

Appendix E: City of Keizer

Addendum to the Marion County Natural Hazards Mitigation Plan 2011 Amendments and Update

The Oregon Partnership for Disaster Resilience prepared this Appendix to the City of Keizer Addendum to the Marion County Natural Hazard Mitigation Plan (Keizer Addendum) as part of the 2010-11 update to the Marion County Natural Hazard Mitigation Plan. Upon local adoption, the appendix will become part of the Keizer Addendum and will ensure that the City of Keizer maintains FEMA Pre-Disaster Mitigation Program eligibility as well as compliance with the Marion County NHMP.

This appendix is organized according to the sections outlined in the Keizer Addendum. A description of each section is presented below with proposed changes and updates following each.

Section 1: Planning Process

The planning process section of the Keizer Addendum describes the activities used by the steering committee and community to develop the plan. Updates to the Planning Process section are as follows:

On Page 5, following Paragraph 1 of the “Adoption” subsection, insert the following language:

On _____, 2011, Marion County adopted an update to the Marion County Natural Hazard Mitigation Plan. The City of Keizer subsequently adopted Appendix E of the City of Keizer Addendum to the Marion County Natural Hazard Mitigation Plan by resolution on _____, 2011. With said adoption, all changes outlined in Appendix E are incorporated into the City of Keizer Addendum to the Marion County Natural Hazard Mitigation Plan by reference.

Section 2: Community Profile

The community profile section of the Keizer Addendum describes a variety of community characteristics specific to the City of Keizer. Given the limited amount of time that has elapsed since the community profile was developed, no changes are required or proposed.

Section 3: Risk Assessment

The risk assessment section of the Keizer Addendum describes the types, causes, characteristics and relative risk posed by natural hazards on the City of Keizer. Based on new information compiled during the Marion County NHMP update process, updates to the Keizer Addendum include the following:

On Page 22, first paragraph following “Vulnerability scores...”, delete sentences one and two and replace with the following paragraph:

Because Marion County’s Natural Hazards Mitigation Plan (NHMP) does not provide probability and vulnerability estimates, all references to Marion County’s probability and vulnerability rankings are referencing Marion County’s 2006 Hazard Analysis document (see Appendix A). When Marion County’s NHMP is updated in 2012, the county’s steering committee will incorporate probability and vulnerability ratings in the NHMP.

The referenced Marion County probability and vulnerability scores in each hazard annex are taken from the 2011 Natural Hazard Mitigation Plan. The Marion County steering committee reviewed scores during the plan update process (NHMP 2010-11) and modified if the steering committee believed they did not accurately reflect Marion County’s current probability and vulnerability.

On Pages 22 and 23, delete Paragraphs 3 and 4 of the “Drought” subsection, and replace with the following paragraphs:

According to Marion County’s Natural Hazards Mitigation Plan, two major droughts have occurred in the past 33 years. The period between 1976 and 1977 was the single driest year of the century. Similarly, February 2005 was the driest February on record since 1977. Keizer estimates a low probability that droughts will occur in the future. (Note: Marion County does not estimate probability or vulnerability ratings for drought related events. As such, Keizer is unable to say whether its vulnerability and probability estimates are greater than the county’s.)

Because the city of Keizer has adequate water supplies, emergency agreements, and effective water curtailment plans, the city estimates a low vulnerability to drought events. Due to expected changes and unpredictability in climate patterns, the city acknowledges uncertainty in this estimate, and will re-evaluate conditions when this plan is updated.

*The Marion County NHMP adequately describes the causes and characteristics of drought for the region, as well as the location and extent of potential drought hazards. While Marion County estimates high probability and vulnerability to drought events, Keizer estimates both the probability and vulnerability to drought as **low**. The explanation and findings that follow*

support the variation between the city and county assessments of drought risk.

Because the city of Keizer has adequate water supplies, emergency agreements, and effective water curtailment plans, the city estimates a low vulnerability to drought events. Due to expected changes and unpredictability in climate patterns, the city acknowledges uncertainty in this estimate, and will re-evaluate conditions in future updates.

On Page 44, Paragraph 2 following the bulleted list, delete sentences one and two, and replace with the following paragraph:

~~*Marion County estimates a high probability that flooding will occur in the future, and a moderate vulnerability to flood hazards. Both ratings are true for the city of Keizer as well.*~~

*Marion County estimates a high probability that flooding will occur in the future. During the 2010-11 update, Marion County amended the county flood vulnerability rating from moderate to high. Keizer concurs with the County flood probability assessment; the probability of flooding in Keizer is **high**. With an estimate of **moderate**, Keizer varies from the county in its assessment of flood vulnerability. The following explanation and findings support the variation between the city and county vulnerability assessments.*

On Page 34, Paragraph 1 of the “Landslide” subsection, delete sentence two and replace with the following:

~~*Currently, there is no comprehensive list of landslide events and/or dates for Marion County, and the same is true for the city of Keizer.*~~

The Marion County NHMP lists a brief history of landslides in the count; there is no comprehensive list of landslide events for Keizer and there is limited evidence of past landslide activity.

On Page 45, Paragraph 3 of the “Landslide” subsection, delete sentence one and replace with the following:

~~*Marion County does not estimate probability or vulnerability ratings for landslide hazards.*~~

The Marion County NHMP estimates the probability and vulnerability to landslide as high and moderate respectively.

On Page 46, Paragraph 2 of the “Volcano” subsection, delete sentence four and replace with the following:

~~*According to the Marion County Natural Hazards Mitigation Plan, Plan, the communities that would be most affected by a volcanic eruption in Marion County are Detroit and Idanha, should Mount Jefferson erupt.*~~

According to the Marion County Natural Hazards Mitigation Plan the communities that would be most affected by a volcanic eruption in Marion County are Detroit and Idanha, should Mount Jefferson erupt.

On Page 52, Paragraph 1 of the “Windstorm” subsection, delete sentence two and replace with the following:

~~*Marion County’s plan also describes historical wind storm events up to 2005.*~~

Marion County’s plan also describes historical wind storm events through 2010.