

Appendix A:

Public Participation

Public participation is an important component in identifying hazard risks, impacts and hazard mitigation activities contained in this natural hazards mitigation plan. Public participation offers citizens the chance to voice their ideas, interests and opinions. Oregon’s land use system addresses the need for public process in Statewide Land Use Planning Goal 1: Citizen Involvement. The citizen involvement goal ensures the opportunity for citizens to be involved in the planning process.

The Federal Emergency Management Agency’s (FEMA) Disaster Mitigation Act of 2000 (DMA2000) includes requirements for involving the public in natural hazard mitigation planning. The DMA2000 states:

“An open public involvement process is essential to the development of an effective plan. In order to develop a more comprehensive approach to reducing the effects of natural disasters, the planning process shall include:

- 1. An opportunity for the public to comment on the plan during the drafting stage and prior to plan approval.*
- 2. An opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, and agencies that have the authority to regulate development, as well as businesses, academia and other private and no-profit interests to be involved in the planning process.”¹*

2005 Public Participation

For the development of the 2005 natural hazards mitigation plan, the public was notified and engaged in the planning process in three ways: (1) a nine-member steering committee was established comprised of the nine regular Planning Commission members; (2) a focus group survey was sent to 99 identified stakeholders, experts and interested parties; and (3) the public was invited to participate in all steering committee meetings and public workshops through the issuance of press releases and published public notices.

2005 Steering Committee

The Hazard Mitigation Plan Steering Committee guided the development of the plan and participated in major decision-making including goal setting and identifying and prioritizing action items. The steering committee was comprised of the nine regular Planning Commission members, representing a broad cross-section of Linn County residents from various professions and regions of the county. The committee members’ knowledge of community issues helped ensure the plan was specific and relevant to the county. Members of the 2005 steering committee were:

| <u>Name</u> | <u>Linn County Region: Profession</u> | <u>Years on Commission</u> |
|-------------------|--|----------------------------|
| Robert Bronson | Harrisburg: Insurance Agent | 23 years |
| David Furtwangler | Lebanon: Forestry Consultant | 2 years |
| Scott Mackie | Lacomb: Building Contractor | 6 years |
| Jerome Magnuson | Albany: Farmer | 10 years |
| John McKinney | Lebanon: Building Contractor | 12 years |
| Gary Metts | Scio: Technology Coordinator | 14 years |
| William Tucker | Lacomb: Real Estate Agent/Farmer | 8 years |
| Mary VanAgtmael | Scio: Industrial Millwright Contractor | 6 years |
| Ronald Walsh | Corvallis: Chemist -- Teledyne Wah Chang | 23 years |

The steering committee held a series of six planning meetings. Public and agency participation was solicited and encouraged at each planning meeting. To increase public awareness and participation, the county sent press releases and public notices soliciting public input to the 10 statewide, local and regional newspapers serving Linn County residents, and to individual citizens who requested inclusion in the mailing list.

The Steering Committee members have a great deal of knowledge and familiarity with the history and impacts of natural hazard events throughout Linn County. The steering committee guided development of the plan by setting plan goals, identifying stakeholders, involving the public, and developing and prioritizing action items.

The steering committee met on the following dates:

Steering Committee Meeting #1: November 9, 2004

Andre LeDuc of the Oregon Natural Hazards Workgroup (ONHW) and Bill Burns of the Oregon Department of Geology and Mineral Industries (DOGAMI) provided the Steering Committee with an overview of the Disaster Mitigation Act of 2000 (DMA2000) background, planning process and plan requirements. The Planning and Building Department mitigation plan project manager presented a staff report explaining the county's Pre-Disaster Mitigation (PDM) Grant; the mitigation plan scope of work; work program; project schedule; and the natural hazards questionnaire.

Steering Committee Meeting #2: January 11, 2005

The steering committee reviewed draft chapters covering plan Section 1: Introduction and Planning Process; Section 2: Community Profile; and Section 6: Flood hazards. The committee members reviewed flood, precipitation and watershed maps; discussed the issues and data in the plan chapters; provided feedback; and recommended chapter edits. The committee also discussed the ONHW risk assessment training.

Steering Committee Meeting #3: April 12, 2005

On March 3, 2005 the Steering Committee was sent drafts of Section 7: Landslide Hazards; and Section 8: Wildfire Hazards. The committee members reviewed these sections and prepared feedback and chapter edits for the April 12, 2005 meeting.

The Steering Committee developed the draft plan mission, goals, objectives and action items. Krista Mitchell of the ONHW facilitated the Goal Setting and Action Item Development Workshop. Participants included the Steering Committee and representatives from the cities of Albany, Lebanon, and Scio; the Oregon Department of Forestry; DOGAMI; the County Roadmaster; the County Building Official; the Planning and Building Department Director; the Linn County Emergency Management Coordinator; and other interested citizens.

Steering Committee Meeting #4: May 17, 2005

The Steering Committee reviewed the draft Section 9: Severe Weather Hazards and the responses to the Focus Group Survey. Krista Mitchell of the ONHW facilitated the follow-up goal and action item meeting. The Steering Committee approved the draft plan goals with minor amendments. The Committee approved the draft plan objectives with minor amendments. The Committee discussed each of the original 49 draft action items. The Committee approved, struck or revised many of the draft actions to develop a draft action item matrix.

Steering Committee Meeting #5: June 14, 2005

The Steering Committee reviewed the revised action item matrix and corresponding action item proposal forms. The committee modified several action items and adopted several new actions. The committee adopted action items, assigned the lead organizations, identified internal and external partners, and discussed implementation for one-half of the draft action items.

Steering Committee Meeting #6: June 28, 2005

The Steering Committee reviewed the revised action item matrix and corresponding action item proposal forms. The committee modified several action items and adopted several new actions. The committee adopted action items, assigned the lead organizations, identified internal and external partners, and discussed implementation measures.

Public Workshops

The public was encouraged to participate in all the steering committee meetings and public workshops. Time was set aside at each meeting for public participation. Public participation provided valuable inputs addressing experiences and concerns relating to natural hazard impacts in Linn County, possible mitigation strategies, and goal setting and action item priorities.

Focus Group Survey

A contact list of 117 possible stakeholders and interested parties was developed that included representatives from state and other governmental agencies; each incorporated city in the county; the special taxing districts, including education, public safety and water districts; county department heads; private utility companies; other interested private businesses; various citizen groups and clubs; and other interested private citizens.

The individuals identified on the stakeholder list were invited to participate in the steering committee meetings and were sent a short survey soliciting information on their experiences and understanding of natural hazards in Linn County; the effectiveness of current mitigation activities; and recommendations for future hazard mitigation policies and activities.

The survey was sent to 99 identified experts, stakeholders and interested citizens. Recipients were asked to respond to nine general natural hazard-related questions as they pertain to flood, storm, windstorm, landslide, wildfire, earthquake, volcanic, or other natural hazards in Linn County. A total of 14 identified stakeholders responded to the survey. The survey results were compiled to help formulate various sections of the plan, and were presented to the steering committee to help identify goals and hazard specific action items.

Survey Respondent Comments: Natural Hazard Mitigation Survey

Question 1: What types of natural hazards impact your residence, place of work, or local community?

- All the above (Lebanon Community School Dist.)
- Wind storms, heavy rain, snow melt (Mill City RFPD)
- Floods, windstorms (high winds/tornado), winter storms (snow, ice), volcanic ash, earthquake (City of Albany)
- Windstorms, severe winter storms, floods, landslides and wildfires have caused destruction of our power system, thereby causing a loss of power to our customers (Consumers Power)
- Windstorms, floods, snow and ice, wildfires, possible earthquake (Linn Co. Surveyor)
- Floods, storms, windstorms (Linn Co. Clerk)
- Floods, severe winter storms, windstorms, West Nile virus (Linn Co. Extension)
- Windstorms, wildfire, earthquake (City of Idanha)
- Floods, windstorm, ice (City of Harrisburg)
- Floods, windstorms, ice (Santiam Canyon School Dist.)
- Potentially all of them (City of Sweet Home)
- Wind, ice storms, and flooding impact my residence and community; downed trees cut power for days and block roads for hours (City of Sweet Home)
- Wildfire, debris torrents, landslides (Sweet Home Dept. of Forestry)
- All of the above (Linn Benton Lincoln ESD)

Question 2: How have you personally been impacted by natural hazard events in Linn County?

- Yes (Lebanon Community School Dist.)
- We get called to all events in and around our district (Mill City FRPD)
- The City of Albany has been impacted by floods, ice, snowstorms, and windstorms
- Yes, Consumers Power has experienced destruction of its electrical facilities in Linn County due to natural hazard events.
- Windstorms have blown trees on buildings and fences, knocked out power. Ice and snow have made travel to work or home difficult at times each winter. Heavy rains have washed out or flooded roads preventing travel (Linn Co. Surveyor)
- Windstorm damage to my house (falling tree limbs) and flooding (Linn Co. Clerk)

- During the flooding of 1996, highway 34 from Albany in Linn County to Corvallis was closed. Consequently, there was much additional traffic traveling on highway 20 to Corvallis and lengthy delays in travel. Many of our OSU Extension Service events scheduled during those weeks has to be cancelled due to the flooding conditions. There was an increase in requests for information on well water testing, purifying water, tree damage, etc. In January Of 1996, we had an ice storm that caused hazardous travel conditions on our county highways. In 1004, West Nile virus spread to Linn County and resulted in many calls from customers seeking information. (Linn Co. Extension)
- Yes (City of Idanha)
- Yes, windstorm property damage (City of Harrisburg)
- Yes, a severe windstorm in February 2002 caused several thousand dollars worth of damage (Santiam Canyon School Dist.)
- Yes (City of Sweet Home)
- Yes, I have gone without power for days and been unable to leave my property during storms (City of Sweet Home)
- Responsible for wildfire suppression for Linn Forest Protective Association and resources within the South Cascade District, Sweet Home Unit (Sweet Home State Forestry)
- Winter storm damage, mainly to trees (Linn Benton Lincoln ESD)

Question 3: Please identify significant past natural disaster events, such as severe windstorms, ice storms, or flooding that have impacted Linn County?

- Windstorm of February 2002, winter snows (Lebanon Community School Dist.)
- In 1996, heavy snow melt caused severe high water, numerous high wind storms in the past 4-5 years, freezing rain/ice storms in 2003 (Mill City RFPD)
- 1996 – floods, 2004 – ice and snow, 1995-2003 – windstorms (City of Albany)
- In the February 2002 windstorm, 35 transmission poles plus dozens of distribution poles in the Harrisburg areas were blown down. In the December 29-31, 2003 snow storm and the January 5-7, 2004 ice storm many hundreds of service wires and wire spans between poles, plus many poles were downed by falling trees and branches (Consumers Power)
- 1962 – Columbus Day windstorm; 1964 – flooding around Christmas; 1969 – snowstorm in January; 1973 – freeze with snow; 1989 – snowstorm and freeze; December 1996 – wind and rainstorm, flooding, power outages; 2004 – winter storm with ice and snow (Linn Co. Surveyor)
- I cannot recall the specific dates (Linn Co. Clerk)
- 1962 – windstorm (Columbus Day storm); 1996 – flooding (Linn Co. Extension)
- Earthquake, flood, wildfire, windstorm (City of Idanha)
- February 2003 – windstorm; 1996 flooding (City of Harrisburg)
- Yes, a severe windstorm in February 2002 caused several thousand dollars worth of damage (Santiam Canyon School Dist.)
- Floods (1964, 1996, 1997); windstorm (1992), ice and snow (City of Sweet Home)
- January 2004 snow and ice storm; 1996 flood (City of Sweet Home)
- 1987 – Calapooia fire (2000 acres); 1998 – Thomas Creek fire (80 acres); 2001 – Island Inn fire (29 acres); 2003 – Overton Gap fire (40 acres); 1996 – floods; 2002 – February windstorm (Sweet Home Forestry Unit)
- In the 2 ½ years I have lived here, only one winter storm caused damage (Linn Benton Lincoln ESD)

Question 4: What current activities, actions or projects are beneficial in reducing risks and preventing losses from natural hazard events in Linn County?

