

Chapter 3 Planning Process

Requirements §201.6(b) and §201.6(c)(1): 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 nonprofit interests to be involved in the planning process; and
- 3) Review and incorporation, if appropriate, of existing plans, studies, reports, and technical information.

[The plan shall document] the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how the public was involved.

Placer County recognized the need and importance of the update process for their local hazard mitigation plan and initiated its development. After receiving a grant from the Federal Emergency Management Agency (FEMA), which served as the primary funding source for this plan, the County contracted with Foster Morrison Consulting, LLC (Foster Morrison) to facilitate and develop the plan. Jeanine Foster, a professional planner with Foster Morrison, was the project manager and CRS lead in charge of overseeing the planning process and the development of this LHMP update. Chris Morrison, also a professional planner with Foster Morrison, was the lead planner for the development of this update. The Foster Morrison's team's role was to:

- Assist in establishing the Hazard Mitigation Planning Committee (HMPC) as defined by the Disaster Mitigation Act (DMA);
- Meet the DMA requirements as established by federal regulations and following FEMA's planning guidance;
- Support objectives under the National Flood Insurance Program's Community Rating System and the Flood Mitigation Assistance program;
- Facilitate the entire planning process;
- Identify the data requirements that HMPC participants could provide and conduct the research and documentation necessary to augment that data;
- Assist in facilitating the public input process;
- Produce the draft and final plan documents; and
- Coordinate with the California Office of Emergency Services (Cal OES) and FEMA Region IX plan reviews.

3.1 Local Government Participation

The DMA planning regulations and guidance stress that each local government seeking FEMA approval of their mitigation plan must participate in the planning effort in the following ways:

- Participate in the process as part of the HMPC;

- Detail where within the planning area the risk differs from that facing the entire area;
- Identify potential mitigation actions; and
- Formally adopt the plan.

For the Placer County Planning Area’s HMPC, “participation” meant the following:

- Providing facilities for meetings;
- Attending and participating in the HMPC meetings;
- Completing and returning the Data Collection Worksheets;
- Collecting and providing other requested data (as available);
- Managing administrative details;
- Making decisions on plan process and content;
- Identifying mitigation actions for the plan;
- Reviewing and providing comments on plan drafts; including annexes
- Informing the public, local officials, and other interested stakeholders about the planning process and providing opportunity for them to comment on the plan;
- Coordinating, and participating in the public input process; and
- Coordinating the formal adoption of the plan by the governing boards.

The County and all jurisdictions with annexes to this plan seeking FEMA approval met all of these participation requirements. In most cases one or more representatives for each jurisdiction attended the HMPC meetings described in Table 3-3 and also brought together a local planning team to help collect data, identify mitigation actions and implementation strategies, and review and provide data on plan drafts. Appendix A provides additional information and documentation of the planning process.

In order to promote the integration of CRS into this planning process, the representatives from the County were selected based on their areas of expertise relative to the CRS mitigation categories as detailed in Table 3-1. In addition, the Placer County Community Development Resource Agency Planning Services Division (Crystal Jacobsen, Principal Planner and Chris Schmidt, Planner), in association with planners from many of the cities and Foster Morrison Planners were involved in the development of this plan update through attendance at meetings, coordination, providing data, future land use planning support, and help with meeting facilitation. In addition to attending meetings, providing draft text for inclusion in the plan, reviewing plan documents, and coordinating input from other departments and stakeholders, Placer County planners also provided information on development since the last plan, mapping and details on future development areas, input on current mitigation capabilities, and in-progress modifications to the General Plan and associated documents specific to Placer County’s floodplain management provisions for regulating to the 200-year level of flood protection.

Table 3-1 Placer County Staff Capability with Six Mitigation Categories

Placer County Departments/Staff	Prevention	Property Protection	Natural Resource Protection	Emergency Services	Structural Flood Control Projects	Public Information	Other
Community Development Resource Agency/Planning Services Division– Crystal Jacobsen, Chris Schmidt	X	X	X			X	X

Placer County Departments/Staff	Prevention	Property Protection	Natural Resource Protection	Emergency Services	Structural Flood Control Projects	Public Information	Other
Emergency Services/Fire– John McEldowney, Young Rodriguez, Luana Dowling	X	X	X	X	X	X	X
Public Works and Facilities, Planning and Building Services – Christina Hansen	X	X	X		X		X
Public Works and Facilities Department, Parks Division – Andy Fisher	X	X	X			X	X
Public Works and Facilities – Flood Management & Engineering – Bob Costa, Mary Keller	X	X	X		X	X	X
Community Development Resource Agency/GIS-Information Technology – Kelly Berger, Chris Brown	X					X	X
Community Development Resource Agency, Planning Services Division– Chris Brown	X	X	X			X	X

Specific individuals representing the Placer County (CRS community) departments participating in this LHMP Update were actively involved throughout the plan update process and are identified in Appendix A in the sign-in sheets for the meetings and as referenced in the resolution forming the steering committee also included in this planning process appendix. This Chapter 3 and Appendix A provides additional information and documentation of the planning process and participants to this plan update, including members of the steering and working committees, comprising the HMPC.

3.2 The 10-Step Planning Process

Foster Morrison established the planning process for updating the Placer County Local Hazard Mitigation Plan using the DMA planning requirements and FEMA’s associated guidance. This guidance is structured around a four-phase process:

1. Organize Resources;
2. Assess Risks;
3. Develop the Mitigation Plan; and
4. Implement the Plan and Monitor Progress.

Into this process, Foster Morrison integrated a more detailed 10-step planning process used for FEMA’s Community Rating System (CRS) and Flood Mitigation Assistance programs. Thus, the modified 10-step process used for this plan meets the requirements of six major programs: FEMA’s Hazard Mitigation Grant Program; Pre-Disaster Mitigation program; Community Rating System; Flood Mitigation Assistance Program; Severe Repetitive Loss program; and new flood control projects authorized by the U.S. Army Corps of Engineers.

