Bonds” means the “Village of Angel Fire, New Mexico Joint Utility System Improvement Revenue Bonds, Series 2007.”

“State” means the State of New Mexico.

“System” means the municipally owned public utility designated as the Village's joint water and wastewater system, consisting of all properties, real, personal, mixed or otherwise, now owned or hereafter acquired by the Village through purchase, construction or otherwise, and used in connection with the water system and wastewater system of the Village, and in any way appertaining thereto, whether situated within or without the limits of the Village.

“Term Sheet” means Exhibit “A” to the Loan Agreement.

“Trustee” means the BOKF, NA, or any successor trustee company, national or state banking association or financial institution at the time appointed Trustee by the Finance Authority.

Section 2. Ratification. All action heretofore taken (not inconsistent with the provisions of this Ordinance) by the Governing Body and officers of the Governmental Unit directed toward the Project and the execution and delivery of the Loan Agreement, be, and the same hereby are, ratified, approved and confirmed.

Section 3. Authorization of the Project and the Loan Agreement. The Project and the method of financing the Project through execution and delivery of the Loan Agreement are hereby authorized and ordered. The Project is for the benefit of the Governmental Unit.

Section 4. Findings. The Governmental Unit hereby declares that it has considered all relevant information and data and hereby makes the following findings:

A. The Project is needed to meet the needs of the Governmental Unit and its residents and the issuance, execution and delivery of the Loan Agreement is necessary and advisable.

B. Moneys available and on hand for the Project from all sources other than the Loan are not sufficient to defray the cost of the Project.

C. The Pledged Revenues may lawfully be pledged to secure the payment of amounts due under the Loan Agreement.

D. It is economically feasible to defray, in whole or in part, the costs of the Project by the execution and delivery of the Loan Agreement.

E. The Project and the execution and delivery of the Loan Agreement pursuant to the Act to provide funds for the financing of the Project are necessary and in the interest of the public health, safety, and welfare of the residents of the Governmental Unit and the Project will result in debt service savings and other economies for the Governmental Unit.

F. The Governmental Unit will finance the Project, in whole or in part, with the net proceeds of the Loan.

G. Other than as described in the Term Sheet, the Governmental Unit does not have any outstanding obligations payable from Pledged Revenues which it has incurred or will incur prior to the initial execution and delivery of the Loan Agreement.

H. The net effective interest rate on the Loan does not exceed twelve percent (12.0%) per annum, which is the maximum rate permitted by State law.

#### Section 5. Loan Agreement - Authorization and Detail.

A. Authorization. This Ordinance has been adopted by the affirmative vote of a majority of all of the members of the Governing Body. For the purpose of protecting the public health, conserving the property, protecting the general welfare and prosperity of the residents of the Governmental Unit and completing the Project, it is hereby declared necessary that the Governmental Unit, pursuant to the Act, execute and deliver the Loan Agreement evidencing a special, limited obligation of the Governmental Unit to pay a principal amount not to exceed \$7,300,000, plus interest, and the execution and delivery of the Loan Agreement is hereby authorized. The Governmental Unit shall use the proceeds of the Loan to (i) finance the Project, (ii) fund the Finance Authority Loan Agreement Reserve Account, (iii) make a deposit to the Finance Authority Debt Service Account, and (iv) pay the Processing Fee and Expenses.

B. Detail. The Loan Agreement shall be in substantially the form presented at the meeting of the Governing Body at which this Ordinance was adopted. The Loan shall be in an aggregate principal amount not to exceed \$7,300,000, shall be payable in installments of principal due on \_\_\_\_\_ 1 of the years designated in Exhibit "B" to the Loan Agreement and bear interest payable on \_\_\_\_\_ 1 and \_\_\_\_\_ 1 of each year, commencing on \_\_\_\_\_ 1, 2017 at the rates designated in Exhibit "B" to the Loan Agreement.

Section 6. Approval of Loan Agreement. The form of the Loan Agreement as presented at the meeting of the Governing Body at which this Ordinance was adopted is hereby approved. Authorized Officers are hereby individually authorized to execute, acknowledge and deliver the Loan Agreement with such changes, insertions and omissions as may be approved by such individual Authorized Officers, and the Clerk is hereby authorized to affix the seal of the Governmental Unit on the Loan Agreement and attest the same. The execution of the Loan Agreement by an Authorized Officer shall be conclusive evidence of such approval.