- None that come to mind (Lebanon Community School District)
- Some trimming of trees around power lines (Mill City RFPD)
- Tree limb trimming by power companies, building regulations pertaining to 100 year flood zone, earthquake zone building code, drainage requirements, road requirements for urban fire (City of Albany)
- Placing power lines underground will reduce risk due to wind, ice and snow, but will increase the risk due to earthquake. However, the cost to place lines underground system wide is prohibitive. Risks can also be reduced by replacing small brittle copper wire with stronger aluminum wire and by a more aggressive tree trimming program. CPI is proactively working to identify and replace aging plans where sound engineering practices identify the cost effectiveness of doing so. (Consumers Power)
- Hazard free removal along roads and power lines, road improvements on culverts and bridges and shoulder widening, planning and design of roads and buildings in mountainous areas to prevent slides or washouts, planning for not building in flood prone areas. (Linn Co. Surveyor)
- NA (Linn Co. Clerk)
- In September 1004, OSU Extension agriculture program leader Bill Braunworth released an emergency response handbook/folder of 18 extension publications and 7 internal documents, a CD-ROM with the digital files and a copy of the FEMA publication “Are You Ready?” This emergency response handbook of reference materials is available for checkout by individuals or groups from the OSU Extension Service, Linn County office. Another important resource is the Linn County Emergency Management Director, Jim Howell, has been very involved in activities for emergency preparedness. For example, he hosted an emergency preparedness drill for Linn County employees. Linn County Citizen Corps and Linn-Benton Neighborhood Emergency Training, part of FEMA; Brownsville Area Emergency Management Advisory Commission. (Linn Co. Extension)
- Dealing with trees that may impact power and phone lines (City of Harrisburg)
- Monthly fire and earthquake drills, monthly safety committee meetings, crisis and emergency management plan in place, close communication with local rescue officials, radio and TV broadcast services; we also serve as a public shelter for certain emergencies. (Santiam Canyon School District)
- Sweet Home is improving small watershed’s ability to handle flood waters; individual property protection from floods (City of Sweet Home)
- Trimming/cutting/transplanting trees in locations that affect power lines and roads. Work on Ames Creek (City of Sweet Home)
- We have recently concluded a \$100,000 national fire plan grant for fuels reduction and community education extending from Brownsville south to Lane County line along the valley and foothills. Preparing to begin a \$250,000 national fire plan grant for community education and fuels reduction starting at Brownsville and extending north along the foothills. (Sweet Home Forestry Dist.)
- I’m not aware of any (Linn Benton Lincoln ESD)

Question 5: What new activities, actions, or projects can reduce risks and prevent loss from future natural hazard events in Linn County?

- None that come to mind (Lebanon Community School Dist.)
- Cleaning of ditches and creeks would help on flooding. Taking out problem trees around electrical lines would help power outages. (Mill City RFPD)
- Tree limb trimming by power companies, building regulations pertaining to 100 year flood zone, earthquake zone building code, drainage requirements, road requirements for urban fire (City of Albany)
- Risks could be reduced by creating wider right-of-ways in utility corridors, but to do so taxes cooperation of landowners and special interest groups. (Consumers Power)
- More diligent removal of dangerous trees, and road improvement for better drainage. Better planning for slide and flood zone areas. (Linn Co. Surveyor)
- NA (Linn Co. Clerk)
- There is limited cell/radio service communications – no local news/weather broadcasts are available in this area (City of Idanha)
- Improve communications between agencies and share ideas and best practices; shut down the storms! (Santiam Canyon School Dist.)
- Reconnection of flood plains (City of Sweet Home)
- Continue work on waterways and drainage areas. Continue to work on trees at risk of causing damage. (City of Sweet Home)
- Continue to apply for national fire plan grants; enhance public education and involvement in fire protection and hazard fuels reductions adjacent to structures (Sweet Home Forestry Dept.)

Question 6: How can agencies, organizations, or individuals coordinate their efforts to reduce natural hazard risks in Linn County?

- Don't know (Lebanon Community School Dist.)
- Working together in rural areas to help small communities deal with these problems (Mill City RFPD)
- By developing a hazard mitigation plan for Linn County and cities, developing or using existing preparedness programs for citizens, get community organizations involved in preparedness programs (City of Albany)
- Improve communication between agencies, specifically providing a list of contacts and phone numbers that CPI can use to communicate with Linn County during such events (Consumers Power)
- Have a link on Linn County web site for input from the public to report possible hazards or risks (Linn Co. Surveyor)
- Better communication (Linn Co. Clerk)
- The public meetings are a good start. Have you considered a specialized Linn County web page for information dissemination. Consider an emergency preparedness summit meeting. (Linn Co. Extension)
- Coordinate putting utilities underground (City of Harrisburg)
- Someone needs to be responsible to take the lead and be accountable to make sure things are getting done (Santiam Canyon School Dist.)

- We all compete for the same funds, that makes it hard. More activities coordinated by Linn County Emergency Management. (City of Sweet Home)
- Be involved in citizen corp and other community groups and have multi-agency meetings on County wide issues. (City of Sweet Home)
- With our fire plan grants we involve landowners, fire districts, federal counterparts (BLM & USFS) (Sweet Home Forestry Dept.)
- Flow of information – if the county would provide information to help reduce risk, our agency could distribute to employees and their families (Linn Benton Lincoln ESD)

Question 7: Please list one or more important goals for pre-disaster natural hazard planning in Linn County.

- Don't know (Lebanon Community School Dist.)
- Preventative measures: cleaning ditches and creeks; cutting problem limbs and trees (Mill City RFPD)
- Integrate existing regulatory documents and programs; identify potential funding sources; improve collaborative programs between public, private, and community organizations (City of Albany)
- Public education is a very important goal. Vital services like electricity, water and telephone require right-of-ways that are accessible at all times and that can be maintained economically (Consumers Power)
- Weather warnings or road hazard signs with radio station information or phone numbers to call for updates placed on main roads throughout Linn County, like the State has on freeways (Linn Co. Surveyor)
- Better communication (Linn Co. Clerk)
- Develop a master list of local emergency contact information (including websites) specific to Linn County, including local chapter of the American Red Cross, city and county government officials, local shelters, food banks, hospitals, ambulance services, local media (radio stations, newspapers, and TV stations), key contact names including key volunteers (Linn County Extension)
- There is limited cell/radio service communications – no local news/weather broadcasts are available in this area (City of Idanha)
- To get by with as little loss as possible; to handle the disaster(s) with as little confusion as possible (Santiam Canyon School Dist.)
- Citizen preparedness (City of Sweet Home)
- Obtain others/citizens views and experiences as to where risks are and what would reduce the risk (City of Sweet Home)
- Prevent the catastrophic loss of homes and structures through education and fuels reduction when wildfires impinge upon the populated areas within our district (Sweet Home Dept. of Forestry)
- Transportation planning: assume a natural disaster occurred during a work day... where do people go and how do they get there? (Linn Benton Lincoln ESD)

Question 8: Would you like to be notified of scheduled hazard mitigation planning meetings?

- No thank you (Lebanon Community School Dist.)

- Yes (Mill City RFPD)
- Yes (City of Albany)
- Yes (Consumers Power)
- Yes (Linn Co. Surveyor)
- Like many, I now have little knowledge about this subject and end up reacting and coping with the effects of these kind of events. Many years ago, Linn County had a disaster planning team that included the elected officials. I believe the County Clerk's role was coordinating shelter activities in the event of a disaster (Linn Co. Clerk)
- Yes (Linn Co. Extension)
- Yes (City of Harrisburg)
- Yes (Santiam Canyon School Dist.
- Yes (City of Sweet Home)
- Yes (Sweet Home Dept. of Forestry)
- Yes (Linn Benton Lincoln ESD)

Question 9: Please provide names of anyone who you believe may be able to help identify or implement natural hazard mitigation strategies or activities in Linn County.

- Pacific Power and Light; City of Mill City (Mill City RFPD)
- Darrel Tedisch (City of Albany)
- Greg Nervino (451-6514), James Ramseyer (929-8531), Brad Kunda (929-8598) (Consumers Power)
- Darren Lane, Linn Co. Roadmaster; Linn County Commissioners; Dave Burrigh, Linn County Sheriff (Linn County Surveyor)
- Like many, I now have little knowledge about this subject and end up reacting and coping with the effects of these kind of events. Many years ago, Linn County had a disaster planning team that included the elected officials. I believe the County Clerk's role was coordinating shelter activities in the event of a disaster (Linn Co. Clerk)
- Jim Howell, Linn Co. Emergency Mgmt; Bill Braunworth, OSU Extension Agriculture Program Leader (541-737-1317) (Linn County Extension)
- Idanha City Council, Idanha/Detroit RFPD (City of Idanha)
- Tim Bunnell, Community Development Superintendent for Harrisburg (City of Harrisburg)
- Don Hoover, District Maintenance Mgr and member of the Mill City fire board (503-897-4057) (Santiam Canyon School Dist.)
- Ann Stein (466-5081) (City of Sweet Home)

2010 Public Participation

Steering Committee

The Hazard Mitigation Plan Steering Committee guided the development of the plan and participated in major decision-making including goal setting and identifying and prioritizing action items. The committee members' knowledge of community issues helped ensure the plan will be specific and relevant to the county.

The steering committee held a series of five planning meetings. Public and agency participation was solicited and encouraged at each planning meeting. To increase public awareness and participation, the county sent press releases and to the local newspaper serving Linn County residents, conducted a household preparedness survey and a stakeholder survey. Notice of update and request for comments was posted on the Linn County website.

In 2010 the county established a list of 112 stakeholders and interested parties. The stakeholder list included representatives from state and other governmental agencies; each incorporated city in the county; the special taxing districts, including education, public safety and water districts; county department heads; private utility companies; other interested private businesses; various citizen groups and clubs; and other interested private citizens. The individuals identified on the stakeholder list were invited to participate in the steering committee meetings and were sent a short survey soliciting information on their experiences and understanding of natural hazards in Linn County; the effectiveness of current mitigation activities; and recommendations for future hazard mitigation policies and activities.

The Steering Committee members have a great deal of knowledge and familiarity with the history and impacts of natural hazard events throughout Linn County. The steering committee guided development of the plan by setting plan goals, identifying stakeholders, involving the public, and developing and prioritizing action items. Members of the 2010 steering committee were:

| <u>Name</u> | <u>Representing</u> |
|--------------------|------------------------------------|
| Steve Barnett | GIS Department |
| Mike Beaver | Linn County Fire Defense Board |
| Brian Carroll | Parks Department |
| David Furtwangler | Planning Commission |
| John Hixson | Building Official/Floodplain Admin |
| Jim Howell | Emergency Management Coordinator |
| Chuck Knoll | Road Department/County Engineer |
| Darrell Tedish | City of Albany |
| Mary VanAgmael | Planning Commission |
| Robert Wheeldon | Planning & Building Director |

The steering committee met on the following dates:

January 28, 2010:

The Steering Committee decided what public strategies and opportunities to include during the 2010 update. Staff was directed to prepare a press release, provide information on the Linn County website with the ability to comment on the plan, conduct a household preparedness survey and a stakeholder's survey. The household preparedness survey was conducted by

Oregon Partnership for Disaster Resilience (OPDR) between February 19, 2010 and March 19, 2010. The survey and results can be found at the end of Appendix A. The stakeholders survey was conducted by OPDR and the Community Planning Workshop (CPW) on March 19, 2010. The survey summary can be found at the end of Appendix A.

Between the January and March meetings Steering Committee members reviewed all hazard assessments from the 2005 Linn County Natural Hazard Mitigation Plan and submitted comments to staff to edit for the 2010 update.

March 3, 2010:

The Steering Committee decided that prior to the next meeting (April 15, 2010); each member would review the remaining hazard assessments and risk assessment sections, and submit edits and comments to staff. The Steering Committee directed staff to compile all edits and comments of those sections and distribute them to the Steering Committee for review and discussion at the April 15 meeting.

April 15, 2010:

The Steering Committee discussed and approved draft sections distributed after the March 3, 2010 meeting. The committee then reviewed all action items in the Natural Hazard Mitigation Plan. They discussed and decided if each item was completed and if the action item needed to be deferred or deleted for the update. Ideas for new action items were discussed and committee members were asked to develop those new action items and submit them to staff. Staff was directed to distribute those items to the entire Steering Committee for discussion at the next meeting.