Table 3-1 shows how the modified 10-step process fits into FEMA’s four-phase process. The sections that follow describe each planning step in more detail.

Table 3-2 Mitigation Planning Processes Used to Develop the Placer County Local Hazard Mitigation Plan

DMA Process	Modified CRS Process
1) Organize Resources	
201.6(c)(1)	1) Organize the Planning Effort
201.6(b)(1)	2) Involve the Public
201.6(b)(2) and (3)	3) Coordinate with Other Departments and Agencies
2) Assess Risks	
201.6(c)(2)(i)	4) Identify the Hazards
201.6(c)(2)(ii)	5) Assess the Risks
3) Develop the Mitigation Plan	
201.6(c)(3)(i)	6) Set Goals
201.6(c)(3)(ii)	7) Review Possible Activities
201.6(c)(3)(iii)	8) Draft an Action Plan
4) Implement the Plan and Monitor Progress	
201.6(c)(5)	9) Adopt the Plan
201.6(c)(4)	10) Implement, Evaluate, and Revise the Plan

This LHMP update involved a comprehensive review and update of each section of the 2010 plan and includes an assessment of the success of the participating communities in evaluating, monitoring and implementing the mitigation strategy outlined in the initial plan, as previously described in more detail in Chapter 2 and throughout Chapter 4.

The process followed to update the plan is detailed in the above table and the sections that follow and is in conformance with the latest DMA planning guidance and the CRS 2013 Coordinator’s Manual. As part of this plan update, all sections of the plan were reviewed and updated to reflect new data, processes, participating jurisdictions, and resulting mitigation strategies. Only the information and data still valid from the 2010 plan was carried forward as applicable into this LHMP update.

3.2.1. Phase 1: Organize Resources

Planning Step 1: Organize the Planning Effort

With Placer County’s and participating jurisdictions’ commitment to participate in the DMA planning process and the CRS program, Foster Morrison worked with the County’s Office of Emergency Services (OES) to establish the framework and organization for development of the plan. An initial meeting was held with key community representatives to discuss the organizational and process aspects of this plan update process. At the beginning of this planning process, a resolution was passed by Placer County, the CRS community establishing the planning process and the Hazard Mitigation Planning Committee (HMPC). The resolution is included in Appendix A.

The initial kick-off meetings were held on April 28 and 29, 2015. To better facilitate the planning process, for each planned meeting, duplicate meetings were held in Auburn (for the eastern HMPC participants) and in the Tahoe area (for the western HMPC participants). Invitations to these kickoff meetings were extended to key county departments, the five incorporated communities, special districts located within the planning area, as well as to other federal, state, and local stakeholders, including representatives from the public, that might have an interest in participating in the planning process. Representatives from participating jurisdictions and HMPC members to the 2010 plan were used as a starting point for the invite list, with additional invitations extended as appropriate throughout the planning process. The list of initial invitees is included in Appendix A.

The HMPC was established as a result of these organizational meetings, as well as through interest generated through the initial public meetings and outreach conducted for this project as detailed later in this section. The HMPC, comprising key county, city, special district, and other government and stakeholder representatives and the public, developed the plan with leadership from the County OES and facilitation by Foster Morrison. Each participating jurisdiction seeking FEMA approval of the plan had representation on the HMPC. Participating jurisdictions also indicated their commitment to participate as evidenced by executing a letter of commitment of participation at the beginning of the planning process. Letters of commitment for participating jurisdictions are included in Appendix A. The HMPC was comprised of members of the steering committee established for this process (as discussed further in this section) as well as other representatives from key county, city, and other government agencies, key stakeholders, and the public, with an interest in hazard mitigation. The following participated on the HMPC:

Placer County

- Administrative Services
- Agricultural Commissioner
- Assessor
- Communications and Public Affairs
- Community Development Resource Agency, GIS/Information Technology
- Community Development Resource Agency, Planning Services Division
- Community Development Resource Agency, Building Services Division
- Emergency Services
- Health and Human Services
- Public Works and Facilities, Capital Improvements Division
- Fire Services
- Police
- Public Works and Facilities, Planning and Building Services
- Public Works and Facilities, Parks
- Public Works and Facilities, Environmental Engineering
- Public Works and Facilities, Roads
- Public Works and Facilities, Flood Control, Drainage, and Stormwater Quality

Participating Cities

- City of Auburn
- City of Colfax
- City of Lincoln
- City of Rocklin

- Town of Loomis

Other Government and Stakeholder Representatives:

- Alta Fire Protection District*
- Alpine Springs County Water District*
- Foresthill/Iowa Hill Fire Protection District*
- Loomis Fire Protection District*
- Nevada Irrigation District*
- Northstar Community Services District*
- North Tahoe Fire Protection District*
- North Tahoe Public Utilities District*
- Placer County Flood Control District*
- Placer County Water Agency (PCWA)*
- Placer Hills Fire Protection District*
- South Placer Fire Protection District*
- Squaw Valley Public Services District*
- Tahoe City Public Utility District*
- Tahoe-Truckee Unified School District*
- Truckee Fire Protection District*

*Indicates participating jurisdiction seeking FEMA approval of this plan

Citizens

- George Alves
- Tom Jones
- Rick Bluhm
- Carolyn Macola
- Michael Garabedian
- Dave Noel
- Harvey Oslick, Wood Rodgers
- Suzanne Wilkins, CDM Smith
- Brian Judge, Lahanton Waterboard
- Peter Kraatz
- Dick Morton, North Tahoe Fire CERT
- Nilita Morton, North Tahoe Fire CERT

A list of participating HMPC representatives for each jurisdiction is included in Appendix A. This list details all HMPC members that attended one or more HMPC meetings detailed in Table 3-4. Each jurisdiction also utilized the support of many other support staff in order to collect and provide requested data and to conduct timely reviews of the draft documents as further detailed in each annex to this plan. Note that the above list of HMPC members also includes several other government and stakeholder representatives that were invited to participate and contributed to the planning process.