Section 7. Special Limited Obligation. The Loan Agreement shall be secured by the pledge of the Pledged Revenues as set forth in the Loan Agreement and shall be payable solely from the Pledged Revenues. The Loan Agreement, together with interest thereon and other obligations of the Governmental Unit thereunder, shall be a special, limited obligation of the Governmental Unit, payable solely from the Pledged Revenues as provided in this Ordinance and the Loan Agreement and shall not constitute a general obligation of the Governmental Unit or the State, and the holders of the Loan Agreement may not look to any general or other fund of the Governmental Unit for payment of the obligations thereunder. Nothing contained in this Ordinance or in the Loan Agreement, or any other instruments, shall be construed as obligating the Governmental Unit (except with respect to the application of the Pledged Revenues), as incurring a pecuniary liability or a charge upon the general credit of the Governmental Unit or against its taxing power, nor shall a breach of any agreement contained in this Ordinance, the Loan Agreement, or any other instrument impose any pecuniary liability upon the Governmental Unit or any charge upon its general credit or against its taxing power. The Loan Agreement shall never constitute an indebtedness of the Governmental Unit within the meaning of any State constitutional provision or statutory limitation and shall never constitute or give rise to a pecuniary liability of the Governmental Unit or a charge against its general credit or taxing power. Nothing herein shall prevent the Governmental Unit from applying other funds of the Governmental Unit legally available therefor to payments required by the Loan Agreement, in its sole and absolute discretion.

Section 8. Disposition of Proceeds: Completion of the Project.

A. Program Account, Finance Authority Debt Service Account and Finance Authority Loan Agreement Reserve Account. The Governmental Unit hereby consents to creation of the Finance Authority Debt Service Account to be held and maintained by the Finance Authority and to the Program Account and Finance Authority Loan Agreement Reserve Account to be held and maintained by the Trustee pursuant to the Indenture, each in connection with the Loan. The Governmental Unit hereby approves: (i) the deposit of a portion of the proceeds of the Loan Agreement in the Program Account and the Finance Authority Debt Service Account; (ii) the deposit of funds in the amount of the Finance Authority Loan Agreement Reserve Requirement in the Finance Authority Loan Agreement Reserve Account as set forth in Exhibit "A" to the Loan Agreement; and (iii) the payment of the Processing Fee to the Finance Authority, all as set forth in the Term Sheet.

The proceeds derived from the execution and delivery of the Loan Agreement shall be deposited promptly upon the receipt thereof in the Finance Authority Debt Service Account and the Program Account and Finance Authority Loan Agreement Reserve Account, and the Processing Fee shall be paid to the Finance Authority, all as provided in the Loan Agreement and the Indenture.

Until the Completion Date, the money in the Program Account shall be used and paid out solely for the Project in compliance with applicable law and the provisions of the Loan Agreement and the Indenture.

The Governmental Unit will complete the Project with all due diligence.

B. Completion of the Project. As soon as practicable after the Completion Date, and, in any event, not more than sixty (60) days from the Completion Date, any balance remaining in the Program Account shall be transferred and deposited into the Finance Authority Debt Service Account, as provided in the Loan Agreement and the Indenture.

C. Finance Authority and Trustee Not Responsible. The Finance Authority and the Trustee shall in no manner be responsible for the application or disposal by the Governmental Unit or by its officers of the funds derived from the Loan Agreement or of any other funds herein designated.

Section 9. Deposit of Pledged Revenues, Distributions of the Pledged Revenues and Flow of Funds.

A. Deposit of Pledged Revenues. The Governmental Unit shall pay Pledged Revenues to the Finance Authority for deposit in the Finance Authority Debt Service Account and remittance to the Trustee in an amount sufficient to pay the Loan Agreement Payments, including an amount sufficient to cure any deficiencies in the Finance Authority Loan Agreement Reserve Account to maintain the Finance Authority Loan Agreement Reserve Requirement.

B. Termination on Deposits to Maturity. No payment shall be made into the Finance Authority Debt Service Account if the amount in the Finance Authority Debt Service Account and Finance Authority Loan Agreement Reserve Account total a sum at least equal to the entire aggregate amount to become due as to principal and interest, on, and any other amounts due under, the Loan Agreement in which case moneys in such account in an amount at least equal to such principal and interest requirements shall be used solely to pay such obligations as the same become due, and any moneys in excess thereof in such accounts shall be transferred to the Governmental Unit and used as provided below.

C. Use of Surplus Revenues. After making all the payments hereinabove required to be made by this Section, any moneys remaining in the Finance Authority Debt Service Account shall be transferred to the Governmental Unit on a timely basis and shall be applied to any other lawful purpose, including, but not limited to, the payment of any Parity Obligations or bonds or obligations subordinate and junior to the Loan Agreement, or other purposes authorized by the Governmental Unit, the Constitution and laws of the State, as the Governmental Unit may from time to time determine.

Section 10. Lien on Pledged Revenues. Pursuant to the Loan Agreement, the Pledged Revenues are hereby authorized to be pledged to, and are hereby pledged, and the Governmental Unit grants a security interest therein for, the payment of the principal, interest, and any other amounts due under the Loan Agreement subject to the uses thereof permitted by and the priorities set forth in this Ordinance. The Loan Agreement constitutes an irrevocable and first lien, but not necessarily an exclusive first lien, on the Pledged Revenues with the lien thereon of the Parity

Obligations as set forth herein and in the Loan Agreement. The Governmental Unit shall not create a lien on the Pledged Revenues superior to that of the Loan Agreement.