The Steering Committee re-evaluated the mitigation plan goals and mission. The Steering Committee found that the goals and mission are still consistent with the intent of the plan and consistent with the State of Oregon Natural Hazards Mitigation Plan. Staff led an exercise to prioritize the goals of the plan. The dot prioritization activity determined the ranking of the hazards in the plan and the ranking of the goals. The outcome established an action item priority score, which can be found on the Linn County Natural Hazard Mitigation Plan Action Item Matrix.

May 5, 2010:

The Steering Committee discussed and approved new mitigation action items. The committee members directed staff complete all edits of the NHMP and distribute the final draft versions to the committee members. The Steering Committee decided review the final draft of all sections and meet to discuss any changes in July.

July 29, 2010:

The Steering Committee reviewed all sections of the Linn County Natural Hazard Mitigation Plan update and asked staff to forward the final draft to the Planning Commission. The purpose of the Planning Commission meeting is to take public input and make a recommendation plan.

All agendas, minutes, meeting materials and sign in sheets can be found at the end of this appendix.

Appendix A Endnotes

¹ Code of Federal Regulations. 44CFR201 and 44CFR206



LINN COUNTY PLANNING AND BUILDING DEPARTMENT

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PRESS RELEASE

FOR IMMEDIATE PUBLICATION

Linn County Receives Grant for Natural Hazard Mitigation Planning

The Linn County Board of Commissioners has approved an agreement with the Oregon Partnership for Disaster Resilience (OPDR) to update the Linn County Natural Hazard Mitigation Plan. The Hazard Mitigation Plan update will address chronic natural hazards such as floods, severe winter storms, windstorms, landslides, and wildfires, as well as catastrophic hazards such as earthquakes and volcanoes.

The County's Natural Hazard Mitigation Plan identifies goals, actions items and resources designed to reduce risk and lessen impacts from future natural disaster events. Mitigation activities identified in the plan are intended to provide a number of benefits, including reduced loss of life, property, essential services, and critical facilities; reduced economic hardship; reduced short-term and long term recovery and reconstruction costs; increased cooperation and communication within the community through the planning process; and increased eligibility for state and federal funding for recovery and reconstruction projects.

Federal rules require the County to have an approved natural hazards mitigation action plan to qualify for pre-disaster hazard mitigation grants. The Linn County Natural Hazard Mitigation Plan was adopted in 2005 and is due for its 5 year update by November 2010. The plan will also qualify the county to receive certain post-disaster relief funds in the event a natural disaster occurs.

The project is funded by a \$20,000 grant through the federal Pre-Disaster Mitigation Competitive Grant Program for pre-disaster mitigation planning and projects addressing natural hazards. The county is contributing an additional \$7,000 in matching funds. The grant program is administered by the University of Oregon on behalf of the Community Service Center (Partnership for Disaster Resilience).

The County is asking for the public's input in the planning process by taking an on-line household preparedness survey. Please visit <http://opdr.uoregon.edu/mitigation/current/region3updates> to take the Linn County household preparedness survey. Anyone who is interested in participating in the process and would like additional information is asked to contact Olivia Glantz at the Linn County Planning and Building Department at 541-967-3816.

Valley residents can take part in online survey

BY ALEX PAUL
ALBANY DEMOCRAT-HERALD

Mid-valley residents are invited to participate in an online household preparedness survey as part of a larger natural hazard mitigation planning program, according to Robert Wheeldon, director of the Linn County Planning and Building Department.

Starting today, families can complete the survey at <http://opdr.uoregon.edu/mitigation/current/region3updates>. The survey will be online for one month.

Linn County has received a \$20,000 grant from the Pre-Disaster Mitigation Competitive Grant Program to help pay for a long-term pre-disaster mitigation plan. The county will add \$7,000. The current plan, developed in 2005, can be found at the county's website www.co.linn.or.us.

"We are required to update the plan every five years," Wheeldon said. "It's important. It helps us identify what the risks are from things such as floods, windstorms, landslides, wildfires, or earthquakes."

The goal, Wheeldon added, is to be able to mitigate such catastrophes by having programs in place concerning transportation, communication and available facilities.

"I think we're actually going to find that we have

done many of the things identified as needs in the last plan," Wheeldon said. "For example, we have a community wildfire protection plan in place."

Having a plan in place may help reduce the loss of life, property or services and decrease economic hardships.

The plan must be completed by November. Having a plan in place qualifies the county for post-disaster relief funds in the event of a natural disaster.

"We hope to identify items that might be helpful that aren't on the current list," Wheeldon said.

In addition to Wheeldon, members of the local steering committee include: Steve Barnett, Linn County GIS manager; Mike Beaver, Linn County Fire Defense Board; Brian Carroll, Linn County Parks and Recreation director; John Hixson, Linn County building official; Jim Howell, Linn County Emergency Management Coordinator; Chuck Knoll, Linn County Road Engineer; Darrell Tedisch, Albany Emergency Management Specialist; Mary VanAgtmael, Linn County Planning Commissioner. Project manager is Olivia Glantz, assistant planner.

Albany Democrat-Herald



Linn County Pre-Disaster Mitigation Planning PRESS RELEASE

DATE: July 20, 2010

TO: Linn County Public Information Offices

CC:

FROM: Linn County Planning and Building Director

SUBJECT: Press Release for Linn County Pre-Disaster Mitigation Plan Update – Notice and Opportunity for Public Comment

For Immediate Release

Linn County seeks public input on update to Multi-Jurisdictional Natural Hazards Mitigation Plan

(Albany, OR) – Linn County is currently in the process of updating the existing multi-jurisdictional Natural Hazards Mitigation Plan. This work is being performed in cooperation with the Oregon Partnership for Disaster Resilience and Oregon Emergency Management utilizing funds obtained from the Federal Emergency Management Agency (FEMA) Pre-Disaster Mitigation Grant Program. With re-adoption of the plan, Linn County will maintain its eligibility to apply for federal funding towards natural hazard mitigation projects.

A natural hazards mitigation plan provides communities with a set of goals, action items, and resources designed to reduce risk from future natural disaster events. Engaging in mitigation activities provides jurisdictions with a number of benefits, including reduced loss of life, property, essential services, critical facilities and economic hardship; reduced short-term and long-term recovery and reconstruction costs; increased cooperation and communication within the community through the planning process; and increased potential for state and federal funding for recovery and reconstruction projects. A draft version of the updated Linn County Natural Hazards Mitigation Plan will be available for public comment between July 20 and August 24, 2010. Copies of the plan will be available on the Linn County.

If you have any questions regarding the Linn County Natural Hazards Mitigation Plan or the update process in general, please call Oilvia Glantz, Planner at (541) 967-3816 X 2368 or email at oglantz@co.linn.or.us .

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 Wire reports



Associated Press
 plane that crashed

Jennifer Ann Rivelli, 34, of
 Brownsville was arrested Saturday
 on charges of first-degree sex
 abuse and unlawful sexual penetra-
 tion. She was arraigned Monday
 and posted security that day.
 The charges stem from an
 alleged February 2008 incident
 involving a 14-year-old girl known
 to Rivelli.

LINN COUNTY SHERIFF
Domestic arrest — At about 8
 p.m. Tuesday, dispatch received a
 911 hangup from the 41700 block
 of Kingston-Jordan Drive. A deputy
 investigated and determined a cou-
 ple were going through a divorce
 and were fighting about that and
 the husband took the phone away
 from the wife and broke it when
 she tried to call law enforcement.
 He also allegedly physically threw
 the woman out of the house. She
 landed on her buttocks and said
 she was OK. Children were present.
 Jeffrey Keith Bethel, 32, of
 Stayton, was arrested on charges
 of felony fourth-degree domestic
 assault, domestic abuse — harass-
 ment and interfering with making a
 report. He was lodged at Linn
 County Jail and was expected in cir-
 cuit court today.

Target practice — An off-duty
 deputy was hunting nutria at about
 6:30 p.m. Tuesday in the 38800
 block of Santiam Highway when he
 says, bullets started "zinging" past
 him. Another deputy checked the
 area and found two men shooting
 several firearms with an inade-
 quate backstop. The men were
 cited and released for reckless
 endangering.

SWEET HOME POLICE
Windows shattered — At
 about 6:35 a.m. Tuesday, a resident
 in the 1600 block of Elm Street
 called police saying someone just
 broke her sliding glass door and
 another window. An officer
 responded but didn't locate the
 vandal. A report was taken for
 first-degree criminal mischief.

LOTTERIES

- MEGA MILLIONS (Tue.)**
 2-7-10-16-29
 Megaball 8
 Mega Multiplier 4
- OREGON PICK 4 (Tue.)**
 1 p.m., 6-0-5-9
 4 p.m., 4-7-0-4
 7 p.m., 7-0-8-6
 10 p.m., 8-7-2-8
- OREGON LUCKY LINES (Tue.)**
 3-8-9-15-17-22-27-30

on the north side of the Jam-
 boree festival site at 1641
 Long St.
 Admission is free.

horses and old barns. Her
 works are available in large,
 framed sizes, or as cards.
 Richard Armstrong of

you deeply and compels you
 to move ... to touch it, look
 at it, and appreciate some-
 thing within yourself."

Hazard plan draft available

A draft version of the up-
 dated Linn County Natural
 Hazards Mitigation Plan is
 available for public viewing
 and comment on the Linn
 County website
<http://www.co.linn.or.us/>
 through Tuesday, Aug. 24.

Copies of the plan will be
 available on the Linn
 County website.

Linn County is updating
 the existing multi-jurisdic-
 tional Natural Hazards Mit-
 igation Plan.

This work is being per-
 formed in cooperation with
 the Oregon Partnership for
 Disaster Resilience and
 Oregon Emergency Man-
 agement utilizing funds
 obtained from the Federal
 Emergency Management

Agency Pre-Disaster Miti-
 gation Grant Program.

With re-adoption of the
 plan, Linn County will
 maintain its eligibility to
 apply for federal funding
 towards natural hazard mit-
 igation projects. A natural
 hazards mitigation plan
 provides communities with
 a set of goals, action items,
 and resources designed to
 reduce risk from future nat-
 ural disaster events.

Engaging in mitigation
 activities provides jurisdic-
 tions with a number of ben-
 efits, including reduced loss
 of life, property, essential
 services, critical facilities

and economic hardship; re-
 duced short-term and
 long-term recovery and re-
 construction costs; in-
 creased cooperation and
 communication within the
 community through the
 planning process; and in-
 creased potential for state
 and federal funding for re-
 covery and reconstruction
 projects.

If you have any questions
 regarding the plan or the
 update process in general,
 call county planner Oilvia
 Glantz at 541-967-3816,
 extension 2368 or email at
oglantz@co.linn.or.us.

Democrat-Herald

Albany Democrat-Herald

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Albany Democrat Herald
 wed 7/28/10 PG A-2



LINN COUNTY PLANNING AND BUILDING DEPARTMENT

Robert Wheeldon, Director

Room 114, Linn County Courthouse
PO Box 100, Albany, Oregon 97321
Phone 541-967-3816, 1-800-319-3816
Fax 541-926-2060 www.co.linn.or.us

NOTICE IS HEREBY GIVEN that on **August 10, 2010 at 7:00 p.m.** in the Old Armory Building on the corner of 4th Avenue and Lyon' Street, Albany Oregon a public meeting will be held before the **Linn County Planning Commission** (Commission). The meeting is to afford interested parties an opportunity to be heard on the following matter. The Commission will make a recommendation on this matter to the Board.