Steering Committee

The HMPC includes both a Steering Committee and Working Group. The Steering Committee is the policy body which has primary input and decides what is included in the plan document. The Working Group provides data and information to the Steering Committee for consideration. The Steering Committee is

comprised of key representatives from the County and the incorporated communities, and other agency and public representatives. The non-local government members of the Steering Committee (citizens and other outside stakeholders) represent more than 50% representation of the committee. See Table 3-3 and Appendix A for details on the makeup of the Steering Committee.

Table 3-3 Placer County LHMP Steering Committee

Community/Representative	Department/Organization	Citizen	Stakeholder
Placer County			
Young Rodriguez/John McEldowney	Emergency Services		
Chris Schmidt	Community Development/ Planning Services		
Bob Costas/Mary Keller	Public Works and Facilities/ Flood Control		
George Alves			
Tom Jones		X	
Rick Bluhm		X	
Carolyn Macola		X	
Michael Garabedian		X	
Dave Noel		X	
Harvey Oslivick	Wood Rodgers	X	
Suzanne Wilkins	CDM Smith	X	
Brian Judge	Lahanton Waterboard		X
Peter Kraatz		X	
Dick Morton	North Tahoe Fire CERT	X	X
Nilita Morton	North Tahoe Fire CERT		X
City of Auburn			
John Ruffcorn	Public Safety Director		
City of Colfax			
Wes Heathcock	Community Services Director		
City of Loomis			
Britton Snipes	Director of Public Works		
Town of Lincoln			
Mike Davis	Fire Department		
City of Rocklin			
David Mohlenbrok	Environmental Services Manager		

Table 3-1 demonstrates the Placer County Steering Committee members' expertise in the six mitigation categories (Prevention, Property Protection, Emergency Services, Natural Resource Protection, Structural Flood Control Projects, and Public Information) The Placer County staff responsible for community land

use and comprehensive planning for the County, as the CRS community, were active participants on the HMPC and Steering Committee and provided data and information to support development of the plan. Specifically, this includes the Planning Services Division of the Community Development Resource Agency from Placer County as previously described. The support of staff from all participating jurisdictions were called upon to collect and provide requested data and to conduct timely reviews of the draft documents. Note that the above list of HMPC and steering committee members also includes citizens and several other government and stakeholder representatives that contributed to the planning process. Specific participants from these other agencies are identified above and, with supporting documentation included in Appendix A.

Meetings

The planning process officially began with a kick-off meeting held in both Auburn and Tahoe City, on April 28 & 29, 2015, at 2:00 pm, followed by public kick-off meeting held the same day as each of the two meetings at 6:00 pm at the Placer County Fire Station in Auburn and the North Tahoe Fire Protection District Station 51 in Tahoe City. The meetings covered the scope of work and an introduction to the DMA, CRS, and FMA requirements. During the HMPC Kick-off meetings, participants were provided with data collection worksheets to facilitate the collection of information necessary to support development of the plan. Using FEMA guidance, these worksheets were designed to capture information on past hazard events, identify hazards of concern to each of the participating jurisdictions, quantify values at risk to identified hazards, inventory existing capabilities, record possible mitigation actions, and to capture information on the status of mitigation action items from the 2010 plan. A copy of the worksheets for this project are included in Appendix A. The County and each jurisdiction seeking FEMA approval of this plan update completed and returned the worksheets to Foster Morrison for incorporation into the plan document.

During the planning process, the HMPC communicated through face-to-face meetings, email, telephone conversations, file transfer protocol (ftp) and Dropbox websites, and through a County developed webpage dedicated to the plan development process. This later website was developed to provide information to the HMPC, the public and all other stakeholders on the LHMP process. Draft documents were also posted on these websites so that the HMPC members and the public could easily access and review them. The LHMP website can be accessed at:

- Placer County – <http://www.placer.ca.gov/departments/ceo/emergency/local-hazard-mitigation-plan>

The HMPC met formally five times during the planning period (April 2015 – January 2016) which adequately covers the four phases of DMA and the 10-Step CRS planning process. The formal meetings held and topics discussed are described in Table 3-4. Agendas and sign-in sheets for each of the meetings are included in Appendix A.

