The community of Zig Zag Village, state of Oregon, hereby applies to be officially recognized and designated as a qualified participant in the Firewise Communities/USA recognition program for the year 2012. Members of the community have adopted the following Firewise Communities/USA recognition program standards:

- **FORMED A FIREWISE BOARD**
  List Board members and fire agency representative(s), date board was established, meeting dates, and the address, phone number and e-mail of Board President.

<table>
<thead>
<tr>
<th>Date Established: 4/19/2012</th>
<th>Board Members</th>
<th>Board President: Petr Kakes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meeting Dates</td>
<td>Petr Kakes</td>
<td>Address: 72730 E Lolo Pass Road</td>
</tr>
<tr>
<td>4-19-2012, 5-17-2012, 6-13-</td>
<td>Brad Miller</td>
<td>City, State, Zip: Rhododendron, OR 70171</td>
</tr>
<tr>
<td>2012, 7-13-2012, 8-15-2012</td>
<td>Joan Knowlton</td>
<td>Phone #: 503-622-2690</td>
</tr>
<tr>
<td>Monthly thereafter</td>
<td>Shannon Thomas</td>
<td>Email: <a href="mailto:skibowlbikerace@frontier.com">skibowlbikerace@frontier.com</a></td>
</tr>
<tr>
<td></td>
<td>Robert Huffman</td>
<td></td>
</tr>
</tbody>
</table>

- **INVESTED AT LEAST $2/CAPITA IN FIREWISE PROJECTS**
  Total Firewise expenditures, including equipment and volunteer hours $6,685
  Number of residents in community 75

- **COMPLETED A COMMUNITY ASSESSMENT**
  Date of assessment: 6/2/2012
  Name and agency/company conducting assessment Cindy Kolomechuk/ODF
  Provided a hard copy of assessment to state Firewise representative.

- **CREATED A PLAN**
  Date plan completed 6/4/2012.
  Provided a hard copy of the plan to state Firewise representative.

- **HELD A FIREWISE DAY**
  Date of Firewise Day: 6/9/2012
  Describe the activity including date, time, number of people attending and location: Community clean-up/brush clearing along roads and right-of-way throughout the Zig Zag Village community. Hand tools, weedeaters, and chainsaws were required to complete the job. Individual landowners completed fuel reduction in their Defensible Space prior to this event. Fifteen residents attended the actual event on 06/09/2010, and 25 residents completed defensible space work prior to the event. A chipper was rented to dispose of material. The event was also held the previous year, completing the same fuel reduction activities.
  To generate more support and community involvement, ODF crews will complete a fuels reduction demonstration area in July, 2012 to educate and organize the residents on techniques and information regarding the Firewise program and fuel reduction. This event will have a rented chipper on site, along with Hoodland Fire & Rescue and ODF personnel to assist.
  Provided hard copies of any publicity, programs, news coverage and/or other supporting information to the state Firewise representative.

Submitted by: Cindy Kolomechuk
E-mail address ckolomechuk@odf.state.or.us
Date 6/27/2012

Please provide the following contact information:

<table>
<thead>
<tr>
<th>State Forestry Contact</th>
<th>Community Fire Chief</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name: Cindy Kolomechuk</td>
<td>Name: Mic Eby</td>
</tr>
<tr>
<td>Agency: Oregon Department of Forestry</td>
<td>Department: Hoodland Fire &amp; Rescue</td>
</tr>
<tr>
<td>Address: 14995 S Hwy 211</td>
<td>Address: 69634 E Hwy 26</td>
</tr>
<tr>
<td>City, State, Zip: Molalla, OR 97370</td>
<td>City, State, Zip: Welche, OR 97067</td>
</tr>
<tr>
<td>Telephone: (503) 829-2216</td>
<td>Telephone: (503) 622-3256</td>
</tr>
<tr>
<td>Fax: (503) 829 4736</td>
<td>Fax:</td>
</tr>
<tr>
<td>Email: <a href="mailto:ckolomechuk@odf.state.or.us">ckolomechuk@odf.state.or.us</a></td>
<td>Email: <a href="mailto:miceby@hoodlandfire.org">miceby@hoodlandfire.org</a></td>
</tr>
</tbody>
</table>
TO BE COMPLETED BY FIREWISE COMMUNITIES/USA STATE LIAISON OR REPRESENTATIVE:

Complete this form and mail it along with the community's application form (COVER SHEET ONLY) to:
Firewise Communities/USA Recognition Program
One Batterymarch Park
Quincy, MA 02169

To notify program staff of the pending application or to discuss the application with staff, please send an email to firewiseusa@aol.com.