SUMMARY: The purpose of the meeting is to discuss the update of the Natural Hazards Pre-Disaster Mitigation Plan for rural Linn County. The mitigation plan addresses the natural hazards such as floods, severe winter storms, windstorms, landslides, drought and wildfires, as well as catastrophic hazards such as earthquakes and volcanoes. The purpose of the natural hazards mitigation plan is to protect life and property and reduce damages resulting from natural disasters by reducing vulnerability to natural hazard risks. The updated mitigation plan will identify cost-effective hazard mitigation activities and projects that would reduce the impacts of natural disasters in rural Linn County. Linn County approved a natural hazard mitigation plan in November 2005. Federal rules require the county to update the natural hazards mitigation action plan every five years to qualify for pre-disaster hazard mitigation grants. The plan will also qualify the county to receive certain post-disaster relief funds when a natural disaster occurs. The Linn County Natural Hazard Mitigation Steering Committee has updated the 2005 Natural Hazard Mitigation plan, through a series of public workshops over the past 6 months. The Planning Commission will review and take comments from the public on the updated document and make a recommendation to the Board of Commissioners. The Board of Commissioners will present the completed hazards mitigation plan to FEMA for review and approval in the fall of 2010. The plan can be viewed on the county website at <http://www.co.linn.or.us/> under the announcements.

COMMENTS: _____

BY _____ **AGENCY (IF ANY)** _____ **DATE** _____
=====

STAFF CONTACT PERSON: Olivia Glantz; (541)967-3816, ext.2368

- | LINN COUNTY | | STATE OF OREGON | | | OTHER |
|---|--|--|--|--|---|
| <input checked="" type="checkbox"/> EHP | <input checked="" type="checkbox"/> Sheriff | <input type="checkbox"/> DEQ | <input checked="" type="checkbox"/> ODOT/OSHD | <input checked="" type="checkbox"/> ODFW | <input checked="" type="checkbox"/> School All _____ |
| <input checked="" type="checkbox"/> Parks | <input checked="" type="checkbox"/> Bldg. Off./Flood | <input checked="" type="checkbox"/> DOGAMI | <input checked="" type="checkbox"/> ODSF | | <input checked="" type="checkbox"/> Landowners |
| <input checked="" type="checkbox"/> Assessor | <input checked="" type="checkbox"/> Roads | <input checked="" type="checkbox"/> DSL | <input checked="" type="checkbox"/> DLCD | | <input checked="" type="checkbox"/> City of <u>Albany, Brownsville, Gates, Halsey</u> |
| <input checked="" type="checkbox"/> GIS | <input checked="" type="checkbox"/> Surveyor | <input type="checkbox"/> Water | <input type="checkbox"/> Parks | | <u>Harrisburg, Idanha, Lebanon, Lyons</u> |
| <input checked="" type="checkbox"/> RFPD <u>All R/F</u> | | <input checked="" type="checkbox"/> State Fire Marshal | <input checked="" type="checkbox"/> Other <u>FEMA, Oregon Showcase</u> | | <u>Mill City, Millersburg, Scio, Sodaville</u> |
| | | | | | <u>Sweet Home, Tangent, Waterloo</u> |



LINN COUNTY OREGON



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- Phone Directory**
- About Linn County**
- Board of Commissioners Agenda**
- Calendar**
- County Code**
- Departments/ Services**
- Elected Officials**
- Employment**
- Financial Statements**
- Maps (GIS)**
- Linn County Fair**

Linn County is dedicated to serving the needs of the public. This site contains meeting calendars, agendas, office contact information, regulations, maps and air photos, as well as email addresses for the Commissioners. Let us hear from you - We appreciate citizen input and comments.

Enjoy the web site. We are here to serve you!

Hot Topics and Alerts

- none at this time

Announcements

[Idanha recall election results](#)

Youth Wage Grant

- [Application](#)
- [Fact Sheet](#)
- [Reimbursement Form](#)
- <http://www.oregon.gov/BOLI/>
- <http://www.uscis.gov/files/form/I-9.pdf>

The Linn County Board of Commissioners with assistance from the Oregon Partnership for Disaster Resilience (OPDR) is updating the Linn County Natural Hazard Mitigation Plan. The Hazard Mitigation Plan update will address chronic natural hazards such as floods, severe winter storms, windstorms, landslides, and wildfires, as well as catastrophic hazards such as earthquakes and volcanoes. You are invited to provide comments on the draft plan.

The Linn County Natural Hazard Document can be obtained [here](#).

Interested parties may submit comments on the Linn County Natural Hazard Mitigation Plan, by clicking on the following link: [comment](#). Comments can also be mailed to PO Box 100, Rm 114, Albany Or.

[H1N1 \(Influenza\)](#) Information and Updates

[Visit Linn!!!!](#) Visitor information available at the Linn County Fair and Expo Center. The Kiosk is located in the main lobby.

[Floodplain Viewer](#) - Search by address or tax lot to compare FEMA's current and proposed floodplain.

Linn County [Feral Cat Sterilization Program](#) - [Grant Agreement](#)

Linn County Government departments are open to serve the public, unless announcements to the contrary are made.

Courthouse Closure Notification: Local radio stations that the County will notify if we have to close or otherwise modify the County operating hours are:

- KLOO AM 1340
- KRKT 99.9 FM



LINN COUNTY PLANNING AND BUILDING DEPARTMENT

Robert Wheeldon, Director

Room 114, Linn County Courthouse
PO 100 Box, Albany, Oregon 97321
Phone 541-967-3816, 1-800-319-3816
Fax 541-926-2060 www.co.linn.or.us

Memorandum

To: John Hixson, Building Official
Darrin Lane, Road Master
Chuck Knoll, County Engineer
Russ Williams, General Services Director
Steve Barnett, GIS Manager
Brian Carroll, Parks Director
Jim Howell, Emergency Management Coordinator
Ralph Wyatt, CAO
George Crosiar, State Fire Marshall
Linn County Fire Defense Board
Linn-Benton Educational Services District

From: Olivia Glantz, Assistant Planner

Date: 01/04/2010

Re: Linn County Natural Hazard Mitigation Plan 2010 update

The Linn County Planning and Building Department together with Linn County Emergency Management needs your help.

Federal rules require the County to have an approved natural hazard mitigation action plan. A hazard mitigation plan is required for the County to receive pre-disaster hazard mitigation grants and certain post-disaster relief funds in the event a natural disaster occurs.

The Linn County Natural Hazard Mitigation Plan was adopted in November 2005. The five-year update of the Plan is due by November 2010.

The hazard mitigation plan includes a matrix of identified hazard mitigation action items. A copy of the action item matrix is enclosed. Please review the list of action items and let us know if you are aware of any items that have been accomplished or are in progress.

You will also receive an email asking you to take an online stakeholders survey as part of the plan update process. Please take the time to take the survey as it will help in creating a complete update of this document.

If you have any questions please feel free to contact Olivia Glantz at 541-967-3816 X 2368, or at oglantz@co.linn.or.us.

Thank you,



LINN COUNTY PLANNING AND BUILDING DEPARTMENT

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Fax 541-926-2060 www.co.linn.or.us

Memorandum

To: Linn County Cities
From: Olivia Glantz, Assistant Planner
Date: 01/22/2010
Re: Linn County Natural Hazard Mitigation Plan 2010 update

Linn County is updating its Natural Hazard Mitigation Plan (NHMP). The NHMP identifies goals, action items and resources designed to reduce risk and lessen impacts from future natural disaster events. The Linn County NHMP was adopted in 2005 in compliance with the Disaster Mitigation Act of 2000 and is due for its five year update by November 2010.

A city must have a FEMA-approved Hazard Mitigation Plan or adopt an addendum to the Linn County NHMP to be eligible for FEMA's Pre-Disaster Mitigation Grant program, which provides funding for pre-disaster risk reduction activities, or for FEMA's Hazard Mitigation Grant Program, which provides funding for post-disaster risk reduction activities. Developing a city addendum to the County's mitigation plan requires less work than creating a separate stand-alone plan and would bring the city into compliance with the Disaster Mitigation Act.

The purpose of this memorandum is to invite you to participate in the County's NHMP update and to make you aware of an opportunity for your city to obtain training and assistance in developing a hazard mitigation plan or addendum for your jurisdiction.

The Oregon Partnership for Disaster Resilience (OPDR) at the University of Oregon's Community Service Center is conducting a series of four training sessions to assist local governments in updating or developing their hazard mitigation plans. The first training session will be held on **Thursday, January 28, 2010, beginning at 1:00 p.m. at the Marion County Public Works Building, 5155 Silverton Road NE, in Salem.**

The Linn County NHMP Steering Committee will convene immediately following the training session to begin the plan update process. You are invited to attend both the OPDR training session and the Steering Committee meeting. The training session begins at 1:00 p.m. and the Steering Committee meeting is scheduled to adjourn at 4:30 p.m. By participating in two work sessions with the County Steering Committee, the City can complete three of the four requirements under the Disaster Mitigation Act.

Technical assistance and funding to help you develop a hazard mitigation plan or addendum may be available to your jurisdiction from the OPDR through a FEMA Pre-Disaster Mitigation Planning Grant. For more information on technical assistance and available funding please contact Josh Bruce, OPDR Project Director, at jdbruce@uoregon.edu or 541-346-7326.

We will also be sending you an email asking you to take an online stakeholders survey as part of the plan update process. Please take the time to take the survey as it will help in creating a complete update of this document.

If you have any questions please feel free to contact Olivia Glantz at 541-967-3816 X 2368, or at ogglantz@co.linn.or.us.

Thank you,

Olivia Glantz
Assistant Planner

C: Albany
Brownsville
Gates
Halsey
Harrisburg
Idanha
Lebanon
Lyons
Mill City
Millersburg
Sodaville
Scio
Sweet Home
Tangent
Waterloo



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Agenda

To: Linn County Steering Committee
Steve Barnett, Linn County GIS Manager
Mike Beaver, Linn County Fire Defense Board (Sweet Home Rural Fire)
Brian Carroll, Linn County Parks and Recreation Director
David Furtwangler, Linn County Planning Commissioner
John Hixson, Linn County Building Official
Jim Howell, Linn County Emergency Management
Chuck Knoll, Linn County Road Department
Darrel Tedisch, City of Albany Emergency Management Specialist
Mary VanAgtmael, Linn County Planning Commissioner
Robert Wheeldon, Linn County Planning and Building Director

From: Olivia Glantz, Assistant Planner

Date: 01/28/2010

Re: Linn County Natural Hazard Mitigation Plan 2010 update

- Review Public Participation Options
- Discuss the process and how to proceed to update the Linn County Natural Hazard Mitigation Plan
- Review of Hazard Assessments
- Work Plan

If you have any questions please feel free to contact Olivia Glantz at 541-967-3816 X 2368, or at oglantz@co.linn.or.us.



LINN COUNTY PLANNING AND BUILDING DEPARTMENT

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Fax 541-926-2060 www.co.linn.or.us

Minutes

Date: 02/10/2010

Re: Linn County NHMP 2010 update – January 28, 2010 meeting

The next training session and Committee meeting is scheduled for March 3, 2010 from 1:00 p.m. to 4:30 p.m. at the Linn County Fair and Expo Center, Conference Rooms.

Prior to the March 3rd meeting, the Steering Committee will review the Hazard Profile, Vulnerability Assessment and Risk Analysis sections of the following hazard chapters for which you would like to provide comments, updates or proposed edits:

| | |
|---------------------------------------|---------------------------|
| Flood Hazard Assessment | Pages: 6-10 through 6-16 |
| Landslide Hazard Assessment | Pages: 7-11 through 7-16 |
| Wildfire Hazard Assessment | Pages: 8-6 through 8-11 |
| Severe Weather Risk Assessment | Pages: 9-5 through 9-14 |
| Earthquake Risk Assessment | Pages: 10-4 through 10-14 |

Written comments, updates and edits will be discussed at the March 3rd meeting.

Public Involvement strategy:

The Steering Committee identified several opportunities to involve the public in the process. Those opportunities include a press release explaining the hazard mitigation plan project, conducting a Household Survey, publish the Linn County Natural Hazard Plan on the Linn County Website with a request for public comments and a stakeholder's survey.

Work Plan:

The work plan is to be consistent with the attached time table provided by Oregon partnership.

Key Dates: March 3, 2010 – Second Steering Committee Meeting and Training

April 14, 2010 – Third Training Session with Steering Committee Meeting to be scheduled

May 3, 2010 (week of) – Fourth Training Session and Steering Committee Meeting to follow or to be scheduled.