Table 3-4 HMPC Meetings

Meeting Type	Meeting Topic	Meeting Date(s)	Meeting Location(s)
HMPC #1 Kick-off Meeting	<ol style="list-style-type: none"> 1) Introduction to DMA and the planning process 2) Overview of current LHMP; 3) Organize Resources (CRS Steps 1,2,&3): the role of the HMPC, planning for public involvement, coordinating with other agencies/stakeholders 4) Introduction to Hazard Identification 	4/28 & 29, 2015	Placer County Planning Commission Hearing Room, Auburn & North Tahoe Fire Protection District Station 51, Tahoe City
HMPC #2	<ol style="list-style-type: none"> 1) Risk assessment overview and work session <ul style="list-style-type: none"> -CRS Step 4: Assess the Hazard -CRS Step 5: Assess the Problem 	8/5 & 6, 2015	Auburn Justice Center, Community Meeting Room, Auburn & North Tahoe Fire Protection District Station 51, Tahoe City
HMPC #3	<ol style="list-style-type: none"> 1) Review of risk assessment summary 2) Review and update of mitigation goals <ul style="list-style-type: none"> -CRS Step 6: Set Goals -CRS Step 7: Review possible activities 	9/22 & 24, 2015	Auburn Justice Center, Community Meeting Room, Auburn & Kings Beach Event Center, Kings Beach
HMPC #4	<ol style="list-style-type: none"> 1) Review of mitigation alternatives 2) Review and update of mitigation actions from the 2010 plan 3) Identify updated list of mitigation actions by hazard 4) Review of mitigation selection criteria 5) Update and prioritize mitigation actions 6) Mitigation Action Strategy Implementation and Draft Action Development <ul style="list-style-type: none"> -CRS Step 7: Review possible activities -CRS Step 8: Draft an Action Plan 	9/23 & 25, 2015	Auburn Justice Center, Community Meeting Room, Auburn & Kings Beach Event Center, Kings Beach
HMPC #5	<ol style="list-style-type: none"> 1) Review of final HMPC, jurisdictional and public comments and input to plan 2) Review and documentation of changed conditions, vulnerabilities and mitigation priorities 3) CRS Step 8: Draft an Action Plan 4) CRS Step 9 & 10: Plan maintenance and Implementation Procedures 	1/19 & 20, 2016	Auburn Justice Center, Community Meeting Room, Auburn & North Tahoe Fire Protection District Station 51, Tahoe City

Planning Step 2: Involve the Public

Up-front coordination discussions with the Office of Emergency Services, planning staff, and Floodplain managers for Placer County established the initial plan for public involvement. Public involvement activities for this plan update included press releases, outreach on weekly County e-newsletter and social media, stakeholder and public meetings, development of an LHMP webpage and associated website postings, and the collection of public and stakeholder comments on the draft plan through a variety of mechanisms as further described below, as well as specific targeted outreach to different groups of people and other agencies throughout the county and incorporated municipalities. Information provided to the public included an overview of the mitigation status and successes resulting from implementation of the 2010 plan as well as information on the processes, new risk assessment data, and proposed mitigation strategies for this plan update. As part of the plan development process, a Public Involvement Plan was

also developed to ensure a meaningful public process and to focus efforts on maximizing CRS credits for public outreach.

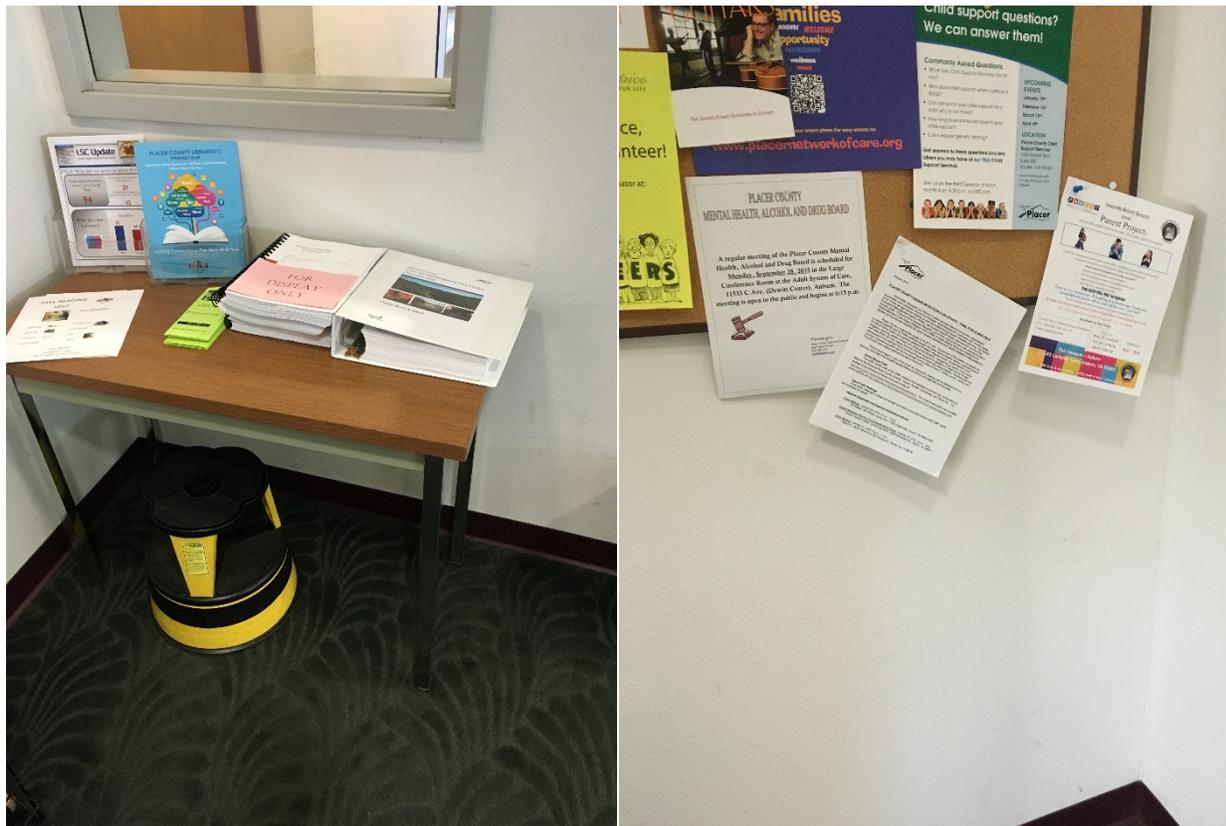
Early Public Meetings

Public outreach for this plan update began at the beginning of the plan development process with an advertisement placed in the local newspaper and other local outreach methods to inform the public of the purpose of the DMA and the hazard mitigation planning process for the Placer County Planning Area and an advertisement placed to invite the public to early public meetings held in duplicate on the western and eastern sides of the County to kick-off the project on April 28 & 29, 2015 at the Placer County Fire Department in Auburn and the North Tahoe Fire Protection District Station 51 in Tahoe City. These meeting locations were selected for easy access for all county residents. At the planning team kick-off meetings, the HMPC discussed additional strategies for public involvement and agreed to an approach using established public information mechanisms and resources within the community, including the Placer County Public Information Office.