CERTIFICATION
(To be completed by State Forester or designated representative)

The state forestry office or appropriate official has reviewed the application of the above-named community and determined it has met the five Firewise standards of achievement in wildfire mitigation. Therefore, this applicant should be designated as a Firewise Communities/USA participant for the current calendar year.

Signed ___________________________________________ Date __________________________

Person who should receive recognition materials:
Name: Cindy Kolomechuk
Title: Wildfire Planner
Agency/Organization: ODF
Address: 14995 S HWY 211
City, State, Zip: Molalla, OR 97038
Phone #: 503-829-2210
Fax #: 503-829-4736
Email: KolomechukC@cdf.state.or.us
Zig Zag Village has been identified as a Community at Risk (CAR) by the Hoodland Fire District. The Zig Zag Community is aware of the risk of wildfire and is taking steps to mitigate this risk by participating in the National Firewise Recognition Program.

The National Fire Protection Agency’s Firewise Communities/USA Recognition Program encourages and acknowledges citizen action to reduce wildfire risk. The program capitalizes on a community spirit, its resolve, and its willingness to take responsibility for its wildfire ignition potential. Participation in the Firewise Communities/USA Program is an ongoing process of community commitment to wildfire safety. Participants in the program must meet the criteria illustrated in Table 1.

**Table 1. Firewise Criteria for Zig Zag Village**

<table>
<thead>
<tr>
<th>Firewise Communities/USA Criteria</th>
<th>Zig Zag Village Compliance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete a Community Assessment</td>
<td>The Zig Zag Homeowners’ Association worked with the Oregon Department of Forestry to develop a Community Wildfire Assessment included in this narrative.</td>
</tr>
<tr>
<td>Form a Firewise Board or Committee in order to accept the assessment, create an action plan and monitor activity.</td>
<td>The Zig Zag Homeowners’ Association is serving as the Firewise Board. The HOA worked in coordination with the ODF to develop the Zig Zag Village Firewise Action Plan (Table B-1.2) to address the vulnerabilities identified in the Community Assessment.</td>
</tr>
<tr>
<td>Hold a Firewise Day Event</td>
<td>Zig Zag Village held a Community Clean Up and Firewise Day event on June 9th, 2012.</td>
</tr>
<tr>
<td>Invest at least $2/capita annually in community mitigation activities.</td>
<td>Approximately 25 residents spent 5 hours clearing yard debris prior to the Firewise event, or approximately $2,724*. The Firewise Event brought 15 additional community members that worked 6 hours to reduce fuels and create defensible space in common areas and around homes, which is about $1,961*. ODF utilized Title III funding to cover chipping costs for the Firewise Day at $2,000.</td>
</tr>
</tbody>
</table>
| **Zig Zag Village Requirement:**                          | **Community Investment:** $ 4,685  
**ODF Investment:** $ 2,000  
**Total Zig Zag Village Investment:** $6,685  
At volunteer rate of $21.79/hr (Independent Sector.org) |
| 75 Homes  
$x \ 2$  
$150$ |                                                                                                                                  |
Zig Zag Village Description

Zig Zag Village is located in Rhododendron, OR just off of Highway 26. There are approximately 75 homes in this community, with about 50% permanent residents, half of which are renters. The remaining 50% are absentee homeowners. Zig Zag has a well-organized Home Owners Association (HOA), who make decisions regarding architectural guidelines (including building materials) and maintenance of facilities and infrastructure.

The Home Owners Association has been promoting the creation of defensible space by sponsoring Community Clean Up Days in the Spring for the over 10 years. Participation in these events is usually limited to the permanent homeowners (about 25 homes). The HOA would like to use the Firewise program as a catalyst to engage the renters, absentee homeowners and owners of undeveloped lots in reducing hazardous fuels and creating defensible space around homes.

Wildland Urban Interface

This area is an excellent example of the Wildland Urban Interface because it is characterized by residential homes surrounded by heavy fuels, limited access and limited protection capability. Vegetation in Zig Zag is primarily mature Douglas Fir, and while the canopy of this stand is well above the ground, brush fuels are quite heavy. The community is nestled amongst the forest with ladder fuels leading directly to homes. In addition, Mount Hood National Forest and the Bureau of Land Management Forest lands surround this community. Heavy and continuous fuels dominate this area, so fires that begin on public land or on smaller private residential lots can quickly threaten the communities and natural resources that thrive in the Hoodland corridor.

