

Appendix E: City of Silverton

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 Silverton Addendum to the Marion County Natural Hazard Mitigation Plan (Silverton 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 Silverton Addendum and will ensure that the City of Silverton 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 Silverton 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 Silverton 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 Silverton subsequently adopted Appendix E of the City of Silverton 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 Silverton Addendum to the Marion County Natural Hazard Mitigation Plan by reference.

Section 2: Community Profile

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

On Page 30, 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 Page 30, Paragraph 2 of the “Drought” subsection, delete sentences 3 through 7, and replace with the following:

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. Given the frequency of past events, Silverton estimates a high probability that droughts will occur in the future. (Note: Marion County does not estimate probability or vulnerability ratings for drought related events. As such, Silverton is unable to say whether its vulnerability and probability estimates are greater than the county’s.)

According to Marion County’s Natural Hazards Mitigation Plan, several major droughts have occurred in the last century. 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. Given the frequency of past events, Silverton, agreeing with Marion County, estimates a high probability and vulnerability to drought events.

On Page 45, Paragraph 1 of the “Flood” subsection, 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 Silverton 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. Silverton concurs with the County flood probability assessment; the probability of flooding in Silverton is **high**. With an estimate of **moderate**, Silverton 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 51, 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 Silverton.*~~

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

On Page 51, Paragraph 4 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 57, Paragraph 5 within the “Wildfire” subsection, add the following sentences between the first and second sentences of the paragraph:

*With an estimate of **high**, Silverton varies from the county in its assessment of wildfire vulnerability. The following explanation and findings support the variation between the city and county vulnerability assessments.*