Final Public Meetings

The first draft of the plan was provided to the HMPC in November of 2015, with a public review draft provided in December of 2015. Two public meetings were held on January 21 & 22, 2016 to present the draft LHMP and to collect public comments on the plan prior to finalization and submittal to Cal OES/FEMA. Public meetings were advertised in a variety of ways to maximize outreach efforts to both targeted groups and to the public at large and included advertisements in the local paper inviting the public to attend the formal public meetings. The advertisements in the local newspapers included information on the date, location and time of the meeting, and where the draft plan could be accessed in the community. Two articles were also included in the local Tahoe newspaper, both prior to and reporting on the final public meetings. Similar to the early public meetings, the two public meetings on the draft plan were held on the eastern and western sides of the County to facilitate participation by all County residents. In addition to a copy of the draft plan being placed on the County website in advance of these meetings, hard copies of the draft of the plan were made available to interested parties at four Placer County Public Libraries: Auburn, Granite Bay, Rocklin, and Tahoe City

Figure 3-1 Public Outreach Table at Placer County Library – Granite Bay



Source: Placer County

Documentation to support the final public meeting can be found in Appendix A. In addition to advertisement for public participation, notices of meetings were sent directly to all persons on the HMPC contact list and also to other agency and key stakeholders with an interest in the Placer County Planning Area. The majority of these people reside in Placer County or in surrounding communities. Because this is a multi-jurisdictional planning effort, all public outreach activities for this plan update were conducted in cooperation with and on behalf of Placer County, the incorporated communities, and all participating jurisdictions. The formal public meetings for this project are summarized in Table 3-5.

Table 3-5 Schedule of Public and Stakeholder Meetings

Meeting Topic	Meeting Date	Meeting Locations
1) Intro to DMA and mitigation planning 2) LHMP plan overview and public comments	4/28 & 29, 2015	Placer County Fire Station, Auburn & North Tahoe Fire Protection District Station 51, Tahoe City
Presentation of Draft LHMP and solicitation of public and stakeholder comments	1/21 & 22, 2016	Placer County Fire Station, Auburn & North Tahoe Fire Protection District Station 51, Tahoe City

Where appropriate, stakeholder and public comments and recommendations were incorporated into the final plan, including the sections that address mitigation goals and strategies. Written public comments were provided by only two members of the public, with several agency stakeholders providing input and comments on the draft plan and other related data throughout the plan development process. All press releases, newspaper advertisements and articles, website postings, and public outreach efforts are on file with the Placer County OES and are included in Appendix A.

Other Public Outreach Efforts

Beyond these more formal public involvement activities, the update process also included the following public outreach activities included in Table 3-6 which are further documented and described in Appendix A. The public outreach activities described here were conducted with participation from and on behalf of all jurisdictions participating in this plan, including the CRS community of Placer County.

Table 3-6 Other Public Outreach Efforts

Effort	Description
Manned Fire Safe Alliance Booth at Auburn Home Show on 5/1/2015	Provided materials of the LHMP Update process table along with other tables with fire mitigation pamphlets and flyers inside a CALFIRE building at the PC Gold Country Fairground. Discussed roles of the community in hazard mitigation planning and the communication of disaster information. Sought input on plan development and how to get involved in the plan update process.
Article in Newspaper	An article was published to make citizens in the County aware of the hazard mitigation update process and invite participation and attendance at upcoming HMPC and Public Meetings
Placer County Weekly e-newsletter	Information on the Plan update process and upcoming HMPC and public meeting locations were included in the Placer County e-newsletter informing interested parties on how to be involved in the LHMP Update Process
LHMP Public Outreach Flyer included with Flood Hazard Letter to property owners with properties in the floodplain	The County mailed out (by 11/23/15) approximately 300-310 repetitive loss (RL) letters to property owners with RL properties, with the LHMP Public Outreach flyer enclosed which included the hazard survey information. The letter included information how to participate on the HMPC
LHMP Public Outreach Flyer included with Flood Hazard Letter to Real Estate Agents	The County mailed 255 (combined) flood zone determination service and flood insurance information letters to real estate agents with the LHMP Public Outreach flyer enclosed which included the hazard survey information. The letter included information how to participate on the HMPC.
LHMP Public Outreach Flyer included with Flood Hazard Letter to Insurance Companies	The County mailed 255 (combined) flood zone determination service and flood insurance information letters to insurance companies with the LHMP Public Outreach flyer enclosed which included the hazard survey information. The letter included information how to participate on the HMPC.