The terrain within Zig Zag village is relatively flat, but it is surrounded by steep slopes that can carry fire quickly from outlying forestlands into this residential community. It is located within 5 miles of the nearest fire station, but response efforts are largely dependent on Hoodland Fire District’s staffing capability that relies heavily on volunteers. There is only one point of egress to the community from Lolo Pass Road, which is a major issue for potential evacuations and response operations.

Tourism and recreation are also major influences here, with thousands of Portland area residents travelling along Highway 26 to access the Mount Hood National Forest. Campers, hikers, hunters and other visitors to this area can potentially start wildfires that could carry from Forest Service land to the residential communities. Industrial and Federal forest operations are also potential ignition sources.
Many homeowners in the Zig Zag Village use backyard and debris burning for recreation and to dispose of debris they have cleared around homes. The majority of homeowners are safe with backyard burning, but the sheer volume of vegetation that must be removed to maintain defensible space around homes makes it difficult to use fire as a safe and effective means for debris disposal. For this reason, Zig Zag Village conducts at least one Community Clean Up Day a year to organize debris removal and hires a chipper for safe disposal.

Figure 2. Debris generated from defensible space.

Zig Zag Village Firewise Community Assessment

The Zig Zag Home Owners Association worked with the ODF and Hoodland Fire to assess wildfire hazards throughout the community and develop strategies to mitigate them. The following narrative describes the following 5 focus areas: Wildfire Hazard Assessment, Community Involvement, Structural Ignitability, Emergency Response, and Defensible Space/Fuels Reduction. Zig Zag Village worked with ODF to develop a series of action items to improve resiliency in the next year (Table 3. Zig Zag Village Firewise Action Plan) In addition, a more comprehensive list of actions designed to reduce wildfire hazards in the community are given in Table 4. Zig Zag Firewise Recommendations and Table 5. Common Areas and Infrastructure Recommendations.

Those involved in developing the Community Assessment include:

Petr Kakes, Zig Zag HOA President
Brad Miller, Zig Zag HOA Vice President
Margy Lowe, Zig Zag HOA
Lisa Miller, Zig Zag HOA
Scott Kline, Hoodland Fire
Chris Paul, Oregon Dept. of Forestry
Joel Lantz, Oregon Dept. of Forestry
Cindy Kolomechuk, Oregon Dept. of Forestry
Wildfire Hazard Assessment

According to the Overall Wildfire Hazard Map (Map #1) from the Clackamas Community Wildfire Protection Plan, Zig Zag Village is in a Moderate-High wildfire hazard area. This assessment was completed using topography, weather and fuels, historic fire occurrence, values protected and protection capabilities. This is valuable information at the County scale, but does not distinguish the high hazard areas in Zig Zag Village. To more adequately gauge localized hazards, ODF provided individual home assessments and a community assessment on June 2nd, 2012 to create the following localized Wildfire Hazard Assessment to assist in developing and prioritizing action items for implementation (please refer to Attachment #1 and Map #2: Zig Zag Village):

Table 2. Zig Zag Community Wildfire Hazard Assessment

<table>
<thead>
<tr>
<th>Site Considered</th>
<th>Relative Wildfire Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undeveloped Lots</td>
<td>High</td>
</tr>
<tr>
<td>Residential Properties (30-100 feet around homes)</td>
<td>High</td>
</tr>
<tr>
<td>Access Roads</td>
<td>High</td>
</tr>
<tr>
<td>Pool House/Tennis Court/Pond Area</td>
<td>High</td>
</tr>
<tr>
<td>Condo Common Area</td>
<td>High</td>
</tr>
<tr>
<td>Main Pump House/Water Tower</td>
<td>Moderate</td>
</tr>
<tr>
<td>Waste Treatment Pump</td>
<td>Low</td>
</tr>
<tr>
<td>ROW #1 Unimproved Trail Near Lolo Pass</td>
<td>High</td>
</tr>
<tr>
<td>ROW #2 Trail from entrance to small creek</td>
<td>Moderate</td>
</tr>
<tr>
<td>ROW #3 Riparian Area</td>
<td>Low</td>
</tr>
<tr>
<td>ROW #4 Trail connecting riparian area to Village Loop Road</td>
<td>Low</td>
</tr>
<tr>
<td>ROW #5 Trail from Village Loop Road to Sandy River</td>
<td>Low</td>
</tr>
<tr>
<td>ROW #6 Area along Sandy River</td>
<td>Low</td>
</tr>
<tr>
<td>ROW #7 Snowcap Road</td>
<td>Moderate</td>
</tr>
</tbody>
</table>