Section 11. Authorized Officers. Authorized Officers are hereby individually authorized and directed to execute and deliver any and all papers, instruments, opinions, affidavits and other documents and to do and cause to be done any and all acts and things necessary or proper for carrying out this Ordinance, the Loan Agreement, and all other transactions contemplated hereby and thereby. Authorized Officers are hereby individually authorized to do all acts and things required of them by this Ordinance and the Loan Agreement for the full, punctual and complete performance of all the terms, covenants and agreements contained in this Ordinance and the Loan Agreement, including but not limited to, the execution and delivery of closing documents in connection with the execution and delivery of the Loan Agreement, and the publication of the summary of this Ordinance set out in Section 18 of this Ordinance (with such changes, additions and deletions as may be necessary).

Section 12. Amendment of Ordinance. Prior to the date of the initial delivery of the Loan Agreement to Finance Authority, the provisions of this Ordinance may be supplemented or amended by ordinance or resolution of the Governing Body with respect to any changes which are not inconsistent with the substantive provisions of this Ordinance. This Ordinance may be amended by ordinance of the Governing Body without receipt by the Governmental Unit of any additional consideration, but only with the prior written consent of the Finance Authority.

Section 13. Ordinance Irrepealable. After the Loan Agreement has been executed and delivered, this Ordinance shall be and remain irrepealable until all obligations due under the Loan Agreement shall be fully paid, canceled and discharged, as provided therein.

Section 14. Severability Clause. If any section, paragraph, clause or provision of this Ordinance shall for any reason be held to be invalid or unenforceable, the invalidity or unenforceability of such section, paragraph, clause or provision shall not affect any of the remaining provisions of this Ordinance.

Section 15. Repealer Clause. All bylaws, orders, resolutions and ordinances, or parts thereof, inconsistent herewith are hereby repealed to the extent only of such inconsistency. This repealer shall not be construed to revive any bylaw, order, resolution or ordinance, or part thereof, heretofore repealed.

Section 16. Redemption of the Refunded Bonds. The Governmental Unit hereby elects to optionally redeem the Refunded Bonds on October 28, 2016 in accordance with the provisions of the ordinance authorizing issuance of the Refunded Bonds. The redemption of the Refunded Bonds is expected to be contemporaneous with the execution and delivery of the Loan Agreement.

Section 17. Effective Date. Upon due adoption of this Ordinance, it shall be recorded in the book of the Governmental Unit kept for that purpose, authenticated by the signatures of the Mayor and the Clerk of the Governmental Unit, and the title and general summary of the subject matter contained in this Ordinance (set out in Section 18 below) shall be published in a newspaper which maintains an office and is of general circulation in the Governmental Unit, or posted in accordance with law, and such Ordinance shall be in full force and effect thereafter, in accordance with law.

Section 18. General Summary for Publication. Pursuant to the general laws of the State, the title and a general summary of the subject matter contained in this Ordinance shall be published in substantially the following form:

(Form of Summary of Ordinance for Publication)

Village of Angel Fire, New Mexico  
Notice of Adoption of Ordinance

Notice is hereby given of the title and of a general summary of the subject matter contained in Ordinance No. \_\_\_\_\_ duly adopted and approved by the Governing Body of the Village of Angel Fire, New Mexico, on September 20, 2016. A complete copy of the Ordinance is available for public inspection during the normal and regular business hours of the Village Clerk, 3388 Mountain View Boulevard, Angel Fire, New Mexico.

The title of the Ordinance is:

VILLAGE OF ANGEL FIRE, NEW MEXICO  
ORDINANCE NO. \_\_\_\_\_

AN ORDINANCE AUTHORIZING THE EXECUTION AND DELIVERY OF A LOAN AGREEMENT BY AND BETWEEN THE VILLAGE OF ANGEL FIRE, NEW MEXICO AND THE NEW MEXICO FINANCE AUTHORITY, EVIDENCING A SPECIAL, LIMITED OBLIGATION OF THE VILLAGE TO PAY A PRINCIPAL AMOUNT NOT TO EXCEED \$7,300,000, TOGETHER WITH INTEREST THEREON, FOR THE PUPOSES OF PAYING THE COSTS OF (1) REFUNDING, REFINANCING, PAYING AND DISCHARGING THE VILLAGE'S (A) JOINT UTILITY IMPROVEMENT REVENUE BONDS, SERIES 2007, (B) WATER SYSTEM AND WASTEWATER SYSTEM REVENUE BONDS, SERIES 1998 AND (C) WATER SYSTEM AND WASTEWATER SYSTEM REVENUE BONDS, SERIES 1999, (2) FUNDING A LOAN AGREEMENT RESERVE ACCOUNT, AND (3) PAYING COSTS OF ISSUANCE OF THE LOAN, INCLUDING A PROCESSING FEE; PRESCRIBING OTHER DETAILS CONCERNING THE LOAN AND THE FUNDS APPERTAINING THERETO; APPROVING THE FORMS AND TERMS OF THE LOAN AGREEMENT AND OTHER DETAILS CONCERNING THE LOAN AGREEMENT; RATIFYING ACTIONS HERETOFORE TAKEN; REPEALING ALL ACTION INCONSISTENT WITH THIS ORDINANCE; AND AUTHORIZING THE TAKING OF OTHER ACTIONS IN CONNECTION WITH THE EXECUTION AND DELIVERY OF THE LOAN AGREEMENT.