Effort	Description
Storm Drain Marking Event in Tahoe City on October 10, 2015	The Placer County Stormwater Quality Division working in partnership with the League to Save Lake Tahoe to put on a storm drain marker event in which volunteers swept the storm drains free of debris, picked up trash, installed English and Spanish anti-pollution message markers into storm drain grates and receive a short presentation on the impact of stormwater runoff on Lake Tahoe water clarity. Information on the LHMP Update process (LHMP Public Outreach Flyer with Survey Link) and how the public could get involved was distributed as part of this event.
Truckee River Day & River Fair in the Town of Truckee on October 18, 2015	This event, through the Truckee River Water Shed Council and the Sierra Watershed Education Partnership, included restoration projects. The Placer County Stormwater Quality Division hosted a table with informational materials at the Education Fair from 1 pm to 4 pm at the Granite Flat Campground on Highway 89. Information on the LHMP Update process (LHMP Public Outreach Flyer with Survey Link) and how the public could get involved was distributed as part of this event.
Rocklin Fall Festival on October 24, 2015	The Placer County Stormwater Quality Division hosted a table with informational materials in partnership with the City of Rocklin. This was a free family event geared towards school-age children and their families. It included a stormwater demonstration model, prize wheel, and prizes provided by the County and City. The event at Johnson Springview Park in Rocklin included information on the LHMP Update process (LHMP Public Outreach Flyer) and how the public could get involved.
Survey	A public survey was posted on the County's website inviting the public to comment on how prepared both the County and individuals are for a possible natural disaster, including flood events
Public Outreach at Placer County Public Library, Auburn location	The County prepared a table in the reference section with the draft plan at the Placer County Public Library, Auburn location. Invitations were placed on Facebook, the County website, and as part of the advertisement for public meetings to let the public know that the documents were there for review and input.
Public Outreach at Placer County Public Library, Granite Bay location	The County prepared a table in the reference section with the draft plan at the Placer County Public Library, Auburn location. Invitations were placed on Facebook, the County website, and as part of the advertisement for public meetings to let the public know that the documents were there for review and input..
Public Outreach at Placer County Public Library, Rocklin location	The County prepared a table in the reference section with the draft plan at the Placer County Public Library, Auburn location. Invitations were placed on Facebook, the County website, and as part of the advertisement for public meetings to let the public know that the documents were there for review and input..
Public Outreach at Placer County Public Library, Tahoe City location	The County prepared a table in the reference section with the draft plan at the Placer County Public Library, Auburn location. Invitations were placed on Facebook, the County website, and as part of the advertisement for public meetings to let the public know that the documents were there for review and input..
Placer County LHMP Update Website	Information on the Plan update process and location of documents, and final HMPC and public meeting locations were posted on the County website. Links to the County website were placed on websites from the other incorporated communities.
Placer County Weekly e-newsletter	Information on the Plan update process and location of documents, and final HMPC and public meeting locations were included in the Placer County e-newsletter informing interested parties on how to provide input to the draft plan prior to submittal to Cal OES/FEMA
Paid Ad and Article in Newspaper: Sierra Sun	A paid ad was taken out and an article published before the final public meetings, to make citizens in the County aware of the hazard mitigation update process and invite comment on the draft plan/attendance at public meetings prior to submittal to Cal OES/FEMA

Effort	Description
Article in Newspaper: Sierra Sun	Sierra Sun Staff attended the final public meeting in Tahoe. A follow-up article was published reporting on the final public meetings, to make citizens in the County aware of the hazard mitigation update process and invite comment on the draft plan prior to submittal to Cal OES/FEMA

The draft plan is currently available online on the Placer County website at <http://www.placer.ca.gov/departments/ceo/emergency/local-hazard-mitigation-plan>. The public outreach activities described here were conducted with participation from and on behalf of all jurisdictions participating in this plan, including the CRS community of Placer County, incorporated communities, and other participating jurisdictions.

Public Outreach Survey

An integral element in hazard mitigation planning is broad public participation. Information provided by residents fosters a better understanding of local hazard concerns and can spawn innovative ideas to reduce impacts of future hazard events. A public opinion survey was accomplished to gather information from Placer area residents concerning local hazards. The survey was located on the County’s LHMP website throughout most of the planning process and survey participation was promoted through public meetings, program websites, press releases, social media, and other public outreach events as previously described. Following is a summary of survey results. The survey and survey results are included in Appendix G.

Public Information Program Strategy

Placer County has in place a public program information strategy designed to maximize credits under CRS Activity 330. (This annual floodplain management update is being sent to those who may own property located within a floodplain.) Placer County’s Floodplain Management Program is administered through the Department of Public Works and Facilities. The County makes efforts to make available information that pertains to floodplain management to educate and assist Placer County citizens about developing and living in a floodplain. Numerous FEMA publications and reference materials are made available at the Placer County Library. County residents may contact Placer County –Floodplain Management Staff at 530-745-7503 or visit the County’s website at: <http://www.placer.ca.gov/Departments/Works/FloodplainMgt.aspx>.

Planning Step 3: Coordinate with Other Departments and Agencies

Early in the planning process, the HMPC determined that data collection, mitigation strategy development, and plan approval would be greatly enhanced by inviting other local, state and federal agencies and organizations to participate in the process. Based on their involvement in hazard mitigation planning, their landowner status in the County, and/or their interest as a neighboring jurisdiction, representatives from the following agencies were invited to participate on the HMPC:

- Cal OES
- Cal Fire
- California Department of Water Resources

- Community Services Districts
- Incorporated communities in Placer County
- Fire Protect Districts
- Fire Safe Alliance
- Flood Control District
- Irrigation Districts
- National Weather Service
- Neighboring Communities
- NFIP/CRS Program Coordinators
- Public Utility Districts
- Red Cross
- Resource Conservation District
- Placer County and all Agencies
- United States Corps of Engineers
- United States Forest Service
- Water Agencies
- Water Districts

Coordination with key agencies, organizations, and advisory groups throughout the planning process allowed the HMPC to review common problems, development policies, and mitigation strategies as well as identifying any conflicts or inconsistencies with regional mitigation policies, plans, programs and regulations. Coordination involved contacting these agencies through a variety of mechanisms and informing them on how to participate in the plan update process and if they had any expertise or assistance they could lend to the planning process or specific mitigation strategies. Coordination with these groups included, holding face-to-face meetings, sending outreach letters or e-mails, some with follow up phone calls; and making phone calls alone to out of area agencies. All of these groups and agencies were solicited asking for their assistance and input, telling them how to become involved in the plan update process, and inviting them to HMPC meetings. This coordination with other agencies is documented in Appendix A and includes a summary table of who was contacted, the method of contact, that the purpose. Supporting documentation such as meeting telephone conversation logs are also included.

