AGENDA

Monday, October 21, 2019 – 4:00 to 6:30 pm
Barnes and Sawyer Meeting Rooms – 1300 NW Wall Street, Bend

4:00 Call to order and summary of October 14 meeting (Nick Lelack)
4:15 Discuss Wildfire Hazard Maps/Zones concepts (Ed Keith, Tim Berg)
5:15 Break
5:30 Resume Wildfire Hazard Maps / Zones discussion (All)
5:45 Identify and discuss R327.4 decision points (Chris Gracia, Ed Keith)
6:15 Preparation for November 4 meeting (Project Management Team)
6:30 Adjournment

Next meeting:
Monday, November 4, 2019 – 4:00 to 6:30 pm
Barnes and Sawyer Meeting Rooms – 1300 NW Wall Street, Bend
MEMORANDUM

DATE: October 16, 2019
TO: Wildfire Mitigation Advisory Committee (WMAC)
FROM: Project Management Team
RE: October 21st Meeting Materials and Preparation

On October 14, 2019, WMAC held its first meeting. The agenda and meeting packet are posted online www.deschutes.org/wildfirecommittee, and the meeting minutes will be uploaded upon approval.

I. Wildfire Hazard Map / Zone

The primary objective of this meeting is to discuss how to update Deschutes County Wildfire Hazard Zone based on the Oregon Department of Forestry’s (ODF) criteria in Oregon Administrative Rules (OAR) 629-044-0200 (weather, slope, fuel hazard, fuel distribution). Staff provided committee members a document titled, “Summary of Wildfire Hazard Zones”, on October 14. This document covers the four factors that comprise a Wildfire Hazard Zone and how each factor is determined. Please bring this document to the October 21 meeting.

To prepare for this discussion, please find attached a series of maps (discussed below). The first map, Attachment 1, is a jurisdictional map depicting federal, private and city properties. Attachments 2 – 7 identify each ODF hazard factor and applicable value or rating (i.e. 0-3), followed by a composite map applying all four hazard factors with ratings County-wide (Attachment 8). Staff will present the methodology at the meeting.

Per OAR 629, Wildfire Hazard Zones shall be determined based on a landscape approach. However, the OAR does not define or prescribe a landscape approach. Staff will present maps (Attachments 9 – 12), which provide examples of landscape approaches for the WMAC’s consideration. WMAC members are encouraged to propose additional landscape approaches that staff prepare and present at the WMAC’s subsequent meeting on November 4.

In preparation for this meeting, committee members should review the maps provided in the packet, and consider:

- What is the right geographic scale or landscape approach to update the County’s Wildfire Hazard Zone?
- What is the most appropriate methodology to score areas (raw numbers or rounding)?
II. Oregon State Building Code R-327.4 Decision Points

Another objective of the WMAC is to review and recommend whether and how to apply R-327.4 construction standards in areas under Deschutes County’s building jurisdiction, which include the unincorporated County, and in the cities of Sisters and La Pine.

Staff will provide a summary of major R-327.4 decision points at this meeting. Discussions on these decision points will begin on November 4. Staff believes it is important for the WMAC to clearly understand the decision points prior to recommending one or more Wildfire Hazard Zones to the Board for consideration.

III. Next Steps

The next WMAC meeting will be on November 4. The agenda is currently expected to cover the following major topics:

1. Continue review, discussion, and refinement of one or more Wildfire Hazard Zone concepts.

2. Discuss the estimated cost estimates to implement R-327.4. Staff will summarize available cost estimates, and invite committee members to share information and discuss their perspectives of the potential financial impact (building, insurance, etc.). Staff recognizes this is a key issue to several WMAC members and to the Board of County Commissioners (Board).

3. Discuss R-327.4 in-depth, beginning with the threshold question of whether the County should consider adopting this Code in any format prior to the WMAC's spending significant time discussing the specifics of implementation.

4. Staff will provide the first check-in with the Board following the first three WMAC meetings on November 6.

As mentioned, there is a project specific website to share meeting materials and other relevant information: www.deschutes.org/wildfirecommittee.

Attachments

1. Jurisdiction Map
2. Weather Hazard Factor Map
3. Topography Hazard Factor Map
4. Vegetation Cover Map
5. Vegetation Cover Hazard Factor Map
6. Fuel Model Map
7. Fuel Model Risk Factor Map
8. Total Risk Map
9. Hazard Map by CWPP Subregion Boundary (Whole number)
10. Hazard Map by CWPP Subregion Boundary (Decimal)
11. Hazard Map by School Districts
12. Hazard Map by Fire Districts
Deschutes County
Wildfire Hazard

Fire Weather Hazard
Risk Factor

October 10, 2019
File: N:\Custom\County\GIS\WildfireRiskAssessment

DISCLAIMER:
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October 10, 2019
File: N:\Custom\County\CDD\WildfireRiskAssessment

Deschutes County Wildfire Hazard
Fuel Behavior Risk Factor

0
2
1
3
Deschutes County
Wildfire Hazard By Community
Wildfire Protection Plan Area

Weighted Average Risk

- 0.00 - 3.69
- 3.70 - 5.49
- 5.50 - 5.99
- 6.00 - 6.49
- 6.50 - 6.99
- 7.00 - 7.49
- 7.50 - 7.99
- 8.00 - 8.49
- 8.50 - 9.10

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