June 7, 2010 (week of) – Complete update

Cities:

The Planning and Building Department sent a memo on January 22, 2010 to all 15 cities located within Linn County. The memo invited each city to participate in the County's plan update process and provided the cities with contact information to develop a city addendum. A follow-up email to all cities was sent on January 29, 2010 providing information to contact Oregon Partnership for Disaster Resilience to obtain assistance in developing an addendum.

Y28

January 28th, 2010 Steering Committee Mtg

| <u>Name</u> | <u>Agency</u> | <u>Email</u> | <u>Phone</u> |
|---------------------|---|---------------------------------|--|
| Chuck Knolls | Linn Co. Road | cknolls@co.linn.or.us | 967-39 |
| Dave Furtwangler | Linn Co. Planning Comm Cascade Timber | dfurtwangler@cascade-timber.com | 541-367-21 |
| Brian Carroll | Linn Co. Parks | bcarrolle@co.linn.or.us | 967-3917 (ext: 2) |
| John S. Hixson | PLANNING BUILDING | JHIXSON@CO.LINN.OR.US | |
| Cliff Wooten | Sci'o Planning Comm | cliffjean@SMT-NET.com | 503-394-308 |
| Carolyn Neve | Sci'o Planning Comm | cneve@smt-net.com | 503-394-297 |
| Karla Caudell | City of Halsey | Karla@cityofhalsey.com | 541-337-531 |
| Ryan Taylor | City of Sci'o / Mill City | rtaylor352@yahoo.com | 805 291 6495 |
| Steve Barnett | Linn Co | sbarnett@co.linn.or.us | 541-924-6803 |
| Mary M. Van Agtmael | Sci'o Plan Comm/ Linn Co. Plan/ Sci'o/Coastal Area RFPD Cert | maryv@smt-net.com | 503 394-2453 503 394-3224 503 932-3531 6000 |
| Mike Beaver | Linn Co. Fire Defense | mbeaver@centurytel.net | 541-367-5882 WA |
| Georgia Edwards | City of Tangent | georgia@cityoftangent.org | 541-928-102 |
| Jim Howell | Linn County Emergency Mgt | jhowell@co.linn.or.us | 541-967-395 |
| Brady Harrington | City of Sodaville | sodavillemayor@gmail.com | 541-258-8882 |



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STEERING COMMITTEE MEETING AGENDA

March 3, 2010

1. INTRODUCTION:

The purpose of this Steering Committee meeting is to review the Hazard Profile, Vulnerability Assessment and Risk Analysis sections of the following hazard chapters for which you would like to provide comments, updates or proposed edits:

| | |
|---------------------------------------|---------------------------|
| Flood Hazard Assessment | Pages: 6-10 through 6-16 |
| Landslide Hazard Assessment | Pages: 7-11 through 7-16 |
| Wildfire Hazard Assessment | Pages: 8-6 through 8-11 |
| Severe Weather Risk Assessment | Pages: 9-5 through 9-14 |
| Earthquake Risk Assessment | Pages: 10-4 through 10-14 |

Hazard Identification:

- Are there any newly identified hazards that need to be incorporated in to the plan?
- What new hazard events occurred in the past five years or that were not included in the 2005 plan?
- Is there any additional information or plans that can assist the Steering Committee in updating the plan? ie Community Wildfire Protection Plan
- Are there new probability assessments that can be incorporated into the risk assessment?

Vulnerability Assessment:

- Any information of number and type of existing and future buildings, infrastructure, and critical facilities in hazard areas?

- New buildings?
- Potential impacts of future land development?
- Potential dollar losses?

Risk Analysis:

- Comments and Concerns on the risk analysis portions of the plan?

2. QUESTIONS/COMMENTS –

3. NEXT MEETING: Training - April 14, 2010 from 1pm – 5pm, located in Benton County Schedule Steering Committee Meeting

Stage 3 of the update process is to review the mitigation strategy.

- Identify new mitigation action items
- Review existing mitigation actions items, do they need to be deleted or deferred in the update? Have they been completed?
-

On pages 31-38 of the *Natural Hazard Mitigation Plan Updates: How-to Guide* is guidance for these tasks.

Have the goals of the mitigation plan changed?

Goal #1: Enhance coordination and communication among Linn County stakeholders to implement the Plan

Goal #2: Protect life, the built environment and natural systems through County policies, procedures and services

Goal #3: Protect life, the built environment, the economy and natural resources through community-wide partnerships

I will have the revisions submitted in today's meeting to each member prior to the April meeting for review and approval.

4. GRANT BILLING

Please fill out the attached timesheet with any time you spent working on reviewing the chapters since the January 28th meeting and any supply cost you may have encored. Remember, this is for the "matching funds" need from the County for the Grant.



LINN COUNTY PLANNING AND BUILDING DEPARTMENT

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Phone 541-967-3816, 1-800-319-3816
Fax 541-926-2060 www.co.linn.or.us

Minutes

Date: 03/15/2010

Re: Linn County NHMP 2010 update – March 3, 2010 meeting

The next training session and Committee meeting is scheduled for April 14, 2010 from 1:00 p.m. to 4:30 p.m. The location will be in Benton County and has not been determined at this time.

The Steering Committee decided to review, edit the following sections and submit comments/edits to Olivia Glantz no later than **March 17th, 2010**. The Steering Committee will review the Hazard Profile, Vulnerability Assessment and Risk Analysis sections of the following hazard chapters for which you would like to provide comments, updates or proposed edits:

| | |
|---------------------------------------|---------------------------|
| Flood Hazard Assessment | Pages: 6-10 through 6-16 |
| Landslide Hazard Assessment | Pages: 7-11 through 7-16 |
| Wildfire Hazard Assessment | Pages: 8-6 through 8-11 |
| Severe Weather Risk Assessment | Pages: 9-5 through 9-14 |
| Earthquake Risk Assessment | Pages: 10-4 through 10-14 |

Staff will compile all comments and edits of the above sections and have drafts for review no later than April 14th, 2010.

Phase 3:

After reviewing the Risk Assessment sections and forwarding the comments and edits to me, you have been asked to review the mitigation strategy of the plan.

The Mitigation strategy can be found in each section:

| | |
|------------------------------------|--------------------|
| Flood Hazard Mitigation Programs | Page 6-16 – 6-19 |
| Landslide Mitigation Programs | Page 7-20 – 7-23 |
| Wildfire Mitigation Programs: | Page 8-15 – 8-20 |
| Severe Weather Mitigation Program: | Page 9-14 – 9-15 |
| Earthquake Mitigation Program: | Page 10-17 – 10-22 |

Work Plan:

The work plan is to be consistent with the attached time table provided by Oregon partnership.

Key Dates: April 14, 2010 – Third Training Session located in Benton County

April 15, 2010 - Steering Committee Meeting 1:00pm at the Linn County Basement Conference Room

May 3, 2010 (week of) – Fourth Training Session and Steering Committee Meeting to follow or to be scheduled.

June 7, 2010 (week of) – Complete update

Attendance:

Steve Barnett, Linn County GIS Manager
Mike Beaver, Linn County Fire Defense Board (Sweet Home Rural Fire)
Brian Carroll, Linn County Parks and Recreation Director
David Furtwangler, Linn County Planning Commissioner
John Hixson, Linn County Building Official
Chuck Knoll, Linn County Road Department
Darrel Tedisch, City of Albany Emergency Management Specialist
Mary VanAgtmael, Linn County Planning Commissioner
Robert Wheeldon, Linn County Planning and Building Director
Karen Corrington, City of Sodaville
Seaton McLennan, City of Tangent
Georgia Edwards, City of Tangent

Steering Committee Meeting
 March 3, 2010
 Linn County Fair and Expo

| Name | Address | Phone | Email |
|--|---|-------------------------------------|-------------------------------|
| Karen Corrington City of Sodaville | 30723 Sodaville Rd (541) Lebanon, OR 97355 | 258-8882 | sodaville@centurytel.net |
| Brian Carroll Linn County | 3010 Perry St SW ALBANY, OR 97322 | (541) 967-3917 x-2950 | BCarrolle.co.linn.or.us |
| Steve Barnett Linn County | 1582 2nd St PO Box 100 Albany OR 97321 | 541 924-6903 | sbarnett@co.linn.or.us |
| Mike Beaver Linn Co. Fire Defense | 1099 Long St. Sweet Home, Or 97386 | (541) 367-5882 | mbeaver@centurytel.net |
| Dave Furtwangler Planning Comm. | PO Box 446 Sweet Home, OR 97386 | 541 367-2111 | dfurtwangler@cascadetimber.co |
| Mary M. Van Agtmael Linn Co. Plan. Comm | P.O. Box 122 Said Cr. 97374 | (503) 394-2453 ofc 394-3224 h | maryv@smt-net.com |
| John S. Hixson LINN COUNTY | P.O. Box 100 ALBANY OR 97321 | 541 967-3816 | Jhixson@co.linn.or.us |
| * SEATON MCLENNAN TANGENT | P.O. Box 251 TANGENT | 541 926-9790 | S.mclennan@comcast.net |
| * Georgie Edwards Tangent | P.O. Box 251 Tangent, OR 97389-0251 | 541 928-1020 | georgia@cityoftangent.org |
| | | | |
| | | | |

* please include us as attending this meeting in your minutes + please send us (email) a copy of the minutes of this meeting. Also please include us in any other mailings for this Steering committee



LINN COUNTY PLANNING AND BUILDING DEPARTMENT

Robert Wheeldon, Director

Room 114, Linn County Courthouse
PO 100 Box, Albany, Oregon 97321
Phone 541-967-3816, 1-800-319-3816
Fax 541-926-2060 www.co.linn.or.us

STEERING COMMITTEE MEETING AGENDA

April 15, 2010

1. INTRODUCTION:

The purpose of this Steering Committee meeting is to review the existing mitigation action items and identify new action items for the following hazards:

Flood Hazard

Landslide

Wildfire Hazard

Severe Weather

Earthquake Risk

Drought

Discuss the status of each action item. Are there any new action items that need to be added to the plan?

2. Dot Prioritization activity.

3. QUESTIONS/COMMENTS –

4. NEXT MEETING: Training - Schedule Steering Committee Meeting

4. GRANT BILLING

Please fill out the attached timesheet with any time you spent working on reviewing the chapters since the March 3rd meeting and any supply cost you may have encored. Remember, this is for the "matching funds" need from the County for the Grant.



LINN COUNTY PLANNING AND BUILDING DEPARTMENT

Robert Wheeldon, Director

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Phone 541-967-3816, 1-800-319-3816
Fax 541-926-2060 www.co.linn.or.us

Minutes

Date: 05/03/2010

Re: Linn County NHMP 2010 update – April 15, 2010 meeting

The Steering Committee reviewed the existing mitigation action items for the following hazards:

Flood Hazard

Severe Weather

Landslide

Earthquake Risk

Wildfire Hazard

Drought

Each Action item was deferred, completed or deleted. The Steering Committee agreed on the final deferred action items, the status of action items that were in progress or completed were discussed and will be reflected in the update.

New Action Items:

The Steering Committee decided to prepare new action item forms and email to Olivia no later than April 29th, 2010. The action items will then be consolidated and distributed to all Steering Committee members for review before the next meeting on May 5th, 2010.

Dot Prioritization activity:

The Steering Committee participated in a dot prioritization activity to determine the ranking for the Hazards in the plan and ranking of the goals for the Linn County Natural Hazard Mitigation Plan.

The work plan is to be consistent with the attached time table provided by Oregon partnership.

Key Dates: May 5, 2010 – Training Session with Steering Committee Meeting to follow

May or June – Steering Committee Meeting?