In addition, as part of the overall stakeholder and agency coordination effort, the HMPC coordinated with and utilized input to the LHMP update from the following agencies:

- American Red Cross
- Auburn Resource Conservation District
- CAL OES
- CAL FIRE
- California Department of Finance
- California Department of Water Resources
- California Geological Survey
- California Highway Patrol
- California Office of Environmental Health Hazard Assessment
- California Register of Historic Places
- Central Valley Water Board
- City of Roseville
- Contractor's Association of Truckee Tahoe
- Dry Creek Conservancy and American Basin Council of Watersheds
- FEMA Region IX

- Foresthill/Iowa Hill Fire Safe Council
- Greater Lincoln Fire Safe Council
- Invasive Species Council of California
- Kinder Morgan
- Lahontan Water Board
- Library of Congress
- Local Government Affairs Committee
- National Oceanic and Atmospheric Association
- National Performance of Dams Program
- National Register of Historic Places
- National Resource Conservation Service
- National Response Center
- National Weather Service, WFO Sacramento
- North State Building Industry Association
- Pacific Gas & Electric
- Placer County Architects, Geologists, Engineers and Surveyors
- Placer County Fire
- Placer County Fire Safe Council
- Placer County Fire Safe Alliance
- Placer County Fire Chief's Association
- Placer County Office of Education
- Sierra Nevada Conservancy District
- Tahoe Resource Conservation District
- Town of Truckee PC/Truckee Stormwater Citizens Advisory Committee
- Union Pacific Railroad
- United States Army Corps of Engineers
- United States Bureau of Land Management
- United States Bureau of Reclamation
- United States Department of Agriculture
- United States Farm Service Agency
- United States Forest Service
- United States Geological Survey
- Valley Vision
- Western Regional Climate Center

Several opportunities were provided for the groups listed above to participate in the planning process. At the beginning of the planning process, invitations were extended to many of these groups to actively participate on the HMPC. Specific participants from these groups are detailed in Appendix A. Others assisted in the process by providing data directly as requested in the Data Worksheets or through data contained on their websites or as maintained by their offices. Further as part of the public outreach process, all groups were invited to attend the public meetings and to review and comment on the plan prior to submittal to CAL OES and FEMA. In addition, as part of the review of the draft plan, key agency stakeholders were contacted and their comments specifically solicited as described further in this Section and included in Appendix A.

Other Community Planning Efforts and Hazard Mitigation Activities

Coordination with other community planning efforts is also paramount to the success of this plan. Hazard mitigation planning involves identifying existing policies, tools, and actions that will reduce a community's

risk and vulnerability to hazards. Placer County uses a variety of comprehensive planning mechanisms, such as general plans and ordinances, to guide growth and development. Integrating existing planning efforts and mitigation policies and action strategies into this plan establishes a credible and comprehensive plan that ties into and supports other community programs. The development of this plan incorporated information from the following existing plans, studies, reports, and initiatives as well as other relevant data from neighboring communities and other jurisdictions.

- Auburn/Bowman Community Plan Hydrology Study
- City of Auburn General Plan
- City of Colfax General Plan
- City of Colfax Housing Element
- City of Lincoln General Plan
- City of Rocklin General Plan
- Town of Loomis General Plan
- Crude Oil/Hazmat By Rail Operational Response Guide
- Lake Tahoe Watershed Assessment
- Olympic Valley Groundwater Management Plan
- Placer County General Plan
- Placer County General Plan Technical Background Report
- Placer County Emergency Operations Plan
- Placer County Flood Insurance Study
- Placer County Flood Control & Water Conservation District Stormwater Management Manual
- Placer County Housing Element
- California State Hazard Mitigation Plan
- California State Drought Contingency Plan
- State of California Department of Conservation Farmland Mapping and Monitoring Program
- USDA Census of Agriculture
- Placer County Agricultural Commissioner Reports
- California Department of Food and Agriculture Invasive Species Report
- Community Wildfire Protection Plans
- Water and Sewer Service Agreement for the Resort at Squaw Creek: Phase II Draft Supplemental Environmental Impact Report

These and other documents were reviewed and considered, as appropriate, during the collection of data to support Planning Steps 4 and 5, which include the hazard identification, vulnerability assessment, and capability assessment. Data from these plans and ordinances were incorporated into the risk assessment and hazard vulnerability sections of the plan. Where the data from the existing studies and reports is used in this plan update, the source document is referenced throughout this plan update. The data was also used in determining the capability of the community in being able to implement certain mitigation strategies. Appendix B References provides a detailed list of references used in the preparation of this plan update.