A summary of the subject matter of the Ordinance is contained in its title. This notice constitutes compliance with Section 6-14-6, NMSA 1978.

(End of Form of Summary for Publication)

Adopted by the Governing Body of the Village of Angel Fire this 20<sup>th</sup> day of September, 2016.

VILLAGE OF ANGEL FIRE, NEW MEXICO

\_\_\_\_\_  
Barbara Cottam, Mayor

ATTEST:

\_\_\_\_\_  
Chuck Howe, Mayor Pro Tem

\_\_\_\_\_  
Terry Cordova, Village Clerk

\_\_\_\_\_  
D. Rogers Lanon, Councilor

\_\_\_\_\_  
Brinn Colenda, Councilor

\_\_\_\_\_  
Steve Larson, Councilor

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VILLAGE OF ANGEL FIRE, NEW MEXICO  
NOTICE OF PUBLIC HEARING AND INTENT TO ADOPT ORDINANCE

Notice is hereby given of the title and of a general summary of the subject matter contained in an ordinance relating to the Village of Angel Fire, New Mexico Joint Utility Refunding Loan, Series 2016 to be considered for adoption by the Village Council of the Village of Angel Fire, New Mexico on September 20, 2016 at 5:30 p.m. at the Angel Fire Village Hall, 3388 Mountain View Boulevard, Angel Fire, New Mexico 87710.

The title of the Ordinance is:

AN ORDINANCE AUTHORIZING THE EXECUTION AND DELIVERY OF A LOAN AGREEMENT BY AND BETWEEN THE VILLAGE OF ANGEL FIRE, NEW MEXICO AND THE NEW MEXICO FINANCE AUTHORITY, EVIDENCING A SPECIAL, LIMITED OBLIGATION OF THE VILLAGE TO PAY A PRINCIPAL AMOUNT NOT TO EXCEED \$7,300,000, TOGETHER WITH INTEREST THEREON, FOR THE PUPOSES OF PAYING THE COSTS OF (1) REFUNDING, REFINANCING, PAYING AND DISCHARGING THE VILLAGE'S (A) JOINT UTILITY IMPROVEMENT REVENUE BONDS, SERIES 2007, (B) WATER SYSTEM AND WASTEWATER SYSTEM REVENUE BONDS, SERIES 1998 AND (C) WATER SYSTEM AND WASTEWATER SYSTEM REVENUE BONDS, SERIES 1999, (2) FUNDING A LOAN AGREEMENT RESERVE ACCOUNT, AND (3) PAYING COSTS OF ISSUANCE OF THE LOAN, INCLUDING A PROCESSING FEE; PRESCRIBING OTHER DETAILS CONCERNING THE LOAN AND THE FUNDS APPERTAINING THERETO; APPROVING THE FORMS AND TERMS OF THE LOAN AGREEMENT AND OTHER DETAILS CONCERNING THE LOAN AGREEMENT; RATIFYING ACTIONS HERETOFORE TAKEN; REPEALING ALL ACTION INCONSISTENT WITH THIS ORDINANCE; AND AUTHORIZING THE TAKING OF OTHER ACTIONS IN CONNECTION WITH THE EXECUTION AND DELIVERY OF THE LOAN AGREEMENT.

Complete copies of the ordinance are on file in the Office of the Village Clerk, 3388 Mountain View Boulevard, Angel Fire, New Mexico 87710 and are available for inspection during regular office hours. This Notice constitutes compliance with Section 3-17-3, NMSA 1978.

**COUNCIL AGENDA ITEM**  
**STAFF RECOMMENDATION**

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**MEETING DATE:** August 23, 2016

**TO:** Mayor / Council and Village Administrator

**FROM:** Andrew Bertges, Fire Chief

**SUBJECT: Approval to apply for a Rescue Truck through the New Mexico Fire Protection Grant.**

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**Background/Facts**

The Village of Angel Fire's Fire department is requesting funding to purchase a Rescue truck. The current unit is a '04 F-55 wildland fire engine. It was the temporary replacement of our heavy rescue and is inadequate as a rescue unit. The available grant money is \$100,000 with a 20% match (\$20,000) for a total of \$120,000. The estimated cost is \$155,000. The remainder (\$35,000) will have to be BAR from within the fund.

**Alternatives:**

Continue to use the current unit and apply for grants to replace it

**1) Financial Impact and Review:**

Financial Impact:  Has been in the budget \_\_\_\_\_

Budgeted Item: yes  no:  Funding Source:  State Fire \_\_\_\_\_

Finance Department Comments and Review: \_\_\_\_\_

*State Fire has the money  
in reserve to cover the expense*

*[Signature]*  
Finance Directors Signature

**2) Attached Documents:**

Contract

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**3) Staff's Recommended Motion: Motion and Second to approve grant application**

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**4) Village Administrator Recommendation:**

Approval:  Disapproval:  other:

Signature: *[Signature]*  
Rick Tafoya, Village Manager

APPLICATION FOR FY17 FIRE PROTECTION GRANT  
Applications will be accepted from July 08, 2016 to September 08, 2016

**Eligibility**

All fire departments currently certified and funded by the New Mexico State Fire Marshal's Office are eligible to participate in the fire protection grant process.