June 7, 2010 (week of) – Complete update

Attendance:

Steve Barnett, Linn County GIS Manager

Mike Beaver, Linn County Fire Defense Board (Sweet Home Rural Fire)

David Furtwangler, Linn County Planning Commissioner

John Hixson, Linn County Building Official

Chuck Knoll, Linn County Road Department

Darrel Tedisch, City of Albany Emergency Management Specialist

Mary VanAgtmael, Linn County Planning Commissioner

Robert Wheeldon, Linn County Planning and Building Director

Seaton McLennan, City of Tangent

Georgia Edwards, City of Tangent

April 15th, 2010 - LC Steering Committee meeting

1pm-3pm

| Name | Email | Phone | Agency |
|------------------|--|--------------|-------------------------|
| Olivia Glantz | | | |
| Cliff Wooten | cliffjwooten@smt-net.com | 503-394-3089 | Scio Planning |
| Daniel Tedisch | daniel.tedisch@cityofalbany.net | 541-917-7725 | City of Albany |
| Georgi Edwards | georgi georgi@cityoftangent.org | 541-928-1020 | Tangent |
| SEAN MCLENNAN | s.mclennan@comcast.net | " | " |
| Jim Howell | jhowell@le.linn.or.us | 541-967-3954 | LCSD |
| ROBERT WHEELDON | | | |
| May McVanGastner | | | |
| Steve Barrett | Sbarrett@co.linn.or.us | 541 924-6903 | Linn County GIS |
| Mike Brewer | | 541-367-5882 | Linn Fire Defense Board |
| JOHN STIRSON | | | |
| Dave Furtwangler | dfurtwangler@cascadetribes.com | 541 367-2111 | Linn Planning Comm. |
| C Luck Knoll | — | — | — |
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| | | | |



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STEERING COMMITTEE MEETING AGENDA

May 5, 2010

1. INTRODUCTION:

The purpose of this Steering Committee meeting is to discuss new mitigation action items for the following hazards:

Flood Hazard

Landslide

Wildfire Hazard

Severe Weather

Earthquake Risk

Drought

Discuss the status of each action item, previously submitted and any action items proposed at the meeting.

2. Schedule Next Meeting.

3. Goal 4 of the Linn County Natural Hazard Mitigation Plan

4. QUESTIONS/COMMENTS –

5. GRANT BILLING

Please fill out the attached timesheet with any time you spent working on the Linn County Natural Hazard Mitigation Plan since the April 15th meeting. Remember, this is for the "matching funds" need from the County for the Grant.



LINN COUNTY PLANNING AND BUILDING DEPARTMENT

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Fax 541-926-2060 www.co.linn.or.us

Minutes

Date: 06/10/2010

Re: Linn County NHMP 2010 update – May 5, 2010 meeting

The Steering Committee discussed and approved new mitigation action items for the following hazards:

Flood Hazard

Severe Weather

Landslide

Earthquake Risk

Wildfire Hazard

Drought

The Steering Committee decided to remove the previously discussed Goal 4 of the Linn County Natural Hazard Mitigation Plan

Staff requested the timesheets for those on the Steering Committee.

The next Steering Committee Meeting was scheduled for July 29th, 2010 to review the final draft document to recommend to the Planning Commission for review.

Key Dates: July 29, 2010 – Steering Committee Meeting
August 10, 2010 – Draft NHMP public hearing with Planning Commission

Attendance:

Mike Beaver, Linn County Fire Defense Board (Sweet Home Rural Fire)
David Furtwangler, Linn County Planning Commissioner
John Hixson, Linn County Building Official
Chuck Knoll, Linn County Road Department
Darrel Tedisch, City of Albany Emergency Management Specialist
Mary VanAgtmael, Linn County Planning Commissioner
Robert Wheeldon, Linn County Planning and Building Director

New action items

1. Provide a County Wide List and Evaluate for Flood, Scour, and Seismic and Structural Integrity all Bridge Crossings on Private and Public Lands. Complete a status list of each bridge and post the bridge accordingly for use by emergency response as appropriate. Implement a routine bridge inspection program for these bridges to ensure this status list stays current and bridges are kept safe.

- Lead Organization - Fire Marshall
- Technical Support - Linn County Engineer (as funding allows)
- Partners - Private Landowners, Public Landowners (potential or primary Source of funding by State fire code.)

Note: Currently there is not any such list. Also, private bridges are required to be inspected once per year under current state fire code. This is not occurring. A death occurred with a bridge failure in the Cascadia Area in about 2000.

2. Complete a County Wide Reassessment of the Linn County Flood Maps using current Topographical maps, and current engineering and GIS technology for hydraulic modeling of flood events. Incorporate recent improvements to roads and bridges that would have provided mitigation for flooding.

- Lead Organization - Linn County Planning
- Partner - Technical Support and Engineering - County Engineer (As funding Allows)
- Partner - Linn County Surveyor (As funding allows)
- Partner - GIS Department (As funding allows)

3. Implement a Scour Protection Plan for Linn County Bridges.

- Lead Organization - Linn County Engineer and staff
- Partner - Bridge Maintenance Supervisor

| | |
|--|--|
| Proposed Action Item Identification: | |
| ST: 3.1.1 Needs to be a short term action item proposed under Sodaville Addendum to the Linn County Mitigation Plan, Goal 1, Objective 1. | |
| Proposed Action Title/Description: | |
| Acquire a new water source and install the needed piping from new well to 6" water feed line located at Well #4. | |
| Rationale for Proposed Action Item: | |
| <ul style="list-style-type: none"> • City of Sodaville Addendum lists the acquiring another water source to eliminate the need to haul in water from other sources to meet basic household water needs of citizens during summer months. The current 5 wells all drop off in water production in the summer months when the water table drops. 4 of the 5 wells are located in the same aquifer. Engineering, Well Drillers, and the State of Oregon Water Resources have all informed use we should drill a new well in an area other than the area that the current 5 wells are located. • The City of Sodaville has had to put water customers on <u>Household Use Only</u> water restrictions for several years now. We have water hauled in to supplement the water supply, just to maintain basic household needs. • The City of Sodaville is in the Linn Rural Fire District. We have a 150,000 gallon water tank. If a fire breaks out the Fire Departments Pump truck is dispatched, which carries 3200 to 4000 gallons of water. The City has Fire Hydrants installed, but we have limited supply, so Fire Protection is minimal at best. • The City of Sodaville is located in an area which has large groves of trees and surrounded by forest type areas. The City is a multi elevation area, which makes fire a hazard, as fire always runs up. • The Disaster Mitigation Act of 2000 requires communities to identify mitigation actions that are being considered by the community to reduce the effect that natural hazards will have on the community. Developing and implementing programs to reduce the potential for Wild Fires can assist the City in mitigating its overall risk to the community. | |
| Ideas for Implementation: | |
| <ul style="list-style-type: none"> • Location area for a new well has already been determined. • Engineering has been hired and a preliminary plan has been drafted. • Estimated Cost Analysis has been completed. • Acquire funding through Grants/Loans. | |
| Coordinating Organization: | City of Sodaville City Council |
| Internal Partners: | External Partners: |
| Sodaville Water Utility | Kirby & Crawford Inc. Nugent Well Drilling Oregon Water Resources Oregon Dept. of Water United Pipe Bid Selected Contractor |
| Timeline: | If available, estimated cost: |
| <u>Short Term</u> (0-2 years) | \$650,000.00 |
| <u>Long Term</u> (2-4 or more years) | |
| ASAP | |

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| Proposed Action Item Identification: | |
| LT: 3.2.1 This will be a Long Term and ongoing action item proposed under Sodaville Addendum to the Linn County Mitigation Plan, Goal 2, Objective 1. | |
| Proposed Action Title/Description: | |
| Develop partnerships to implement programs to reduce heavy undergrowth in treed areas, and reduce the amount of noxious vegetation which could aid in wildfire fuels. | |
| Rationale for Proposed Action Item: | |
| <ul style="list-style-type: none"> • City of Sodaville Addendum lists Wild Fire as a threat to life, and property. • The City of Sodaville is in the Linn Rural Fire District. We have a 150,000 gallon water tank. If a fire breaks out the Fire Departments Pump truck is dispatched, which carries 3200 to 4000 gallons of water. The City has Fire Hydrants installed, but we have limited supply, so Fire Protection is minimal at best. • The City of Sodaville is located in an area which has large groves of trees and surrounded by forest type areas. The City is a multi elevation area, which makes fire a hazard, as fire always runs up. • The Disaster Mitigation Act of 2000 requires communities to identify mitigation actions that are being considered by the community to reduce the effect that natural hazards will have on the community. Developing and implementing programs to reduce the potential for Wild Fires can assist the City in mitigating its overall risk to the community. | |
| Ideas for Implementation: | |
| <ul style="list-style-type: none"> • Develop a plan to work at eliminated vegetation which could be a fire hazard, as described in City of Sodaville Ordinance 02-02, Section 5.10 and 5.11. • Develop and prioritize a scheduling plan to address each area identified. • Budget funds each year to fund the prioritized list of areas identified. | |
| Coordinating Organization: | City of Sodaville City Council |
| Internal Partners: | External Partners: |
| Sodaville Park Maintenance Sodaville Volunteer Group | OSU Extension Service |
| Timeline: | If available, estimated cost: |
| <u>Short Term</u> (0-2 years) | <u>Long Term</u> (2-4 or more years) |
| | ONGOING |

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| Proposed Action Item Identification: | |
| ST: 2.2.6 Would be a Short Term Action Propose under Goal 2 Objective 2.2 | |
| Proposed Action Title/Description: | |
| DR-ST #1: Action 2.2.6 Provide technical services of county-based agencies on effective methods of water use curtailment. | |
| Rationale for Proposed Action Item: | |
| • | |
| Ideas for Implementation: | |
| • | |
| Coordinating Organization: | Board Of Commissioners |
| Internal Partners: | External Partners: |
| Planning and Building; Emergency Management; Parks and Recreation Department | NRCS; Department of Agriculture; WRD; Local Water Districts |
| Timeline: | If available, estimated cost: |
| Short Term (0-2 years) | Long Term(2-4 or more years) |
| ongoing | |
| Status | |

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| Proposed Action Item Identification: | |
| LT: 3.1.2 Would be a Long Term Action Proposed under Goal 3 Objective 3.1 | |
| Proposed Action Title/Description: | |
| DR-LT #1: Action 3.1.2 Support local agencies' training on water conservation measures to farmers and ranchers, including drought management practices for crops and livestock. | |
| Rationale for Proposed Action Item: | |
| <ul style="list-style-type: none"> | |
| Ideas for Implementation: | |
| <ul style="list-style-type: none"> Cooperation with OSU extension services and agricultural organizations prominent and respected within the farming and ranching community, build on existing outreach methods with the goal of providing water conservation/drought management training to farmers and ranchers. | |
| Coordinating Organization: | |
| Internal Partners: | External Partners: |
| Planning and Building | OSU Extension Services; NRCS; Farm Bureau; WRD; ODFW |
| Timeline: | If available, estimated cost: |
| <u>Short Term</u> (0-2 years) | <u>Long Term</u> (2-4 or more years) |
| | 2-5 Years |
| Status | |

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| Proposed Action Item Identification: | |
| ST: 3.1.4 Would be a Short Term Action proposed under Goal 3 Objective 3.1 | |
| Proposed Action Title/Description: | |
| Increase public education related to landslide hazards by distributing DOGAMI landslide informational brochure. | |
| Rationale for Proposed Action Item: | |
| <ul style="list-style-type: none"> • <i>DOGAMI produced an information brochure on landslide hazards.</i> | |
| Ideas for Implementation: | |
| <ul style="list-style-type: none"> • Distribute the DOGAMI landslide informational brochure. | |
| Coordinating Organization: | Emergency Management |
| Internal Partners: | External Partners: |
| Planning and Building Department; Road Department | DOGAMI; OEM; |
| Timeline: | If available, estimated cost: |
| <u>Short Term</u> (0-2 years) | <u>Long Term</u> (2-4 or more years) |
| Ongoing | |
| Status | |