Community Preparedness & Involvement

The majority of Zig Zag Village residents are aware that wildfire is a risk to their community, but there is not consensus on what to do about that risk. Although the HOA has been promoting the Community Clean Up events for a number of years, there are many homeowners that do not understand what they need to do to reduce wildfire hazards around their and/or are not motivated to do so. The Zig Zag HOA would like to use the Firewise/USA program to build awareness, support and participation in reducing wildfire hazards throughout the community.
The Zig Zag HOA partnered with Hoodland Fire and the Oregon Department of Forestry to host a Firewise Community Clean Up Event June 9th, 2012. The event was advertised through the HOA member email list (please see Attachment 2). The Firewise Community Clean-Up Event included work parties to create defensible space around homes and infrastructure. Fire Agency (ODF, Hoodland Fire District, USFS) personnel were available to help guide the work, and provide home assessments for landowners. The ODF covered the cost of debris disposal (chipping) through a Title III grant.

The following actions were completed during the Zig Zag Village Firewise Clean Up Day:

- Cleared brush 10 ft. around all hydrants
- Reduced ladder fuels in the pool/tennis court area
- Cleared brush 15-30 ft. around propane tanks and infrastructure
- Limbed trees along road ROWS and trails 14 ft. high
- Created defensible space around 25 homes

Although Zig Zag made great headway with their Community Clean-Up Day, there are some common wildfire hazards to be addressed:

- Ladder fuels and heavy fuels loading in the undeveloped lots.
- Lack of Defensible Space around homes; especially absentee homeowner lots.
- Lack of wildfire awareness and community preparedness
- Single point of access from Lolo Pass Road
**Structural Ignitability**

Homes in this area designed to blend into the natural forested environment. The majority of homes are made of wood, and there is very little defensible space around homes. Although the architectural guidelines strongly recommend metal roofing, many homes still have cedar shake, which are extremely vulnerable to ignitions from embers. Also, there are many homes with decks that are not enclosed and are used to store flammable materials.

Firewise recommends non-flammable building and roofing materials to reduce the likelihood of structural ignition (see Attachment 3). The Zig Zag HOA may consider incorporating the guidelines set forth by the Firewise program into covenants to work toward a more fire resilient community.

**Emergency Response**

Members of the Zig Zag community have weathered severe storms and flooding events, and work together as a community to ensure the safety of residents. Although this area is within the Hoodland Fire District boundary, the District is primarily volunteer so it is critical that the community is able to respond effectively to emergencies until help is available. The HOA has contact information for all community members and regularly conduct wellness checks during emergencies.

Also, this community has a single access (one way in and one way out), which could present major difficulties during an evacuation or a large scale emergency. The HOA has been working with Hoodland Fire to identify an additional point of egress (currently the driveway to the triplex is the best options), but Clackamas County is resistant to allow an access road onto Lolo Pass. Zig Zag would like to use the partnerships developed through the Firewise program to build support for adding an addition point of emergency egress.

During wildfire season, Hoodland Fire routinely triages the homes in this area and leaves door hangers to let people know how they are doing in terms of defensible space. The ODF has also utilized GPS units that have structural triage software built in to take geographic data as well as access and defensible space information.

**Defensible Space/Fuels Reduction**

A core focus of the Zig Zag Firewise Community is to protect homes, common areas and infrastructure from wildfires by reducing fuel available to burn. Fuels reduction projects will be accomplished through the creation of defensible space around homes, and infrastructure, with the goal of extending vegetation treatments onto adjacent federal forest land and undeveloped lots.

ODF and Hoodland Fire support this strategy and will work with the Zig Zag HOA to help facilitate cooperation the UFSF and private landowners to ensure that fuels reduction work occurs strategically and benefits homeowners as well as adjacent public and private lands.