**Only one grant application per department may be submitted.**

**Note:** Any fire department that is awarded a grant and consequently loses its qualification to participate in the Fire Protection Funding process shall return the apparatus and/or equipment to the State Fire Marshal for redistribution as per 59A-53 NMSA 1978 and Title 10 Chapter 25 Part 10 of the NMAC.

**Maximum Award and Matching Funds**

The maximum amount awarded to a single applicant will not exceed \$100,000.00 with a **minimum matching funds commitment from the department of 20%**. Costs exceeding the grant amount shall be the responsibility of the local government. State fire funds may be used for this purpose with proper approval from the New Mexico State Fire Marshal's Office.

**Signatures/Commitment of Funds**

The fire chief and the fiscal agent for the local government shall sign the application. In addition, the fiscal agent shall sign the Fiscal Agent Commitment Statement indicating a commitment of these funds for the awarded project and a commitment of the 20% matching funds. **Applications submitted without both signatures will not be considered.**

**MINIMUM REQUIREMENTS**

**NFIRS Reporting**

All applicants shall be in compliance with the reporting requirements of the New Mexico State Fire Marshal's Office utilizing the National Fire Incident Reporting System (NFIRS) as per 59A-52 NMSA 1978 and Title 10 Chapter 25 Part 10 of the NMAC. Applicants with delinquent NFIRS reports for the period of July 2015 to June 2016 at the time the application period closes **will not be considered.**

**Pump Testing**

All rated fire pumps shall undergo annual pump tests to ensure proper function and firefighter safety; therefore, the New Mexico Fire Protection Grant Council is requiring apparatus pump tests be conducted on each apparatus with rated fire pumps and documented in a Pump Test Data Log and verified by a signed and notarized affidavit.

- All annual pump tests shall be in accordance with NFPA 1901 and the Insurance Service Office (ISO) requirements.
- **A Pump Test Data Log** (attached) must be completed and uploaded with the application. The electronic Excel Spreadsheet is available on the Grant website.
- **An Affidavit of Completed Annual Pump Tests** (attached) signed by the Fire Chief and notarized verifying that three years of pump test records exist for each apparatus with a rated fire pump and are on file with the department must be uploaded with the application. A pdf file of the Affidavit is available on the Grant website.

**ADDITIONAL INFORMATION**

All of the information contained in the application is carefully reviewed and considered. In addition to general information and data provided, thorough and clear narrative responses are critical to helping reviewers understand the needs of the department relative to the request.

The department may request funding for apparatus, PPE, communication equipment or another justified critical need. All apparatus must meet NFPA Standards. Equipment/apparatus specifications are subject to review by the Fire Marshal's Office. The department must have the capability to immediately house apparatus properly. NFPA listed equipment may be included with the purchase of apparatus.

**SELECTION CRITERIA**

Applications will be placed in consideration categories meeting specific criteria as follows:

**Category A**

- 1) NFIRS Compliant. **NFIRS Compliant (per 59A-52 NMSA 1978 and Title 10 Chapter 25 Part 10 of the NMAC. Each certified fire department shall complete the reporting requirement by the 10<sup>th</sup> day of each month following the month for which the report is prepared. (e.g., the report of January is due by February 10<sup>th</sup>).**
- 2) Pump Test compliant (in accordance with NFPA 1901 and ISO requirements).
- 3) Request is for a Critical Need (clearly explained in the application)
- 4) Never before received a NM Fire Protection Grant

**Category B**

- 1) NFIRS Compliant. **NFIRS Compliant (per 59A-52 NMSA 1978 and Title 10 Chapter 25 Part 10 of the NMAC. Each certified fire department shall complete the reporting requirement by the 10<sup>th</sup> day of each month following the month for which the report is prepared. (e.g., the report of January is due by February 10<sup>th</sup>).**
- 2) Pump Test compliant (in accordance with NFPA 1901 and ISO requirements).
- 3) Request is for a Critical Need (clearly explained in the application)
- 4) Previous NM Fire Protection Grant recipient

**Category C**

- 1) NFIRS Compliant (per 59A-52 NMSA 1978 and Title 10 Chapter 25 Part 10 of the NMAC. Each certified fire department shall complete the reporting requirement by the 10<sup>th</sup> day of each month following the month for which the report is prepared. (e.g., the report of January is due by February 10<sup>th</sup>)
- 2) Pump Test compliant (in accordance with NFPA 1901 and ISO requirements).
- 3) Request is not a Critical need
- 4) Previous recipient

**Category D**

- 1) Non-compliant (will not be considered for a grant)

**CRITICAL NEEDS**

- o Fire apparatus/equipment
- o PPE (structural, wildland, SCBA)
- o Communications
- o Maintenance, training, water
- o Need that will clearly will have significant impact on ISO Classification

ACKNOWLEDGEMENT/SIGNATURES		
Name of Department/District: Angel Fire	County: Colfax	
Name of Fire Chief (please print) Andrew Bertges	Signature of Fire Chief	Date
Name/Title of County/Municipal Fiscal Agent (please print)	Signature of Fiscal Agent	Date
Mailed, Emailed, or Faxed applications <u>will not</u> be accepted.		