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| Proposed Action Item Identification: | |
| ST: 3.3.5 Would be a Short Term Action proposed under Goal 3 Objective 3.3 | |
| Proposed Action Title/Description: | |
| Partner with the Oregon Department of Forestry and Rural Fire Districts to promote home site assessment programs for the wildfire hazard | |
| Rationale for Proposed Action Item: | |
| <ul style="list-style-type: none"> • In a self-completed hazard analysis, Linn County reported itself as having an above average wildland-urban interface fire (WUI) risk of 183 out of 240. Promoting home site assessments for locations within Linn County's WUI can assist property owners in identifying their vulnerability to WUI fire and identifying mitigation activities. Assisting property owners with this may increase the likelihood that property owners would share responsibility for WUI fire mitigation on their properties and implement mitigation activities. Such actions can assist the County in reducing its overall WUI fire risk. • The <i>State of Oregon's Natural Hazard Mitigation Plan</i> indicates that Linn County's probability for a future WUI fire is high (that the county would be likely to have a major WUI fire event in the next 10-35 years) and the county's vulnerability to a future WUI fire is medium. Promoting home site assessments for locations within Linn County's WUI can assist property owners in identifying their vulnerability to WUI fire and identifying mitigation activities. Assisting property owners with this may increase the likelihood that property owners would share responsibility for WUI fire mitigation on their properties and implement mitigation activities. Such actions can assist the County in reducing its overall WUI fire risk. • The Disaster Mitigation Act of 2000 requires that communities continue to involve the public beyond the original planning process [201.6(c)(4)(ii)]. Promoting home site assessment programs would be a way to conduct outreach to inform homeowners of the county's risk to WUI fire and keep them involved in the County's efforts to mitigate that risk. | |
| Ideas for Implementation: | |
| <ul style="list-style-type: none"> • Determine if the home site assessments would be free for homeowners; free if they participate in a County survey, attend a community forum, etc.; or offered at a reduced cost to homeowners. • Work with partners to identify at-risk communities to target for the program. • Work with partners to develop home site assessment programs. Components of the program could include: <ul style="list-style-type: none"> • Determining what the assessments of home sites would include, and who would be responsible for conducting them. • Determining if there is a need to prioritize at-risk communities based on vulnerability, and begin the program in the most vulnerable, highest priority communities first. • Identifying and developing the most appropriate methods of communication to reach at-risk homeowners. • Identify funding sources to fund the program. | |
| Coordinating Organization: | Linn County Emergency Management |
| Internal Partners: | External Partners: |
| Land Management | ODF Local Cities Rural Fire Districts OEM State Fire Marshall |
| Timeline: | If available, estimated cost: |
| <u>Short Term</u> (0-2 years) | <u>Long Term</u> (2-4 or more years) |
| 1-2 Years | |
| Status | |

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| Proposed Action Item Identification: | |
| LT:2.2.9 | |
| Proposed Action Title/Description: | |
| LS-LT #: Action 2.2.9 Implement Linn County existing development standards for structures located within a “mass movement area”. | |
| Rationale for Proposed Action Item: | |
| • | |
| Ideas for Implementation: | |
| • | |
| Coordinating Organization: | Linn County Planning and Building |
| Internal Partners: | External Partners: |
| GIS Department, Emergency Management | DOGAMI |
| Timeline: | If available, estimated cost: |
| <u>Short Term</u> (0-2 years) | <u>Long Term</u> (2-4 or more years) |
| | ongoing |
| Status: | |

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| Proposed Action Item Identification: | | |
| ST: 2.2.8 Would be a Short Term Action Propose under Goal 2 Objective 2.2 | | |
| Proposed Action Title/Description: | | |
| LS-LT #: Action 2.2.8 Discuss options for LIDAR mapping to identify debris flow areas in Linn County. | | |
| Rationale for Proposed Action Item: | | |
| • | | |
| Ideas for Implementation: | | |
| • | | |
| Coordinating Organization: | GIS Department | |
| Internal Partners: | | External Partners: |
| Board Of Commissioners | | DOGAMI |
| Timeline: | | If available, estimated cost: |
| <u>Short Term</u> (0-2 years) | <u>Long Term</u> (2-4 or more years) | |
| | 2-4 years | |
| Status | | |

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| Proposed Action Item Identification: | |
| | |
| Proposed Action Title/Description: | |
| Develop a partnership to identify areas where required visual buffers along designated scenic highways have potential blowdown issues endangering life and infrastructure. | |
| Rationale for Proposed Action Item: | |
| <ul style="list-style-type: none"> • State forest practices rules require visual buffers of trees along scenic highways to maintain the aesthetic qualities provided by forests. • Only ODOT can determine whether there may be an undue risk in certain areas that would require removal of the trees. <p>(include additional rational as used in the example action.)</p> | |
| Ideas for Implementation: | |
| <ul style="list-style-type: none"> • Develop a partnership between ODOT, ODF, private timber companies and private landowners that would inventory and summarize areas of high hazard for blowdown after removal of adjacent standing timber. • Develop a timeline with scheduled harvest to minimize visual impacts but to maintain safety. • Identify ownership of potential hazard trees. • Identify party responsible for harvest activity. • Develop educational material for County residents and neighbors | |
| Coordinating Organization: | Linn County Emergency Management |
| Internal Partners: | External Partners: |
| Road Department | ODOT ODF Private Timber Owners Private landowners |
| If available, estimated cost: | |
| <u>Short Term</u> (0-2 years) | <u>Long Term</u> (2-4 or more years) |
| | Ongoing |

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|---|--|
| Proposed Action Item Identification: | |
| | |
| Proposed Action Title/Description: | |
| Create database of local private resources including equipment, labor, special expertise and operating area as well as contact information that could be mobilized rapidly in event of fire, earthquake, flood or severe weather impacts. | |
| Rationale for Proposed Action Item: | |
| <ul style="list-style-type: none"> • Linn County has experienced impacts from each of the above mentioned events. • The county and public agencies may not have appropriate equipment or an adequate labor force during emergency situations. • Many private organizations already have resources located closer to impact areas and may be providing these services to their own, neighbors or clients property. | |
| Ideas for Implementation: | |
| <ul style="list-style-type: none"> • Consider an incident command structure and provide training that would coordinate resources included in the database. • Allow updating by private organizations through use of online technology accessible following registration of the organization. • Develop educational resources for private organizations wishing to participate in the database that will identify goals, implementation and updating requirements. • Develop inspection and evaluation procedures of the potential resources. • Determine database fields that would provide adequate information to make product useful. • Develop training exercises to test capabilities and prepare for actual events. | |
| Coordinating Organization: | Linn County Emergency Management |
| Internal Partners: | External Partners: |
| Road Department County Information Technology Dept. Sheriffs Dept. | Rural and City Fire Dept. Private Roadbuilders and contractors, Logging Companies, Timber Co.'s Aggregate Companies, Fire fighting companies |
| Timeline: | If available, estimated cost: |
| <u>Short Term</u> (0-2 years) | <u>Long Term</u> (2-4 or more years) |
| | Ongoing |



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STEERING COMMITTEE MEETING AGENDA

July 29, 2010

1. INTRODUCTION:

The purpose of this Steering Committee meeting is to review and discuss the final draft versions of the Natural Hazard Mitigation Plan.

2. Recommend the Plan with Edits to the Planning Commission to take further Public Comment.
4. QUESTIONS/COMMENTS –
5. GRANT BILLING
6. Schedule next Steering Committee Meeting to Review and documents progress.



LINN COUNTY PLANNING AND BUILDING DEPARTMENT

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Minutes

Date: 07/30/2010

Re: Linn County NHMP 2010 update – July 29, 2010 meeting

The Steering Committee discussed the final draft Natural Hazard Mitigation Plan. Robert Wheeldon moved to recommend the draft to the Linn County Planning Commission. John Hixson second the motion and passed 6-0.

Staff requested the timesheets for those on the Steering Committee.

The next Steering Committee Meeting was scheduled for July 29th, 2010 to review the final draft document

Attendance:

David Furtwangler, Linn County Planning Commissioner
John Hixson, Linn County Building Official
Darrel Tedisch, City of Albany Emergency Management Specialist
Mary VanAgtmael, Linn County Planning Commissioner
Robert Wheeldon, Linn County Planning and Building Director
Jim Howell, Linn County Emergency Management

July 29, 2010; 1:00pm
 Linn County Natural Hazard Mitigation Plan
 Steering Committee Meeting

| Name | Agency | Email | Phone |
|-------------------|---|------------------------------------|----------------|
| Mary Ann Van Dyke | Linn Co. Plan Comm. | | (503) 394-2453 |
| Dan [unclear] | " " | | 541 367-2111 |
| Jim Howell | Linn County (chief) Emergency Management | jhowell@le.linn. or.us | 541-907-3974 |
| Darrel Tedisch | City of Albany | darrel.tedisch@cityofalbania.or.us | 541 917-7725 |
| Robert Wheeldon | | | |
| JOHN HIXSON | | | |
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LINN COUNTY PLANNING AND BUILDING DEPARTMENT

Robert Wheeldon, Director

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Phone 541-967-3816; Fax 541-926-2060; www.co.linn.or.us

AGENDA

August 10, 2010; 7:00 pm

Linn County Planning Commission
Old Armory Building, George Miller Room B
(Corner of 4th Avenue and Lyon Street, Albany, Oregon)

Call to Order

Approval of Minutes of June 8, 2010

Case Scheduled for Hearing:

BC10-0003; Amendments to the Linn County Comprehensive Plan (Plan) text in LCC Chapter 903, Natural Resources Element Code, to adopt the Federal Emergency Management Agency (FEMA) Flood Insurance Study (FIS) for Linn County, Oregon and Incorporated areas, dated September 29, 2010 as the official data source for determining if a property is within a flood hazard area; and to amend the Floodplain Management Code (LCC 870) regulating new development and structures within flood hazard areas. The applicable decision criteria for a Plan text amendment are identified in Linn County Code (LCC) 921.872. The criteria are: (A) The amendment is consistent with the intent of the applicable section(s) of the Comprehensive Plan; and (B) The amendment is consistent with the statewide planning goals.

Other Business

A public meeting to review the 2010 update of the Linn County Natural Hazards Pre-Disaster Mitigation Plan. The Planning Commission will review the plan, take comments from the public on the draft plan update, and make a recommendation to the Board of Commissioners. Once approved by the Board of Commissioners, the plan will be forwarded to FEMA for review and approval in the fall of 2010. The mitigation plan addresses the natural hazards such as floods, severe winter storms, windstorms, landslides, drought and wildfires, as well as catastrophic hazards such as earthquakes and volcanoes. The purpose of the Hazard Mitigation Plan is to protect life and property and reduce damages resulting from natural disasters by reducing vulnerability to natural hazard risks. The updated mitigation plan will identify cost-effective hazard mitigation activities and projects that would reduce the impacts of natural disasters in rural Linn County. Linn County first approved the Natural Hazard Mitigation Plan in November 2005. Federal rules require the County to update the natural hazards mitigation action plan every five years. A current Hazard Mitigation Plan qualifies the County for pre-disaster hazard mitigation grants. The plan also qualifies the County to receive certain post-disaster relief funds when a natural disaster occurs. The Linn County Natural Hazard Mitigation Plan Steering Committee has updated the 2005 Natural Hazard Mitigation plan over the past 6 months through a series of public workshops.

General Discussion

Adjournment



LINN COUNTY PLANNING AND BUILDING DEPARTMENT

Robert Wheeldon, Director

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Phone 541-967-3816, Fax 541-926-2060
www.co.linn.or.us

Memorandum

To: Planning Commission

From: Olivia Glantz, Assistant Planner

Date: 08/03/2010

Re: Linn County seeks public input on update to Multi-Jurisdictional Natural Hazards Mitigation Plan

Linn County is updating its multi-jurisdictional Natural Hazards Mitigation Plan. This work is being performed in cooperation with the Oregon Partnership for Disaster Resilience and Oregon Emergency Management utilizing funds obtained from the Federal Emergency Management Agency (FEMA) Pre-Disaster Mitigation Grant Program. With re-adoption of the plan, Linn County will maintain its eligibility to apply for federal funding of natural hazard mitigation projects. The natural hazards mitigation plan (NHMP) identifies actions that strengthen the community's ability to withstand the damaging effects of natural hazards.

Mitigation is any sustained action taken to reduce or eliminate the long-term risk to human life and property from natural hazards. Example mitigation actions from Linn County's plan include:

- Action 3.3.3. Conduct community based fuel reduction demonstration projects in the interface.
- Action 2.4.1. Develop a program to implement non-structural retrofit of County staff offices and workspaces.

Linn County's NHMP is a multi-jurisdictional plan because some of the county's incorporated cities have included addenda in the NHMP. Cities currently developing addenda include: Lyons, Scio, Sodaville, and Tangent. Each addendum has its own risk assessment and set of action items unique to that community. Each city is currently developing its mitigation plan addendum to be consistent with the county NHMP.