3.2.2. Phase 2: Assess Risks

Planning Steps 4 and 5: Identify the Hazards and Assess the Risks

Foster Morrison led the HMPC in a research effort to identify, document, and profile all the hazards that have, or could have, an impact the planning area. Starting with the 2010 plan, natural hazards of concern were added, deleted, and modified for this LHMP Update. Data collection worksheets and jurisdictional

annexes were developed and used in this effort to aid in determining hazards and vulnerabilities and where the risk varies across the planning area. Geographic information systems (GIS) were used to display, analyze, and quantify hazards and vulnerabilities.

The HMPC also conducted a capability assessment to review and document the planning area's current capabilities to mitigate risk from and vulnerability to hazards. By collecting information about existing government programs, policies, regulations, ordinances, and emergency plans, the HMPC could assess those activities and measures already in place that contribute to mitigating some of the risks and vulnerabilities identified. A more detailed description of the risk assessment process, methodologies, and results are included in Chapter 4 Risk Assessment.

3.2.3. Phase 3: Develop the Mitigation Plan

Planning Steps 6 and 7: Set Goals and Review Possible Activities

Foster Morrison facilitated brainstorming and discussion sessions with the HMPC that described the purpose and process of developing planning goals and objectives, a comprehensive range of mitigation alternatives, and a method of selecting and defending recommended mitigation actions using a series of selection criteria. This information is included in Chapter 5 Mitigation Strategy. Additional documentation on the process the HMPC used to develop the goals and strategy is in Appendix C.

Planning Step 8: Draft an Action Plan

Based on input from the HMPC regarding the draft risk assessment and the goals and activities identified in Planning Steps 6 and 7, a complete first draft of the plan was developed. This complete draft was provided for HMPC review and comment via a Dropbox web link. Other agencies were invited to comment on this draft as well. HMPC and agency comments were integrated into the second public review draft, which was advertised and distributed to collect public input and comments. The HMPC integrated comments and issues from the public, as appropriate, along with additional internal review comments and produced a final draft for the CAL OES and FEMA Region IX to review and approve, contingent upon final adoption by the governing boards of each participating jurisdiction.

3.2.4. Phase 4: Implement the Plan and Monitor Progress

Planning Step 9: Adopt the Plan

In order to secure buy-in and officially implement the plan, the plan was adopted by the governing boards of each participating jurisdiction using the sample resolution contained in Appendix D.

Planning Step 10: Implement, Evaluate, and Revise the Plan

The true worth of any mitigation plan is in the effectiveness of its implementation. Up to this point in the planning process, all of the HMPC's efforts have been directed at researching data, coordinating input from participating entities, and developing appropriate mitigation actions. Each recommended action includes key descriptors, such as a lead manager and possible funding sources, to help initiate implementation. An overall implementation strategy is described in Chapter 7 Plan Implementation and Maintenance.

Finally, there are numerous organizations within the Placer County Planning Area whose goals and interests interface with hazard mitigation. Coordination with these other planning efforts, as addressed in Planning Step 3, is paramount to the implementation and ongoing success of this plan and mitigation in Placer County and is addressed further in Chapter 7.

Implementation and Maintenance Process: 2010

The 2010 Placer County, California Local Hazard Mitigation Plan Update included a process for plan maintenance and implementation of the mitigation strategy as well as formal updates to the plan document. The 2010 process called for annual reviews with the status of mitigation strategy implementation documented in an annual report. In addition the 2010 process called for a formal plan update as required by DMA regulations every 5 years. In accordance with the process outlined in the 2010 plan, annual reviews were conducted and documented by the Placer County Department of Public Works and Facilities, Flood Control Section, and this LHMP update, once complete, will meet the DMA formal update requirements.

Specifically, Placer County’s existing plan was completed and adopted by the County in 2010. It was anticipated that in compliance with the five-year update requirement, the next complete update of the plan would be in 2015/2016. This current plan update process was initiated in spring 2015, and finished in February 2016 with the submittal of this LHMP update to Cal OES and FEMA Region IX.

As stated, documented reviews of the 2010 plan took place on an annual basis by the County and participating jurisdictions, and the 2010 LHMP was integrated into many other planning mechanisms in the County. The entire LHMP was adopted and incorporated by reference into the Placer County General Plan Safety Element as part of their General Plan Update Process. For those jurisdictions who have not yet updated their Safety Element, this LHMP Update will be adopted into the respective Safety Element updates. The risk assessment portion of the 2010 LHMP was relied on and further integrated into other planning mechanisms. Table 3-7 lists the planning mechanism the 2010 LHMP was integrated into by Placer County. Each of the jurisdictional annexes have similar tables that show how the 2010 was specifically integrated into their local community planning mechanisms.

Table 3-7 Incorporation of Placer County LHMP into Other Planning Mechanisms

Planning Mechanism 2010 LHMP Was Incorporated/Implemented Through	Details
2011 General Plan – Safety Element and other sections	2010 LHMP fully incorporated by reference into Safety Element of the most recent General Plan Update
2010 Emergency Operations Plan	LHMP risk assessment data incorporated into the Base EOP; other LHMP data use in developing EOP Annexes
Updates of Placer County Community Wildfire Protection Plans	LHMP risk assessment data and mitigation projects, specific to wildfires are used and considered in the CWPP updates: likewise, this LHMP update will be implemented through CWPP updates

Planning Mechanism 2010 LHMP Was Incorporated/Implemented Through	Details
Capital Improvement Plans and Budgets	Mitigation projects are considered and included in annual CIPs as feasible
Placer County Evacuation Planning	LHMP mapping and risk assessment data are considered in updates to area evacuation plans

The plan implementation and maintenance process as set forth in the 2010 plan has been updated for this LHMP update. The revised update implementation and maintenance process for the Placer County 2016 LHMP update is set forth in Section 7 of this plan document. A strategy for continued public involvement for this update process is also included in Chapter 7.