This application may be downloaded from the following website: <http://www.nmprc.state.nm.us/sfm.htm>

**Please answer all questions in this application.  
Incomplete applications will not be considered.**

GENERAL INFORMATION	
Fire Department ID Number (using NFIRS identifier)	07007
Fire Department Name	Angel Fire
Insurance Services Office (ISO) Rating	5
County	Colfax
	City/Municipality
What kind of organization is your fire department?	Combined Career and Volunteer
How many stations are in your organization?	
Main	2
Substations	1
Admin	1
Type of community your organization serves Based on population density	Rural
<b>Mailing Address</b>	
Address	P.O. Box 610
City	Angel Fire
State	NM
Zip Code	87710
Phone number	(575) 377-3347
Email address	abertges@angelfiren.m.gov
Name of Person Completing this application?	Andrew Bertges
Are you a fire department member?	Yes
How many career fire fighters do you have?	3
How many volunteer firefighters do you have?	18
If combined, how many uniformed full-time career fire fighters are at the station at all times?	2
How many are FF-I Certified?	5
How many are FF-II Certified?	4
Do your newly recruited Fire Fighters undergo an entry-level physical and receive immunizations? Describe	Each go through a DOT physical. If any do not have the recommended immunizations they are given the opportunity to receive them at no expense to them

BUDGET INFORMATION	
What is your fire departments operating budget, including personnel costs, for your current fiscal year?(in dollars)	\$600,000.00 <sup>4</sup> 497,500
What is the current Protection Fire Fund distribution?	\$267,000.00
What is the approved total carryover balance, if any, of Protection Fire Funds maintained by the department?	\$929,000.00 361,000
What was the purpose of the approval carryover?	The Purpose Of Our Carry Over Was To Replace Our Substation With A Third Main Station. The Main Station Will Be Much Bigger To Accommodate The Current And Future Needs Of The Department
What percentage of your annual operating budget is derived from:	
Taxes?	60%
Grants?	5%
State Fire Marshal Funds?	18%
Donations?	1%

Fund Drives?	1%
Fee For Service?	15%
Others?	0%
Please Explain (For 'Others')	0

**COMMUNITY INFORMATION**

Name of Community Protected? <b>Village of Angel Fire</b>	Number of commercial buildings protected in fire district? <b>120</b>
Number of homes protected in fire district? <b>1220</b>	What is the permanent resident population of the community you serve? <b>1220</b>

Do you have formal automatic aid or mutual aid agreements?:  
Yes

List adjacent automatic aid fire districts (with written agreements)

S.No	Automatic Aide Fire Districts
1	Moreno Valley
2	Eagle Nest

**RESPONSE HISTORY IN THE LAST YEAR**

What is your call volume for the past year? (from last year July 1st to this year June 30th) **637**

How many responses per category?

Structure Fire (IT 110-118, 120-123) <b>5</b>	Hazardous Condition (IT 400-482) <b>14</b>	Vehicle Fire (IT 130-138) <b>1</b>	Service Calls (IT 500-571) <b>160</b>	Vegetation Fire (IT 140-143) <b>11</b>
Good Intent Calls (IT 600-671) <b>41</b>	EMS (IT 300-323) <b>324</b>	False Calls (700-751) <b>59</b>	Rescue (IT 331-381) <b>6</b>	Other <b>16</b>

Call Volume/History Support request?

**WATER AVAILABILITY**

Community hydrant system ? <b>Yes</b>	Total capacity of available water storage(in gallons) <b>8,200,000.00</b>	Water storage tank with fire hydrant @ station <b>Yes</b>
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Describe additional water source(s):

S.No	Source	Capacity(in gallons)
1	Well and storage	6000000
2	Ski Area snow making	2200000
3	Effluent water	3000000

**TRAINING**

Average # of training hours per Firefighter per year : **55**

How many training opportunities has this department offered in the last calendar year?

Training Details	Supporting Document
-	-

**APPARATUS**

List class A pumper(s)

Are pump test conducted annually on apparatus?

Yes

Total number of seated positions :

22

Copies of most recent pump tests records must be attached (upto 3 years)

Explain if not tested properly:

0

**COMMUNICATION EQUIPMENT**

Do you have any of the following?