The ODF will be creating a Firewise Fuels Reduction Demonstration Area in the Condominium Common Area in July-August, 2012 to further mitigate wildfire hazards in Zig Zag Village. The prescription for this project will include input from the Zig Zag HOA and other community members to ensure that it balances public safety and environmental benefits. It will provide an example of a defensible landscape level treatment for educational purposes and it will provide the forum for planning future fuels reduction projects throughout the community.
To ensure that landscape-level treatments are paired with projects to create defensible space around vulnerable homes and infrastructure, the following fuels reduction projects have been identified:

- All homes require defensible space
- Undeveloped condominium area
- Condominium (Triplex) common area & Infrastructure
- All access roads and rights of way
- Private undeveloped lots adjacent to pool
- Private undeveloped land to the east of Zig Zag Village

Zig Zag Village Firewise Action Plan

The Community Assessment identified potential wildfire issues that could be abated through mitigation activities. These actions are comprehensive in scope and may require years, funding and community support to accomplish. However, there are actions that can be taken in the near future that can move the community toward becoming more fire resilient. The Zig Zag HOA has prioritized the actions to focus on during the year (June 2013) in **Table 3. Zig Zag Firewise Action Plan**. The larger list of wildfire mitigation actions will provide the foundation and direction for future efforts and are articulated in **Table 4. Zig Zag Village Firewise Recommendations** and **Table 5. Common Areas and Infrastructure Right of Ways Recommendations**.
<table>
<thead>
<tr>
<th>Action Item</th>
<th>Wildfire Hazard Priority</th>
<th>Timeframe</th>
<th>Partners</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Community Involvement</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Become a certified Firewise Community to build awareness and capacity for</td>
<td>High</td>
<td>1 Month</td>
<td>ODF, Hoodland Fire District, USFS, BLM, NFPA</td>
</tr>
<tr>
<td>make the Zig Zag Village Community more resilient to wildfire hazards.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Conduct a Community Meeting in Spring 2013 prior to the annual Clean Up</td>
<td>High</td>
<td>1 Year</td>
<td>Hoodland Fire District, ODF, USFS, BLM</td>
</tr>
<tr>
<td>event to continue educating homeowners about the potential for wildfire</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>and strategies for reducing risk.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Emergency Response</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Work with Hoodland Fire, ODF, Clackamas County and the Condominium</td>
<td>High</td>
<td>Long Term</td>
<td>Hoodland Fire, ODF, Clackamas County</td>
</tr>
<tr>
<td>Landowner to extend the current driveway into the triplex to Lolo Pass</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>for emergency access. Maintain the road with 14 feet of vertical</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>clearance and 14 of clearance on either side for emergency</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>vehicles.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Consider participating in the Hoodland Emergency Action Response Team</td>
<td>High</td>
<td>1 Year</td>
<td>Hoodland Fire</td>
</tr>
<tr>
<td>(HEART) Program, which trains community members to be effective in</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>organizing their community during a disaster</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(emergency call down lists, first aid &amp; CPR, etc.).</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Defensible Space/Fuels Reduction</strong></td>
<td>High</td>
<td>1 Year</td>
<td>Hoodland Fire, ODF</td>
</tr>
<tr>
<td>Host an annual Firewise Community Clean Up Day in Spring, 2013 to</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>promote the creation and maintenance of defensible space as defined</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>by Firewise Standards (see Attachment 3). Provide outreach materials</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>to residents to inform them of the steps they need to take to</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>adequately create defensible space.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Date: 7/20/2012

Signature: Brad Miller, Zig Zag HOA Vice President
### Community Involvement

<table>
<thead>
<tr>
<th>Action Item</th>
<th>Wildfire Hazard Priority</th>
<th>Timeframe</th>
<th>Partners</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conduct a Community Meeting each Spring prior to the annual Clean Up event to continue educating homeowners about the potential for wildfire and strategies for reducing risk.</td>
<td>High</td>
<td>Ongoing</td>
<td>Hoodland Fire District, ODF, USFS, BLM</td>
</tr>
</tbody>
</table>

### Structural Ignitability

<table>
<thead>
<tr>
<th>Action Item</th>
<th>Wildfire Hazard Priority</th>
<th>Timeframe</th>
<th>Partners</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consider adding language to HOA covenants to require non-combustible roofing materials in new development and when replacing cedar shake shingles.</td>
<td>High</td>
<td>Long Term</td>
<td>Hoodland Fire District Deputy Fire Marshal</td>
</tr>
<tr>
<td>Encourage homeowners to enclose decks and all vents and openings with 1/8” metal mesh.</td>
<td>Moderate</td>
<td>Long Term</td>
<td>Hoodland Fire District Deputy Fire Marshal</td>
</tr>
</tbody>
</table>