Why dose Linn County need a Natural Hazard Mitigation Plan?

Without a federally and locally approved NHMP, a community is *not* eligible for the following federal disaster mitigation funds.

- Pre-Disaster Mitigation Grant Program: provides funds to states, territories, Indian tribal governments, communities, and universities for hazard mitigation planning and the implementation of mitigation projects prior to a disaster event. PDM grants are nationally competitive.
- Hazard Mitigation Grant Program: provides grants to state and local governments and other eligible recipients to implement long-term hazard mitigation measures

and projects after a major disaster declaration. The purpose of HMGP funds is to reduce the loss of life and property due to natural disasters and to enable mitigation measures to be implemented during the immediate recovery period following a disaster. HMGP funds are available to communities within states that have recently received Presidential Disaster Declarations. HMGP funds are prioritized for communities that are directly affected by a disaster, but communities outside of the disaster declaration are typically eligible as well.

- Flood Mitigation Assistance: assists states and communities in implementing measures that reduce or eliminate the long-term risk of flood damage to buildings, manufactured homes, and other structures insurable under the National Flood Insurance Program.

Note: Cities with approved addenda are individually eligible for the federal funding listed above.

Background: Planning Process

Linn County first adopted its NHMP in November 2005. Mitigation plans are required to be updated every five years to remain eligible for federal grant funding. The 2010 update of the Linn County Natural Hazards Mitigation Plan was funded by a 2009 Pre-Disaster Mitigation (PDM) Planning Grant. The PDM planning grant was developed in partnership with the Oregon Partnership for Disaster Resilience (OPDR) and Oregon Emergency Management to create or update mitigation plans for the mid-Willamette Valley. Plan update efforts began in the winter of 2009.

The following representatives served as steering committee members for the Linn County natural hazard mitigation plan update process:

Steve Barnett, Linn County GIS Manager
Mike Beaver, Linn County Fire Defense Board
Brian Carroll, Linn County Parks and Recreation Director
David Furtwangler, Linn County Planning Commissioner
John Hixson, Linn County Building Official
Jim Howell, Linn County Emergency Management
Chuck Knoll, Linn County Road Department
Darrel Tedisch, City of Albany Emergency Management Specialist
Mary VanAgtmael, Linn County Planning Commissioner
Robert Wheeldon, Linn County Planning and Building Director

The planning process and associated resources used to update Linn County's Natural Hazards Mitigation Plan were developed by OPDR.

Staff is requesting that the Planning Commission take public input on the draft and recommend the draft to the Linn County Board of Commissioners and take any public input at the public hearing.

Memo

To: Federal Emergency Management Agency (FEMA)

From: Linn County

Date: August 10, 2010

Re: List of changes to the 2005 Linn County NHMP for the 2010 Plan Update

Purpose

This memo describes the changes made to the 2005 Linn County Natural Hazards Mitigation Plan (NHMP) for the 2010 update of the Linn County NHMP. It serves as a record of major changes made for each NHMP section.

Project Background

In February 2010, Linn County contracted with the Oregon Partnership for Disaster Resilience (the Partnership) to update the 2005 Linn County Natural Hazards Mitigation Plan. The Disaster Mitigation Act of 2000 requires communities to update their mitigation plans every five years to remain eligible for Pre- Disaster Mitigation (PDM) program funding, Flood Mitigation Assistance (FMA) program funding, and Hazard Grant Mitigation Program (HGMP) funding. The County updated the risk assessment, discussed the plan goals and action items in the 2005 NHMP, developed new goals and action items for the 2010 update, and reviewed all changes made for the 2010 update prior to submittal to FEMA. The Partnership assisted Linn County by providing plan update trainings and technical assistance.

The County has made several major changes to the 2010 NHMP. The major changes are documented and summarized in this memo for each section of the mitigation plan.

2010 Update Changes by Section

The sections below discuss only *major* changes made to the 2005 Linn County Natural Hazard Mitigation Plan for the 2010 plan update. Major changes include the replacement or deletion of large portions of text, changing the location of sections, and new additions to the plan. If a section is not addressed, then it can be assumed that sections in the 2010 update are similar to like sections in the 2005 NHMP.

Cover Page and Acknowledgments

1. The Cover Page for the Linn County NHMP has been revised to include 2010 update information and the agencies involved in developing the plan update.
2. The Acknowledgments have changed to reflect the participants involved in the 2010 update. The participant list in the 2005 NHMP included representatives of agencies that provided input during the meetings held to develop the 2005 Linn County NHMP.

Executive Summary:

1. **Page i:** "How is the Plan Organized?" updated the names of the sections to be consistent with the titles in the document.

2. **Page ii:** "Who Participated in Developing the Plan?" updated to recognize who participated in the 2010 update.

Action Item Matrix:

Action Items. The 2010 update includes 45 action items. They are a combination of new action items addressing issues committee members identified in the April 15, 2010 hazard identification meeting, and action items from the 2005 NHMP that had not yet been completed. The status of each action item, whether it is a deferred (continuing) action or a new action, is indicated in the status column of the matrix. The 2005 actions that are included in the update as current action items have been revised as needed. All action items can be found in Appendix B.

Section 1 Introduction

Section 1.0 includes an introduction and purpose for the plan, summarizes the process for developing the 2005 NHMP and the 2010 update. The major changes in Section 1 include the following:

1. "Planning Process and Methodology" was edited to reflect the document is an update to the 2005 NHMP and the 2010 update. The members of the 2010 Steering Committee are identified and those members of the participating Cities. A summary of the process the County followed to update the plan was added.
2. "Linn County Communities" – Those Cities participating and developing addendums were identified.
3. "Public Participation" was revised to include a summary of the planning process for the 2005 NHMP and the 2010 update.
4. "Stakeholder Survey" was revised to include the summary of the survey taken in 2005 and include the survey in 2010.
5. "Hazard Research" has an added section for the 2010 update and identifies a new drought hazard section.
6. "Hazard Assessment" was changed to add the 2010 update information.

Section 2: Community Profile

Section 2 describes Linn County in a variety of ways. This section highlights demographic, employment, housing, transportation, and land use characteristics of the county. Changes made to this section for the 2010 update include:

1. Climatic, geographic, demographic, employment, housing, transportation, critical facilities, and land use information was updated to incorporate the latest information.
2. Information about Linn County's government structure, existing plans, and organizations that could assist with implementing natural hazard mitigation actions was added for the 2010 update.

Section 3: Risk Assessment

1. **page 3-1:** added 2010 hazard identification information. "hazard identification" added drought to the update.

Section 4: Action Plan

1. **page 4-1:** added the 2010 Steering Committee process for reviewing the mission, goals and objectives.
2. **page 4-5:** the priority of the goals changed based on the Steering Committee votes during the 2010 update. The ranking of the hazards changed based on the Steering Committee votes during the 2010 update.
3. **page 4-6:** ranking system changed based on voting on previous page.

Section 5: Plan Implementation and Maintenance:

The formatting and organization of this section has been changed.

1. **page 5-1:** Implementing the plan has been shortened and summarized. Co-Convenor has been added along with the responsibilities of each of the convenors.
2. **page 5-2:** "Coordinating Body" was changed to reflect the responsibilities and role of the Steering Committee. Added the members of the Steering Committee are listed under "Members".
3. **page 5-3:** "Plan Maintenance" was moved from page 5-8 and includes the annual meeting tasks, prioritization process for the action items.
4. **page 5-4:** updated the methodology for prioritizing items.
5. Section 5 deletions: The Policies, Functional Plans, Community Plan, Implementing Measures, Planning Maps have been deleted from this section.

Section 6 Flood

For 2010 update, most of the changes involved adding new information relevant to Linn County. The changes made to this section include the following:

1. **page 6-2:** "History of Floods in Linn County" two paragraphs were moved under "causes and characteristics"
2. **page 6-3:** first paragraph was moved under "Hazard Assessment".
3. **pages 6-3 – 6-4:** table 6-1 was updated with current data.
4. **page 6-7:** "Dam Failure Flooding" updated dam information to with current data.
5. **page 6-9:** "Probability of Flood Risk" added tlast paragraph
6. **page 6-10:** "Community Rating System" updated the CRS program ratings for the City of Albany and Scio. Added the Linn County BFE standard to build above 2 feet.
7. **page 6-11:** "Hazard Identification" added last paragraph.

8. **page 6-12:** Last paragraph on page added "Recent LIDAR data that has become available..."
9. **page 6-15:** "Riparian Areas" last paragraph under this section was added.
10. **page 6-16:** "Repetitive Flood loss areas" Entire section and table was updated to reflect new repetitive flood loss data.
11. **page 6-17:** "Risk Analysis" updated third and fourth paragraphs under this section to reflect current data and direction from the Steering Committee.
12. **page 6-20:** "National Flood Insurance Program (NFIP)" Second paragraph was added to describe the most recent NFIP statistics.
13. **page 6-20:** "2005 Flood Mitigation Action Items" entire section showing the progress of each action item from the 2005 plan was added.

Section 7 Landslides

For 2010 update, most of the changes involved adding new information relevant to Linn County. The changes made to this section include the following:

1. **page 7-9:** "Natural Causes" added "Heavy Precipitation and rainfall... approximately six inches of rainfall in one day".
2. **page 7-15:** added last paragraph discussing the intense rainfall in Linn County and road systems.
3. **page 7-17:** added third paragraph discussing rainfall in December 1995 and January 1996.
4. **page 7-23:** added section "House Bill 3375(2003)" to update legislation.
5. **page 7-24:** added section "2005 Landslide Mitigation Action Items Progress" to show progress that was made on action items from the 2005 plan.

Section 8 Wildfire

For 2010 update, most of the changes involved adding new information relevant to Linn County. The changes made to this section include the following:

1. **Page 8-2.** Updating new legislation concerning grass seed farmer burning fields.
2. **Page 8-7.** Updating where information was available "US wild Fire Season" table.
3. **Page 8-9.** Updating where information was available "Oregon Seasonal Fire Occurrence" table.
4. **Page 8-10.** Added section with information concerning the Linn County Community Wildfire Protection Plan (CWPP) adopted in 2007.
5. **Page 8-21.** Added section addressing those 2005 action items either in progress or completed. Each action item has a summary of the status and progress. Under each action item it is also stated if the Steering Committee decided to defer, change or delete the action item.

6. **Page 8-23.** Action items are either deleted or updated. The Linn County Fire Defense Board and Steering Committee have not developed any new action items.

Section 9 Severe Weather

For 2010 update, most of the changes involved adding new information relevant to Linn County. The changes made to this section include the following:

1. **Page 9-4.** Grammatical change under “Ice”
2. **Page 9-5.** “Location and Extent of Severe Weather Events”; added September 2007 event.
3. **Page 9-7.** “Table 9-1” added December 2003 – January 2004 event and January – February 2008 event.
4. **Page 9-9.** ”Table 9-2” added January 2006 – March 2008 events to the table.
5. **Page 9-11.** “Table 9-3” added September 2007 event
6. **Page 9-12.** “Table 9-4” updated Vulnerability and Probability.
7. **Page 9-13.** “Table 9-5” updated Vulnerability and Probability.
8. **Page 9-16-17.** “2005 Mitigation Action Item Progress” added section to show progress made on action items.

Section 10 Drought

1. **Drought Hazard.** The 2005 NHMP did not include drought. The Linn County Natural Hazard Mitigation Steering Committee decided to include the drought hazard in the 2010 update. The County added information about drought as it relates to Oregon and Linn County.

Section 11 Earthquake

1. **page 11-4:** edited and changed paragraph 5-7 under “Location and Extent of Earthquake Hazard”
2. **page 11-7:** added second paragraph on page discussing rapid visual screening; and updated table 10-2. Incorporated data from DOGAMI’s Rapid Visual Screening study completed in 2007,
3. **page 11-8:** updated table 10-3 and table 10-4 with current data.
4. **page 11-9:** updated table 10-5 with current data.
5. **page 11-10:** updated table 10-6 with current data.
6. **page 11-23:** “2005 Mitigation Action Item Progress” added section to show progress made on action items.

Section 12 Multi Hazard

1. **page 12-2:** “2005 Mitigation Action Item Progress” added section to show progress made on action items.

Appendices