Handheld radios	35
Base Stations	3
Mobile radios	12
Do you have any apparatus without a mobile radio?	No

List communication equipment by type

Describe your communication equipment and capability (type, qty, range) (if more than zero)	How Many?
Mountain top repeater. 50 watt. range extends 25 mile radius	1
We also have a mobile repeater to help relay in our automatic aid areas which do not have good coverage. 50 watt. Range varies with terrain	1
Back up repeater to be used temporarily if our or our automatic aid departments repeater fails. This is only in place until the permanent repeater is repaired. 50watt	1

Do you have interoperability with any of the following agencies?

Law Enforcement	Yes
Emergency Medical	Yes
Other Fire Departments	Yes
Other (that could not be classified as above)	Yes
Describe (if 'yes' on others)	State and Federal forest services
Do you have any areas in your jurisdiction which are NOT covered by a repeater?	No
Describe (if yes for above)	

**HAZARDS/THREATS**

Describe the threat to the community: (i.e., fuel storage bulk plants, railroads, high hazard occupancies, etc.)

Hazard Type	Hazard Detail
Bulk propane storage	Bulk propane storage for commercial and residential applications
Wild fire	categorized as high risk Wildland Urban Interface(WUI)
Battery Bank -Sulfuric acid	Century Link substation with a large battery back up.

**CURRENT PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Are all PPE inspected annually per NFPA 1851?

Yes

**1981 STANDARD COMPLIANT PPE**

Qty	Age (years)	Condition
-	-	-

**1997 STANDARD COMPLIANT PPE**

Qty	Age (years)	Condition
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-	-	-
<b>2002 STANDARD COMPLIANT PPE</b>		
<b>Qty</b>	<b>Age (years)</b>	<b>Condition</b>
-	-	-
<b>2007 STANDARD COMPLIANT PPE</b>		
<b>Qty</b>	<b>Age (years)</b>	<b>Condition</b>
-	-	-
Do you have your bottle filling capability? :		
Yes		
Do you have SCBA cylinder filling capability? :		
Yes		
Describe SCBA cylinder filling capability :		
Eagle Air sytem		
Pressure :		
High		
<b>1981 STANDARD COMPLIANT SCBA</b>		
<b>Qty</b>	<b>Age (years)</b>	<b>Condition</b>
-	-	-
<b>1997 STANDARD COMPLIANT SCBA</b>		
<b>Qty</b>	<b>Age (years)</b>	<b>Condition</b>
-	-	-
<b>2002 STANDARD COMPLIANT SCBA</b>		
<b>Qty</b>	<b>Age (years)</b>	<b>Condition</b>
-	-	-
<b>2007 STANDARD COMPLIANT SCBA</b>		
<b>Qty</b>	<b>Age (years)</b>	<b>Condition</b>
-	-	-

**EQUIPMENT NEEDS**

List in priority order, and explain the equipment needs of your department and the total costs of fulfilling the needs.

Priority Order #	Priority Category Requesting From	Equipment Needed	Quantity	Total Cost of Equipment(\$)
1	Apparatus	Rescue	1	\$155,000.00
Total:				<del>\$150,000.00</del> 155,000

What (specifically) will you purchase if awarded this grant?  
 We have looked at various options in rescue apparatus. These have ranged from new f-750, F 550 and certain model cab overs to used custom apparatus from across the nation. A new custom apparatus would be ideal, but the cost does not justify the difference in pricing. We have found many used custom units that fit our needs. They are in the same price range as a new smaller commercial units, but with many more options. A used apparatus appears to be a better value especially when compared to the amount of calls

Will fulfilling this need impact your organization's ISO rating?  
 Yes

Please explain:  
 This will impact life safety as well as adding a truck company to our inventory for ISO. It not only will provide the proper equipment on scene but will release our type 6 back into wild fire suppression. We strive to improve the quality of service to our community. In the past year we have had Fire fighters train in Confined and trench rescue. With the addition of these disciplines we will require more equipment. The current rescue will not have the capacity to carry this equipment, but a heavy rescue will carry most of the equipment for confined space and a very small amount for trench rescue.

**GRANT FUNDING JUSTIFICATION**

**Financial Need:** Give us a financial snapshot of your area. Tell us why you need assistance and describe your department/organization's current funding issues.

The economy of Angel Fire is primarily based around the tourism industry. In the winter, we are home to a busy ski resort. During the summer many people travel to Angel Fire, to escape the heat to hike, play golf and downhill mountain bike. The Village is a primary tourist attraction for much of the

surrounding area. Angel Fire is host to various competitions for running, mountain biking, and dirt biking. We also hold Military Veteran Retreats and balloon rallies as well as major holiday events (memorial day, labor day and veterans day). A majority of the population is tourist for a little over 6 months of the year. Our population surges from 1200 to over 10000 people during some of these major events. Beyond these events, Angel Fire is the responsible for all the traffic which merely passes through our jurisdiction enroute to other destinations. These routes include State Highway 64 and State Highway 434. Angel Fire has not seen the revenue as it ounce had pre 2007. Our Village budget is almost half of those good years. Due to budgetary constraints, AFFD has lost 2 full time fire fighters yet retains 22 volunteer fire fighters and their aging equipment. The general fund finances bare the minimum the fire protection funds will not cover as well as having almost a quarter of the Fire protection funds used as payment for the construction of main station 2. The village financial priority currently revolves around acquiring monies for an unexpected failure of one of our primary wells and updating our failing sewer plant as well as updating our poor roads condition. This tremendous burden in the millions of dollars will not allow the Village of Angel Fire to expend any more money elsewhere if not force a decrease in the overall budget to reallocate funds to these extremely important projects. The fire department has accumulated approximately \$361,000 for an approved third main station and has requested the second seat on our capital improvement plan for that project. A new rescue has a 8th seat. The third station is likely to receive additional funding from the Village but the rescue will most definitely not.