### Defensible Space/Fuels Reduction

<table>
<thead>
<tr>
<th>Action Item</th>
<th>Wildfire Hazard Priority</th>
<th>Timeframe</th>
<th>Partners</th>
</tr>
</thead>
<tbody>
<tr>
<td>Use the Firewise recognition program to build capacity for encouraging landowners and developers of developed and undeveloped lots to maintain vegetation to protect adjacent homes and infrastructure from wildfire. Consider sending a mailer to all homeowners informing them of the Communities Firewise program and recommendations for compliance.</td>
<td>High</td>
<td>Ongoing</td>
<td>Hoodland Fire, ODF, USFS, BLM</td>
</tr>
<tr>
<td>Consider developing a standard for vegetation maintenance in developed and undeveloped lots and adding this language to the HOA covenants.</td>
<td>Moderate</td>
<td>Long Term</td>
<td>Hoodland Fire Deputy Fire Marshal, ODF</td>
</tr>
<tr>
<td>Work with the USFS to identify and implement fuels reduction projects that will protect public and private land from wildfires by creating shaded fuel breaks, limbing trees up to at least 12-14 feet, and spacing shrubs and trees to meet firewise standards (Attachment 3).</td>
<td>Moderate</td>
<td>Long Term</td>
<td>USFS, BLM</td>
</tr>
</tbody>
</table>
### Table 4. Common Areas: Infrastructure & Right of Ways Recommendations

#### Pool House/Tennis Court/Pond Area: High Wildfire Hazard

<table>
<thead>
<tr>
<th>Task</th>
<th>Hazard Level</th>
<th>Duration</th>
<th>Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ladder fuels are encroaching onto the road and trail leading from East Village Loop Road to the pool and tennis court. Create safe access along the road and create a fire break along the trail by treating ladder fuels at least 14 feet high and along on both sides (where possible).</td>
<td>High</td>
<td>Ongoing</td>
<td>ODF</td>
</tr>
<tr>
<td>Work with private landowner to reduce heavy fuels by implementing Firewise standards for shaded fuel breaks and tree and shrub spacing in 12 private undeveloped lots adjacent to the road, trail pool, tennis court and pond common area.</td>
<td>High</td>
<td>Long Term</td>
<td>Hoodland Fire, ODF</td>
</tr>
<tr>
<td>Create and maintain at least 30 feet of clearance around the propane tank by the pump house.</td>
<td>High</td>
<td>Ongoing</td>
<td>ODF</td>
</tr>
<tr>
<td>Work with the BLM to reduce ladder fuels and create shaded fuel breaks in the Common Areas and federal land adjacent to the pool and tennis court area.</td>
<td>High</td>
<td>Long Term</td>
<td>ODF, BLM</td>
</tr>
<tr>
<td>Clear the burn pile at the pump house.</td>
<td>Moderate</td>
<td>1 Year</td>
<td>HOA</td>
</tr>
<tr>
<td>Remove large Cottonwood stumps adjacent to pool.</td>
<td>Low</td>
<td>1 Year</td>
<td>HOA</td>
</tr>
</tbody>
</table>

#### Condo Common Area: High Wildfire Hazard

<table>
<thead>
<tr>
<th>Task</th>
<th>Hazard Level</th>
<th>Duration</th>
<th>Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reduce heavy and dense ladder fuels between the triplex and the trail that could potentially provide emergency access and use this as a Firewise demonstration area.</td>
<td>High</td>
<td>Ongoing</td>
<td>ODF</td>
</tr>
<tr>
<td>Work with the landowner of the large condo lot to reduce ladder fuels and create shaded fuel breaks throughout the area.</td>
<td>Moderate</td>
<td>Long Term</td>
<td>ODF</td>
</tr>
</tbody>
</table>

#### Main Pump House/Water Tower: Moderate Wildfire Hazard

<table>
<thead>
<tr>
<th>Task</th>
<th>Hazard Level</th>
<th>Duration</th>
<th>Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>This site has already been treated for fuels, as there is 10 feet of clearance around the pump house and it has a metal roof. Continue maintenance of vegetation around this site. Consider treating the ladder fuels from the pump house to the adjacent private land.</td>
<td>Moderate</td>
<td>Ongoing</td>
<td>ODF</td>
</tr>
</tbody>
</table>

#### Waste Treatment Pump: Low Wildfire Hazard

<table>
<thead>
<tr>
<th>Task</th>
<th>Hazard Level</th>
<th>Duration</th>
<th>Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continue to maintain vegetation along the road leading to the waste treatment pump at least 14' vertical clearance and 14' on either side of the road where possible. Continue to clear and maintain vegetation at least 30 feet around the waste treatment pump.</td>
<td>Low</td>
<td>Ongoing</td>
<td>ODF</td>
</tr>
</tbody>
</table>
**Zig Zag Village Right of Ways**