**Request:** Provide a brief description of what the request does, how the dollars will be, spent and explain the need.

The grant will help provide funding to replace our heavy rescue with a newer more dependable unit. The current temporary unit is a type 6 engine(F-550 Wildland fire engine) with some rescue and truck company tools on board. Our original unit is a 1976 Heavy rescue International Cargo star, which was placed out of service by our Village mechanic. We down sized to about 1/8 the size of the original rescue, essentially a pickup with a utility box. Obviously we were not able to transfer all equipment over. We carry the bare minimum to do basic extrication, rope rescue, and wildland fire fighting.

**Problem:** Provide a brief description of the problem your department/district is addressing with this grant application.

The Angel Fire fire department currently uses a type 6 wildland unit for a heavy rescue. The 4 boxes are small and the equipment is piled on top of one another. Typically everything must come out to get any tool, making the simplest of tasks difficult. This unit was a temporary replacement for our heavy rescue which was placed out of service due to mechanical and electrical issues, the cost and age of the box makes updating cost prohibitive. We have (3) type 6 wildland engines for our 25 sq miles of wildland urban interface. We are required to keep the one we use as rescue from almost all wildland fire fighting activities, due to its current purpose. Every wildland engine is extremely important in our high risk wild fire area and having to hold one back because it carries our extrication equipment and too little wildland equipment has posed issues. We require our engine back as a wildland unit to provide better coverage. Now with rescue equipment on board this unit serves poorly for either company. We have increased our training to include Confined space and Trench rescue. Though much of the required equipment and tools would not be carried on a heavy rescue, some would.

**Analysis of Benefits:** Provide a brief description of how the department/district this performance will be improved and how this comparesto the proposed expenditure.

The current Engine used as a rescue is a 2005 Ford F-550 with a 6.0 Diesel. This engine has only 25000 miles on the odometer, but has cost over \$12,000 in repairs(\$0.50 per mile) The last event took it out of service for over a month this winter. The equipment was transferred to our second type 6 engine, a '95 Ford F-350, The only other apparatus which we felt could be tasked to a different operation at that time Benefits will outweigh the costs with a more dependable emergency vehicle, which has the capacity to carry the appropriate equipment. Efficiency will increase when all equipment is easily accessible and carried on the apparatus. Nothing is more frustrating than not having the right or enough equipment.

**Community and Your Organization's Relationship:**Provide a description of your department/organization's role and relationship withinthe community and what impact this request will have.

We are too small of a department to fight fires alone. Automatic aid is a critical part in our response to fires and other incidents. Because of this we have developed a very healthy relationship between our surrounding automatic aid departments to where we now act as a single unit. Our equipment must be up to par for when we are called upon to act. The equipment carried is not adequate as a rescue nor a wildland engine. A true rescue will release the engine back to its original purpose, a wildland engine. It will give us another needed apparatus for wildland fire suppression, while providing a true rescue for the community.

**Consequences:**Provide a brief description of consequences of not funding this grant request. If your department does not receive therequested grant, what will the department do?.

We are afraid without a replacement, we could jeopardize the community with an unreliable emergency vehicle, carrying inadequate equipment. We will have to rely more heavily on our automatic aid and hope they will bring the proper equipment to the calls, if they are available to respond. We will continue to submit for grants and hope for the best. A problem is recognized and we have adapted, but it is surely not the most efficient way to conduct operations.

**PROJECT BUDGET SHEET**

Priority Order #	Priority Category Requesting From	Equipment Needed	Quantity	Total Cost of Equipment(\$)
1	Apparatus	Rescue	1	\$150,000.00
				Total: \$150,000.00

Total amount	(\$0.00) <u>120,000</u>
Less matching amount (minimum 20% of the Total amount)	(\$0.00) <u>100,000</u>
SubTotal	\$0.00
Grant amount requested (maximum request \$100,000.00)	\$0.00 <u>100,000</u>
Department is responsible for the amount in excess of \$100,000.00	\$0.00 <u>\$5,000</u>
Total amount the Department is responsible for	\$0.00 <u>\$55,000</u>

**FISCAL AGENT COMMITMENT STATEMENT**

I, as fiscal agent for the \_\_\_\_\_ department, certify that a minimum of 20% in matching funds are committed to the

Department Name Angel Fire County: Colfax ISO Rating: 5

project for which this application is submitted.

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Name of County/Municipal Fiscal Agent (please print) Title

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Signature of County/Municipal Fiscal Agent Date