**ROW #1 Unimproved trail: High Wildfire Hazard**
- Reduce ladder fuels along the ROW at least 14 ft. high. Work with adjacent property owners to reduce hazardous fuels to the west (condo Common Area) and the the East (private property).
- High
- Long term
- ODF

**ROW #2 Trail from entrance to small creek: Moderate Wildfire Hazard**
- Remove trees surrounding the hydrant and work with the property owner to reduce ladder fuels west of the trail.
- Moderate
- 2 Years
- Hoodland Fire, ODF

**ROW #3 Riparian Area: Low Wildfire Hazard; No Recommendations**

**ROW #4 Trail connecting riparian area to Village Loop Rd: Low Wildfire Hazard; No Recommendations**
- Continue to maintain trail with at least 14 feet vertical clearance and 10-15 feet on either side to keep access open and to potentially serve as a fire break.
- Low
- Ongoing
- Landowners

**ROW #5 Trail from Village Loop Road to Sandy River: Low Wildfire Hazard; No Recommendations**

**ROW #6 Area along Sandy River: Low Wildfire Hazard; No Recommendations**

**ROW #7 Snowcap Road: Moderate Wildfire Hazard**
- Reduce heavy fuels on the corner of Snowcap Road and Lolo Pass.
- Moderate
- 2 years
- ODF
Overall Risk of Wildfire in Clackamas County

Legend

- Low
- Low - Moderate
- Moderate
- Moderate - High
- High

Important Info:
- Fire Districts
- Clackamas County
- Mt Hood National Forest
- Bureau of Land Management
- Oregon Department of Forestry
- Major Rivers and Lakes
- Rivers, Streams and Creeks

Overall Risk of Wildfire in Clackamas County determined from state-wide risk assessment model outlined in 2004 by the Oregon Department of Forestry and a statewide steering committee. For the purpose of determining relative risk within Clackamas County only five categories were used rather than just low, moderate and high.

Map #1
ATTACHMENT #1

FIREWISE
Communities/USA

Protect your home and community!
Make your home fire-safe!

Saturday, June 2nd, 9:30-3:30, the Oregon Department of Forestry will be conducting a FIREWISE safety assessment on our homes inside Zig Zag Village.

Oregon Department of Forestry and the Hoodland Fire Staff will be providing free home assessments to residents with information about how to substantially reduce the risk of losing your home to fire.

You may make an appointment if you choose by calling Cindy Kolomechuk at 503.829.2216 (office) or 971.275.4397 (cell).
Spring Clean-Up at Zig Zag Village

VOLUNTEERS WANTED
Saturday, June 9, 2012
10:00am
The Chipper is scheduled!

Please follow a few simple rules to speed up the chipping and clean-up process, thereby lowering the overall cost to the association. This service is provided as part of your homeowner dues.

- Limbs MUST lay in one direction,
- Limbs are to be no smaller than one centimeter in width and no larger than four inches
- NO VINE MAPLES

NOTE: This year the chips will not be hauled away – you get to keep them! Please let the person chipping know where you would like the chips be blown. If you are not going to be present, or leave instructions as to where to blow wood chips, please do not leave branches. We will not be able to transport debris away from your property.

Other possible exciting opportunities:

- Pick up trash on Lolo Pass milepost 2-3
- Clear roads of debris
- Clean tennis court
- Clean pool area
- Other miscellaneous jobs

Please bring the following tools as they apply to the task for which you are willing to do: Rakes, Push Brooms, Shovels, Wheelbarrow, etc.

THANK YOU! We look forward to seeing on June 9th!
1. Develop an Emergency Plan
- Discuss what you will do in an emergency.
- Have an Evacuation Plan.
- Know how to turn off water, gas and electricity.
- Designate a location necessary but a safe distance from your home where you will meet to make sure everyone is OK.
- Identify an out-of-state phone or Internet contact where you and your family can check-in with their status if you are not all together when disaster strikes (long distance phone calls often work when local calls do not).

2. Assemble a Disaster Supplies Kit
This kit should be portable and enable you and your family to be self sufficient for 72-96 hours.
- Water—one gallon per person per day.
- Food—ready to eat, non-perishable, high protein, high calorie foods and a manual can opener.
- First Aid Kit and First Aid Reference Guide.
- Portable battery-operated radio and spare batteries.
- Flashlights and spare batteries and/or glow sticks.
- List of emergency contact phone numbers.
- Blankets, extra clothing, sturdy shoes and gloves.
- Three-day supply of medications, extra eyeglasses, hearing aids, etc.
- Copies of important documents (birth certificates, insurance papers).
- Crescent wrench or multi-purpose tool for utility shut-off.
- Duct tape and plastic sheeting for sheltering-in-place.
- Cash and coins for emergency purchases and pay phones.
- Emergency supplies for your pets.

3. Get Trained in Emergency Skills
In a major disaster, emergency responders will be quickly overwhelmed by demand for their services. You should know how to effectively respond to hazardous situations. Contact your local Emergency Manager, Red Cross, or fire department, and ask about specific training opportunities.

For more information, please visit:
- American Red Cross, Oregon Trail Chapter http://www.redcross-pdx.org/
- Community Emergency Response Teams https://www.clackamasshrine.org/cert
- Clackamas County Emergency Management http://www.co.clackamas.or.us/emergency/

ATTACHMENT #3
WILDFIRE
ARE YOU PREPARED?

Fire Department Business Numbers
Aurora Fire District 503-678-5966
Boring Fire District 503-663-4638
Canby Fire District 503-266-5581
Clackamas County Fire District #1 503-742-2660
Colton Fire District 503-824-2545
Escalante Rural Fire District 503-630-7772
Glodstone Fire Department 503-557-2775
Hoodland Fire District 503-672-1256
Lake Oswego Fire Department 503-635-0275
Molalla Fire District 503-829-2220
Monitor RFPD 503-634-2370
Sandy Fire District 503-668-8093
Silverton Fire District 503-873-5328
Tualatin Valley Fire & Rescue 503-649-8577

Wildland Fire Protection
Oregon Department of Forestry
- Molalla Unit 503-829-2216
- USDA Forest Service
  - Mt. Hood National Forest 503-668-1700

Burning Regulations
Department of Environmental Quality
Portland Office 503-229-5263
Main Office in Portland 503-229-5696
Toll-Free 800-542-4011
Public Affairs Coordinator
  - NW Region, Portland 503-229-6486

Other Useful Numbers
PGE outages/emergencies 800-544-1795
Northwest Natural 800-442-4012
During a disaster: call Clackamas County Phone bank 503-655-8224
Information and Referral 2-1-1

How to Protect Your Home
www.firewise.org

Community Wildfire Planning
A Clackamas County Community Wildfire Protection Plan (CCWPP) was developed in an effort to reduce the vulnerability of communities at risk to wildfire in Clackamas County. One primary element of this CCWPP is to engage citizens in reducing wildfire hazards around their homes and in their communities. If you would like more information regarding community wildfire protection plan, please contact your local fire district. For more information on making your home fire-safe, please visit:
- Fire Wise http://www.firewise.org/
- Clackamas County Fire Prevention Cooperative http://www.ccfpc.org/
- Clackamas County Wildfire Protection Plan http://www.co.clackamas.or.us/emergency/ccwpp.htm
Protect Your Driveway/Escape Route
1. Post address in a location that is visible from all directions for at least 150 ft. using numbers that are at least 4 inches tall.
2. Maintain a road width of at least 12 ft. wide (20 ft is preferred).
3. Trim branches along driveway at least 14' tall and 14' wide for fire trucks.
4. Protect driveway from advancing fire by thinning vegetation at least 14 feet from each side of the road.
5. Bridges must be engineered to support the weight of fire vehicles and load capacity should be posted.

Protect Your Home
6. Replace wood shake roofs with non-flammable roofing material.
7. Remove leaves and needles from gutters, roofs and decks.
8. Remove tree limbs that overhang roof.
9. Remove flammable lawn furniture, door mats, etc.
10. Screen vents and areas under decks with 1/8" metal mesh.

Within 30 feet of your home
11. Maintain 30' non-combustible clearing around your home and outbuildings.
12. Locate wood piles away from all buildings.
13. Dispose of debris safely—Follow all fire regulations and consider burn barrels instead of open burning.

Within 100 feet of your home
14. Remove dead plants and brush.
15. Prune branches of mature trees 10-15 feet above ground.
16. Space shrubs and trees at least 15 feet apart on slopes.
17. Trim shrub and brush heights to less than 3 feet.
18. Mow grass to 5 inches.

The roof is the most vulnerable part of your house during a wildfire. Consider using fire-resistant roofing materials.
Defensible space allows firefighters room to put out fires.
Fire moves 16 times faster on slopes. Increase spacing of shrubs by 5 feet for every 20% slope increase.